

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: Singrauli
Name of Company: NTPC
Sampling methodology adopted for station : As per tripartite/ bilateral agreement with CIMFR
Sampling standards(BIS) followed : IS 1350(Part-2) As per tripartite/ bilateral agreement with CIMFR
Date of Fuel Supply Agreement :
Annual Contracted Quantity (as per FSA): 11.5 MMT
Mode of transport MGR & Rail

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END (kCal/Kg)		GCV MEASURED AT UNLOADING END (kCal/Kg)		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Apr-17	NCL	G9	616386	4162	3792	4121	3749	41	43
2	May-17	NCL	G9	679466	4231	3863	3796	3409	435	454
3	Jun-17	NCL	G9	675190	4267	3913	3873	3465	394	448
4	Jul-17	NCL	G9	530073	4483	4204	3976	3525	507	679
5	Aug-17	NCL	G10	667896	4149	3723	3692	3258	457	465
6	Sep-17	NCL	G10	650462	4130	3725	3495	3108	635	617
7	Oct-17	NCL	G10	773682	4310	3922	3887	3488	423	434
8	Nov-17	NCL	G10	787579	4330	3945	3957	3552	373	393
9	Dec-17	NCL	G10	811522	4551	4150	4131	3715	420	435
10	Jan-18	NCL	G10	751652	4674	4245	4353	3914	321	331
11	Feb-18	NCL	G10	731612	4443	4026	4053	3642	390	384
12	Mar-18	NCL	G10	752268	4433	4004	4116	3705	317	299
13	Apr-18	NCL	G10	631496	4692	4298	4433	4019	259	279
14	May-18	NCL	G10	705760	4820	4392	4442	4012	378	380
15	Jun-18	NCL	G10	698840	4702	4306	4302	3865	400	441
16	Jul-18	NCL	G10	592104	4930	4491	4605	4131	325	360
17	Aug-18	NCL	G10	723487	4322	3896	3845	3419	477	477
18	Sep-18	NCL	G10	761810	4507	4085	4191	3737	316	348
19	Oct-18	NCL	G10	750048	4478	4079	4191	3774	287	305
20	Nov-18	NCL	G10	839819	4675	4265	4229	3799	446	466
21	Dec-18	NCL	G10	841446	4750	4359	4376	3934	374	425
22	Jan-19	NCL	G10	679623	4658	4256	4435	3996	223	260
23	Feb-19	NCL	G10	665660	4338	3947	3980	3587	358	360
24	Mar-19	NCL	G10	901942	4421	4015	4181	3736	240	279
25	Apr-19	NCL	G10	761887	4446	4020	4243	3776	203	244
26	May-19	NCL	G10	868738	4343	3937	4004	3535	339	402
27	Jun-19	NCL	G10	861354	4235	3848	3808	3403	426	445
28	Jul-19	NCL	G10	837149	4438	4018	4083	3632	356	386
29	Aug-19	NCL	G10	780146	4520	4059	4335	3834	186	225
30	Sep-19	NCL	G10	648279	4268	3827	4052	3615	217	212
31	Oct-19	NCL	G10	883267	4523	4093	4226	3792	297	300
32	Nov-19	NCL	G10	873894	4304	3900	3983	3591	320	309
33	Dec-19	NCL	G10	878273	4572	4156	4344	3909	228	247
34	Jan-20	NCL	G10	814765	4476	4063	4142	3704	334	358
35	Feb-20	NCL	G10	817145	4438	4007	4269	3810	169	197
36	Mar-20	NCL	G10	876356	4496	4080	4381	3921	115	159

37	Apr-20	NCL	G10	822994	4518	4122	4272	3848	246	274
38	May-20	NCL	G10	804686	4612	4200	4277	3824	336	376
39	Jun-20	NCL	G10	680126	4516	4106	4152	3681	364	425
40	Jul-20	NCL	G10	777724	4669	4251	4469	3925	200	327
41	Aug-20	NCL	G10	761088	4672	4238	4487	3985	185	253
42	Sep-20	NCL	G10	701292	4490	4076	4253	3768	237	308
43	Oct-20	NCL	G10	654112	4538	4074	4211	3711	327	362
44	Nov-20	NCL	G10	858762	4550	4123	4202	3737	348	386
45	Dec-20	NCL	G10	938890	4400	3997	4096	3630	304	367
46	Jan-21	NCL	G10	864901	4480	4060	4262	3796	218	264
47	Feb-21	NCL	G10	812481	4611	4191	4328	3855	283	337
48	Mar-21	NCL	G10	863326	4627	4185	4331	3871	296	314
49	Apr-21	NCL	G10	733856	4608	4212	4448	4020	160	192
50	May-21	NCL	G10	840148	4603	4208	4439	3995	165	214
51	Jun-21	NCL	G10	897995	4661	4259	4204	3751	457	508
52	Jul-21	NCL	G10	715810	4758	4342	4068	3615	690	727
53	Aug-21	NCL	G10	577588	4567	4160	4075	3595	491	565
54	Sep-21	NCL	G10	713710	4599	4032	4204	3731	396	301
55	Oct-21	NCL	G10	653878	4587	4209	4130	3673	458	536
56	Nov-21	NCL	G10	580183	4701	4309	4251	3793	450	517
57	Dec-21	NCL	G10	864761	4740	4326	4255	3784	485	541
58	Jan-22	NCL	G10	910655	4704	4294	4154	3708	550	586
59	Feb-22	NCL	G10	944932	4568	4146	4229	3777	340	369
60	Mar-22	NCL	G10	945495	4750	4301	4354	3873	396	428

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: RIHAND
Name of Company: NTPC
Sampling methodology adopted for station : As per tripartite/ bilateral agreement with CIMFR
Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR
Date of Fuel Supply Agreement : Stage I & II dated 24.07.2009 & Stage III dated 02.09.2023
Annual Contracted Quantity (as per FSA): 143.82 LMT
Mode of transport MGR & RAIL

AML: Amlori DCH: Dudhichuha

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Apr-17	AML-SILO	G-10	848892.78	4633	4213	4553	4106	80	107
2		DCH -SILO	G-10	116436.44	4291	3919	4091	3702	200	217
3	May-17	AML-SILO	G-10	1012132.94	4419	4009	4384	3927	35	82
4		DCH -SILO	G-10	86459.77	4331	3966	4235	3810	96	156
5		BINA-KRSL	G-10	3259.55	4305	3989	4202	3888	103	101
6	Jun-17	AML-SILO	G-10	987132.77	4358	3958	4228	3777	130	181
7		DCH -SILO	G-10	130119.91	4404	4039	3846	3469	558	570
8	Jul-17	AML-SILO	G-10	1026722.75	4146	3756	4014	3577	132	179
9		DCH -SILO	G-10	94631.04	4605	4174	4028	3584	577	590
10	Aug-17	AML-SILO	G-10	1123551.28	3970	3567	3796	3390	174	177
11		DCH -SILO	G-10	103423.51	4346	3925	4079	3666	267	259
12	Sep-17	AML-SILO	G-10	995257.40	4199	3799	4114	3690	85	109
13		DCH -SILO	G-10	117235.14	4303	3890	4002	3590	301	300
14	Oct-17	AML-SILO	G-10	1103606.20	4060	3658	4161	3744	-101	-86
15		DCH -SILO	G-10	145853.66	4504	4088	4206	3823	298	265
16		DVT IN		3753.32					0	0
17	Nov-17	AML-SILO	G-10	1068265.06	3928	3536	4290	3868	-362	-332
18		DCH -SILO	G-10	271285.54	4674	4236	4264	3854	410	382
19		JAYANT	G-10	48140.44	4380	3988	4237	3838	143	150
20	Dec-17	AML-SILO	G-10	1120180.14	4452	4038	4337	3930	115	108
21		DCH -SILO	G-10	286929.86	4499	4057	4078	3679	421	378
22		JAYANT	G-10	26865.36	4643	4248	4371	3939	272	309
23	Jan-18	AML-SILO	G-10	1108713.42	4443	4029	4507	4084	-64	-55
24		DCH -SILO	G-10	179003.50	4496	4065	3879	3504	617	561
25	Feb-18	AML-SILO	G-10	948179.30	4435	4000	4393	3963	42	37
26		DCH -SILO	G-10	149669.40	4591	4152	3949	3582	642	570
27	Mar-18	AML-SILO	G-10	1046313.59	4611	4186	4405	3966	206	220
28		DCH -SILO	G-10	205186.39	4535	4112	4026	3658	509	454
29		JAYANT	G-10	2027.68	4450	4063	4230	3856	220	207
30	Apr-18	AML-SILO	G-10	924470.38	4660	4240	4512	4073	148	167
31		DCH -SILO	G-10	117053.59	4411	3998	4068	3702	343	296
32		DCH -WW	G-10	18517.28	4192	3846	3803	3504	389	342
33		JAYANT	G-10	6715.00	4767	4354	4790	4340	-23	14

34	May-18	AML-SILO	G-10	989554.82	4528	4110	4455	4041	73	69	
35		DCH -SILO	G-10	126997.45	4535	4151	4091	3734	444	417	
36		JAYANT	G-10	4774.78	4979	4562	4634	4178	345	384	
37		DVT IN		25305.71					0	0	
38	Jun-18	AML-SILO	G-10	957957.22	4648	4228	4585	4173	63	55	
39		DCH -SILO	G-10	80655.68	4318	3942	4090	3746	228	196	
40	Jul-18	AML-SILO	G-10	960291.50	4878	4442	4752	4242	126	200	
41		DCH -SILO	G-10	164235.78	4534	4109	4010	3606	524	503	
42		JAYANT	G-10	20206.91	4809	4376	4738	4207	71	169	
43	Aug-18	AML-SILO	G-10	736074.00	4964	4484	4943	4406	21	78	
44		DCH -SILO	G-10	275602.34	4772	4295	4174	3759	598	536	
45		DCH -WW	G-10	3681.81	4850	4327	3630	3190	1220	1137	
46		JAYANT	G-10	40506.58	4414	3981	4293	3841	121	140	
47		BINA	G-10	2673.62	4370	3912	4290	3829	80	83	
48	Sep-18	AML-SILO	G-10	793226.06	4591	4113	4697	4205	-106	-92	
49		DCH -SILO	G-10	287068.79	4513	4030	4190	3770	323	260	
50		DCH -WW	G-10	3766.81	4680	4208	3765	3354	915	854	
51		JAYANT	G-10	6436.28	4496	4071	4257	3807	239	264	
52	Oct-18	AML-SILO	G-10	936754.29	4682	4236	4525	4061	157	175	
53		DCH -SILO	G-10	167037.60	4537	4072	4046	3660	491	412	
54	Nov-18	AML-SILO	G-10	923676.36	5079	4614	5022	4486	57	128	
55		DCH -SILO	G-10	102428.39	4375	3978	4018	3643	357	335	
56	Dec-18	AML-SILO	G-10	989155.90	4693	4249	4684	4207	9	42	
57		DCH -SILO	G-10	176539.69	4523	4132	4128	3745	395	387	
58	Jan-19	AML-SILO	G-10	1081160.58	4322	3889	4386	3986	-64	-97	
59		DCH -SILO	G-10	120634.31	4460	4056	4046	3679	414	377	
60		DCH -WW	G-10	3691.81	4270	3839	4510	4162	-240	-323	
61	Feb-19	AML-SILO	G-10	1012561.94	4613	4150	4521	4063	92	87	
62		DCH -SILO	G-10	47251.39	4800	4345	4326	3945	474	400	
63		JAYANT	G-10	4351.66					0	0	
64	Mar-19	AML-SILO	G-10	1237543.84	4231	3782	4102	3697	129	85	
65	Apr-19	AML-SILO	G-10	952080.82	4590	4183	4493	4065	97	118	
66		DCH -SILO	G-10	54006.28	4975	4553	4154	3772	821	781	
67	May-19	AML-SILO	G-10	856347.22	4728	4327	4777	4273	-49	54	
68		DCH -SILO	G-10	3616.62	4970	4565	4420	4011	550	554	
69		JAYANT	G-10	20012.22	4393	3992	4263	3841	130	151	
70	Jun-19	AML-SILO	G-10	706945.94	4715	4301	4612	4153	103	148	
71		AML-WW	G-12	32848.10	4064	3671	4272	3875	-208	-204	
72		DCH -SILO	G-10	105320.51	4766	4352	3903	3538	863	814	
73		DCH- WW	G-10	3598.01	4260	3897					
74		JAYANT	G-10	20778.00	4172	3795	4099	3690	73	105	
75	Jul-19	AML-SILO	G-10	879058.50	4139	3708	4291	3831	-152	-123	
76		AML-WW	G-12	100744.50	4077	3632	4428	3928	-351	-296	
77		DCH -SILO	G-10	170074.84	4765	4322	4167	3747	598	575	
78		JAYANT	G-10	4742.44	4500	4035	4370	3945	130	90	
79	Aug-19	AML-SILO	G-10	978850.74	4472	3989	4408	3973	64	16	
80		AML-WW	G-12	83301.90	4128	3685	4313	3801	-185	-116	
81		DCH -SILO	G-10	153787.47	4732	4260	4196	3788	536	472	
82	Sep-19	AML-SILO	G-10	576065.42	4747	4248	4892	4369	-145	-121	
83		AML-WW	G-12	69530.60	3974	3535	4236	3728	-262	-193	
84		DCH -SILO	G-10	47683.03	4552	4084	4237	3747	315	337	
85		JAYANT	G-10	4442.88	4336	3859	4255	3791	81	68	

86		NIGAHI	G-7	7525.30	4550	4142	3930	3445	620	697
87	Oct-19	AML-SILO	G-10	1099247.40	4581	4113	4607	4117	-26	-4
88		AML-WW	G-12	101075.50	4365	3927	4544	4070	-179	-143
89		DCH -SILO	G-10	170848.90	4690	4263	4176	3810	514	453
90		JAYANT	G-10	4676.94	4461	4008	4296	3763	165	245
91		NIGAHI	G-7	5425.50					0	0
92	Nov-19	AML-SILO	G-10	1120935.77	4959	4491	4904	4423	55	68
93		AML-WW	G-12	125031.00	4858	4410	4838	4353	20	57
94		DCH -SILO	G-10	65632.98	4708	4292	4289	3909	419	383
95	Dec-19	AML-SILO	G-10	1070300.54	4226	3846	4432	4021	-206	-175
96		AML-WW	G-12	3581.30	4650	4288	4150	3767	500	521
97	Jan-20	AML-SILO	G-10	1207494.24	4207	3835	4093	3676	114	159
98		AML-WW	G-12	133733.70	4320	3941	4138	3743	182	198
99	Feb-20	AML-SILO	G-10	1107162.68	4291	3891	4243	3832	48	59
100		AML-WW	G-12	67367.60	4125	3744	4115	3732	10	12
101	Mar-20	AML-SILO	G-10	924953.56	4399	3958	4286	3876	113	82
102		AML-WW	G-12	94603.30	4302	3893	4300	3919	2	-26
103									0	0
104	Apr-20	AML-SILO	G-10	934092.18	4655	4139	4434	4005	221	134
105		AML-WW	G-12	154105.10	4197	3784	4201	3836	-4	-52
106		DCH -SILO	G-10	18877.28	4299	3900	4075	3681	224	219
107		BINA/KRSL	G-10	3692.30	4280	3857	3950	3697	330	160
108	May-20	AML-SILO	G-10	763489.72	4632	4103	4565	4146	67	-43
109		AML-WW	G-12	171889.70	4023	3607	4171	3784	-148	-177
110		DCH -SILO	G-10	154597.04	4640	4216	4269	3888	371	328
111		DCH WW	G-10	157591.50	4806	4365	3681	3388	1125	977
112	Jun-20	AML-SILO	G-10	669298.54	4683	4197	4507	4067	176	130
113		AML-WW	G-12	123565.20	4090	3681	4095	3683	-5	-2
114		DCH -SILO	G-10	340755.78	4655	4200	4265	3871	390	329
115		DCH WW	G-10	14496.86	4482	4063	3525	3190	957	873
116		BINA/KRSL	G-10	36752.36	4230	3877	4027	3643	203	234
117		JAYANT	G-10	25119.62	4425	4019	4379	3920	46	99
118	Jul-20	AML-SILO	G-10	738688.54	4394	3941	4194	3784	200	157
119		AML-WW	G-12	117300.80	3973	3555	4122	3708	-149	-153
120		DCH -SILO	G-10	165363.17	4595	4144	4349	3955	246	189
121		DCH WW	G-10	170559.66	4133	3712	3866	3486	267	226
122		BINA/KRSL	G-8 & G-10	18363.04	4762	4408	4257	3839	505	569
123		JAYANT	G-10	10289.76	4557	4157	4583	4116	-26	41
124		NIGAHI	G-11	2285.80	4570	4227	3250	2861	1320	1366
125		PAKARI COAL	G-9	36137.68					0	0
126		DVT IN	4659.94					0	0	
127	Aug-20	AML-SILO	G-10	858419.18	4277	3806	4135	3729	142	77
128		AML-WW	G-12	141168.20	3755	3351	3815	3413	-60	-62
129		DCH -SILO	G-10	158880.36	4620	4163	4257	3838	363	325
130		DCH WW	G-10	152503.76	4286	3880	3831	3426	455	454
131		PAKARI COAL	G-9	57520.78					0	0
132			DVT IN	271.20					0	0
133	Sep-20	AML-SILO	G-10	816331.86	4467	3972	4238	3776	229	196
134		AML-WW	G-12	116781.80	4037	3622	3862	3417	175	205
135		DCH -SILO	G-10	140637.16	4393	3978	4057	3660	336	318
136		DCH WW	G-10	217924.03	4162	3782	3561	3184	601	598
137		BINA/KRSL	G-8 & G-10	8023.61	4390	4070	3775	3469	615	601

138		NIGAHI	G-11	2880.20	4220	3969	3020	2661	1200	1308
139	Oct-20	AML-SILO	G-10	1072916.02	4466	4006	4274	3856	192	150
140		AML-WW	G-12	101901.90	4138	3737	4099	3694	39	43
141		DCH -SILO	G-10	173092.18	4505	4057	4267	3917	238	140
142		DCH WW	G-10	76271.71	4232	3822	3591	3222	641	600
143	Nov-20	AML-SILO	G-10	1047946.02	4773	4266	4758	4262	15	4
144		AML-WW	G-12	150029.30	4278	3896	4305	3897	-27	-1
145		DCH -SILO	G-10	64507.32	4643	4187	4432	4049	211	138
146	Dec-20	AML-SILO	G-10	967586.72	4714	4273	4624	4182	90	91
147		AML-WW	G-12	160558.10	4341	3967	4366	3961	-25	6
148		BCCL	W-IV	23895.29	5507	5382	4295	4199	1212	1183
149	Jan-21	AML-SILO	G-10	826197.06	4788	4332	4803	4339	-15	-7
150		AML-WW	G-12	201572.70	4250	3869	4306	3909	-56	-40
151	Feb-21	AML-SILO	G-10	912215.02	4800	4357	4768	4292	32	65
152		AML-WW	G-12	3963.50	4043	3699	3855	3560	188	139
153	Mar-21	AML-SILO	G-10	1080497.96	4617	4140	4565	4118	52	22
154		AML-WW	G-12	5113.50	4032	3584	3818	3491	214	93
155		JAYANT	G-10	4905.88	4749	4311	4747	4262	2	49
156		NIGAHI	G-11	2185.40	5001	4740	4915	4394	86	346
157	Apr-21	AML-SILO	G-10	988050.90	4541	4152	4425	4012	116	140
158	May-21	AML-SILO	G-10	939380.58	4488	4068	4294	3883	194	185
159		AML-WW	G-12	123328.40	4408	3989	4317	3886	91	103
160	Jun-21	AML-SILO	G-10	850784.70	3931	3565	3996	3590	-65	-25
161		AML-WW	G-12	144048.00	3712	3374	3876	3460	-164	-86
162		NIGAHI	G-11	8714.4	4574	4225	3940	3542	634	683
163		CCL	G-9 & G-11	3685.71					0	0
164	DVT IN		11797.39					0	0	
165	Jul-21	AML-SILO	G-10	893366.32	4514	4137	4161	3786	353	351
166		AML-WW	G-12	144524.80	3909	3577	3887	3532	22	45
167		DCH-SILO	G-10	26191.80	4351	3911	4337	3887	14	24
168		NIGAHI	G-11	53592.84	4626	4329	3611	3245	1015	1084
169		CCL	G-9 to G-13	37915.37	3653				3653	0
170	Aug-21	AML-SILO	G-10	674989.42	4457	4064	4508	4119	-51	-55
171		AML-WW	G-12	63082.80	4144	3779	3972	3617	172	162
172		DCH-SILO	G-10	415648.98	4333	3905	3957	3571	376	334
173		NIGAHI	G-11	61411.32	4558	4162	3515	3163	1043	999
174	Sep-21	AML-SILO	G-10	950147.28	4677	4295	4514	4120	163	175
175		AML-WW	G-12	115993.20	3987	3653	3727	3379	260	274
176		DCH-SILO	G-10	115434.00	4463	4028	3963	3581	500	447
177	Oct-21	AML-SILO	G-10	1067299.34	4984	4582	4837	4342	147	240
178		AML-WW	G-12	30412.30	4043	3735	3974	3605	69	130
179	Nov-21	AML-SILO	G-10	1078921.18	4751	4353	4707	4230	44	123
180		AML-WW	G-12	74283.00	4312	3944	4309	3909	3	35
181	Dec-21	AML-SILO	G-10	1090281.64	4949	4572	5053	4533	-104	39
182		AML-WW	G-12	150176.40	4576	4216	4525	4102	51	114
183		DCH-SILO	G-10	34159.9	4616	4197	4649	4206	-33	-9
184		DVT IN		3725.12					0	0
185	Jan-22	AML-SILO	G-10	1167791.88	4599	4218	4531	4079	68	139
186		AML-WW	G-12	164501.50	4232	3879	4259	3839	-27	40
187	Feb-22	AML-SILO	G-10	1143855.28	4736	4295	4669	4226	67	69
188		AML-WW	G-12	97351.10	4357	3957	4491	4064	-134	-107

189	100-22	DCH-SILO	G-10	26476.38	4584	4151	4533	4095	51	56
190		DCH-WW	G-10	3695.81	4570	4118	3861	3486	709	632
191	Mar-22	AML-SILO	G-10	1336463.86	4615	4181	4613	4170	2	11
192		AML-WW	G-12	40347.20	4958	4486	5084	4526	-126	-40

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station:

Unchahar

Name of Company:

NTPC Ltd

Sampling methodology adopted for station :

As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed :

As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement :

Annual Contracted Quantity (as per FSA):

7.41 MMT

Mode of transport

Rail

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Apr-17	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	19242	4733	4661	3832	3568	901	1093
2		CCL	WC, WG-IV, V & Grade - G07 to G13	392383	3999	3852	3808	3543	191	309
3	May-17	CCL	WC, WG-IV, V & Grade - G07 to G13	142485	3939	3785	3787	3548	152	238
4	Jun-17	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	29346	4421	4313	4125	3956	296	357
5		CCL	WC, WG-IV, V & Grade - G07 to G13	142947	3979	3851	3699	3492	279	358
7	Jul-17	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	64579	4685	4521	3960	3796	724	725
8		CCL	WC, WG-IV, V & Grade - G07 to G13	205563	4016	3758	3838	3578	178	179
9	Aug-17	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	100296	4197	4021	3743	3614	455	407
10		CCL	WC, WG-IV, V & Grade - G07 to G13	325273	4198	3950	3869	3651	329	299
12	Sep-17	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	79283	4642	4514	3817	3729	825	786
13		CCL	WC, WG-IV, V & Grade - G07 to G13	376740	4436	4149	3855	3673	581	476
14	Oct-17	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	52149	5664	5431	3918	3817	1746	1613
15		CCL	WC, WG-IV, V & Grade - G07 to G13	451379	4279	3998	3949	3757	330	240
17	Nov-17	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	76067	4743	4645	3602	3518	1141	1128
18		CCL	WC, WG-IV, V & Grade - G07 to G13	365299	4304	4086	4181	3978	123	108
19	Dec-17	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	127461	5043	4956	4029	3938	1014	1018
20		CCL	WC, WG-IV, V & Grade - G07 to G13	352234	4614	4364	4449	4157	165	207
21	Jan-18	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	144555	5570	5483	4095	3988	1475	1495
22		CCL	WC, WG-IV, V & Grade - G07 to G13	251166	4423	4165	4238	3954	185	211
23		ECL	Grade - G03 to G08	3377	3981	3727	3933	3784	48	-58
24		NTPC	Grade - G09	7744	5012	4670	4590	4204	422	466
25	Feb-18	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	160722	5537	5482	4312	4196	1225	1286
26		CCL	WC, WG-IV, V & Grade - G07 to G13	300148	4416	4160	4350	4036	66	124
28		NTPC	Grade - G09	19199	5144	4797	4795	4337	349	460
29	Mar-18	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	144752	5512	5436	4490	4361	1022	1075
30		CCL	WC, WG-IV, V & Grade - G07 to G13	377389	4214	4040	4175	3940	39	99
32	Apr-18	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	103092	5169	5075	4719	4568	449	507
33		CCL	WC, WG-IV, V & Grade - G07 to G13	306451	4338	4191	4064	3879	274	312
35		NTPC	Grade - G09	3858	4940	4656	4430	4190	510	466
36	May-18	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	69227	4701	4591	4283	4141	418	450
37		CCL	WC, WG-IV, V & Grade - G07 to G13	121028	4294	4212	4192	4011	102	201
39	Jun-18	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	32598	6008	5797	4569	4420	1439	1377
40		CCL	WC, WG-IV, V & Grade - G07 to G13	45067	4156	3964	4004	3809	152	155

41		NTPC	Grade - G09	14842	4886	4606	4526	4254	359	352
42	Jul-18	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	69296	5762	5565	4470	4274	1292	1291
43		CCL	WC, WG-IV, V & Grade - G07 to G13	103754	4159	3959	3910	3650	249	308
45	Aug-18	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	56332	5480	5366	4111	3870	1370	1496
46		CCL	WC, WG-IV, V & Grade - G07 to G13	266907	4594	4328	4282	3942	312	386
48	Sep-18	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	72351	4821	4574	3571	3338	1249	1237
49		CCL	WC, WG-IV, V & Grade - G07 to G13	316211	4673	4416	4433	4085	240	331
51		NCL	Grade - G08 to G12	2642	4510	4446	4960	4368	-450	78
52	Oct-18	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	36654	5142	4977	4008	3816	1135	1161
53		CCL	WC, WG-IV, V & Grade - G07 to G13	402969	4881	4672	4455	4147	426	525
55		NTPC	Grade - G09	7780	4820	4441	4830	4468	-10	-27
56	Nov-18	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	40027	5058	4962	3996	3764	1062	1198
57		CCL	WC, WG-IV, V & Grade - G07 to G13	448895	4573	4383	4225	3951	348	432
60		NTPC	Grade - G09	15492	4920	4619	4238	3999	682	620
61	Dec-18	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	52728	5004	4876	4445	4158	559	718
62		CCL	WC, WG-IV, V & Grade - G07 to G13	601495	4472	4262	4152	3864	320	398
64		NTPC	Grade - G09	23283	4796	4504	4600	4292	195	212
65	Jan-19	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	104623	5171	5023	4138	3913	1034	1110
66		CCL	WC, WG-IV, V & Grade - G07 to G13	548210	4442	4239	4210	3887	231	352
67		NTPC	Grade - G09	11236	4740	4470	4733	4413	7	57
68	Feb-19	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	79869	5507	5385	4309	4054	1198	1331
69		CCL	WC, WG-IV, V & Grade - G07 to G13	385865	4435	4268	4195	3834	239	434
71		NTPC	Grade - G09	7628	4850	4582	4622	4261	228	321
72	Mar-19	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	157011	5553	5377	4120	3920	1434	1456
73		CCL	WC, WG-IV, V & Grade - G07 to G13	525152	4343	4194	4047	3764	296	430
75		NTPC	Grade - G09	11692	4609	4263	4492	4163	117	100
76	Apr-19	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	159675	5625	5525	4021	3803	1603	1721
77		CCL	WC, WG-IV, V & Grade - G07 to G13	313071	4525	4363	4036	3737	489	626
79		NTPC	Grade - G09	3945	5160	4879	4790	4422	370	456
80	May-19	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	182046	5790	5682	4314	4056	1476	1626
81		CCL	WC, WG-IV, V & Grade - G07 to G13	281500	4449	4353	4033	3741	417	611
82		NTPC	Grade - G09	19016	4928	4653	4504	4148	424	505
83	Jun-19	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	155938	6311	6125	4467	4234	1844	1891
84		CCL	WC, WG-IV, V & Grade - G07 to G13	195896	4786	4663	4302	4013	484	649
86		NTPC	Grade - G09	7935	4955	4699	4322	4100	633	599
87	Jul-19	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	139996	5062	4814	4280	3999	782	815
88		CCL	WC, WG-IV, V & Grade - G07 to G13	68996	4618	4391	4442	4028	176	364
89		ECL	Grade - G03 to G08	37683	6034	5675	4505	4185	1529	1490
90		NTPC	Grade - G09	63240	4964	4566	4458	4102	506	464
91	Aug-19	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	79910	4644	4459	3632	3384	1012	1075
92		CCL	WC, WG-IV, V & Grade - G07 to G13	91402	4214	4005	4172	3855	42	150
94		NCL	Grade - G08 to G12	25889	3844	3507	4167	3838	-323	-331
95	NTPC	Grade - G09	107551	4856	4545	4050	3731	806	814	
96	Sep-19	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	90509	4746	4554	4130	3881	616	673
97		CCL	WC, WG-IV, V & Grade - G07 to G13	243769	4404	4186	3982	3656	422	529
98		ECL	Grade - G03 to G08	49104	5572	5258	4068	3740	1504	1518
99		NCL	Grade - G08 to G12	18817	4704	4258	4297	3868	408	391
100		NTPC	Grade - G09	66851	5021	4697	4332	3977	689	720
101	Oct-19	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	124087	4714	4524	3777	3605	937	919
102		CCL	WC, WG-IV, V & Grade - G07 to G13	278338	4584	4357	4226	3960	358	397
103		ECL	Grade - G03 to G08	70995	5701	5376	4090	3869	1612	1507
104		NCL	Grade - G08 to G12	8023	4566	4182	4264	3782	303	400
105		NTPC	Grade - G09	31156	4987	4635	4519	4245	469	390
106		BCCL	WG-III, IV, V, VI & Grade - G06 to G11	170505	5131	5014	3500	3406	1631	1608

107	Nov-19	CCL	WC, WG-IV, V & Grade - G07 to G13	338128	4582	4369	4238	3989	345	381
108		ECL	Grade - G03 to G08	90876	5622	5302	4024	3832	1598	1470
109		NCL	Grade - G08 to G12	11630	4828	4393	3701	3407	1127	986
110	Dec-19	NTPC	Grade - G09	7805	4970	4651	4405	4133	565	518
111		BCCL	WG-III, IV, V, VI & Grade - G06 to G11	214134	5128	4994	3710	3582	1418	1412
112		CCL	WC, WG-IV, V & Grade - G07 to G13	210125	4335	4103	3888	3560	447	543
113		ECL	Grade - G03 to G08	53859	5624	5313	4522	4273	1102	1041
114	Jan-20	NTPC	Grade - G09	11548	5104	4788	4502	4276	602	512
115		BCCL	WG-III, IV, V, VI & Grade - G06 to G11	174654	5001	4856	3817	3690	1183	1166
116		CCL	WC, WG-IV, V & Grade - G07 to G13	263781	4589	4391	4080	3759	509	632
117		ECL	Grade - G03 to G08	95895	5144	4811	4325	4043	818	768
118	Feb-20	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	137101	5366	5184	4293	4170	1074	1014
119		CCL	WC, WG-IV, V & Grade - G07 to G13	276942	4520	4352	4119	3860	401	492
120		NCL	Grade - G08 to G12	4052	4842	4484	4311	3782	532	702
121		NTPC	Grade - G09	7986	4946	4646	4700	4502	245	144
122	Mar-20	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	176592	4812	4708	4231	4120	580	588
123		CCL	WC, WG-IV, V & Grade - G07 to G13	450585	4539	4358	4051	3775	488	584
124		NCL	Grade - G08 to G12	3976	4650	4242	4440	4018	210	224
125	Apr-20	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	7907	4940	4830	4248	4135	692	696
126		CCL	WC, WG-IV, V & Grade - G07 to G13	221542	4260	4043	3531	3237	729	807
127	May-20	CCL	WC, WG-IV, V & Grade - G07 to G13	281180	4163	3986	3820	3585	344	401
128		NTPC	Grade - G09	11910	5397	5074	4313	4030	1084	1044
129	Jun-20	CCL	WC, WG-IV, V & Grade - G07 to G13	234929	3953	3696	3838	3484	115	212
130		NTPC	Grade - G09	3945	4620	4375	4120	3847	500	528
131	Jul-20	CCL	WC, WG-IV, V & Grade - G07 to G13	364521	4109	3834	3795	3432	314	401
132	Aug-20	CCL	WC, WG-IV, V & Grade - G07 to G13	465295	4340	4123	4080	3732	260	391
133		NCL	Grade - G08 to G12	4052	4520	4052	4240	3774	280	278
134	Sep-20	CCL	WC, WG-IV, V & Grade - G07 to G13	330977	4282	3990	3702	3331	579	659
135		NCL	Grade - G08 to G12	32261	4663	4254	4744	4141	-82	113
136	Oct-20	CCL	WC, WG-IV, V & Grade - G07 to G13	344887	4128	3821	3674	3315	454	506
137		NCL	Grade - G08 to G12	4005	4262	3806	3832	3467	430	339
138		NTPC	Grade - G09	35878	4358	4025	4372	4065	-14	-39
139	Nov-20	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	15050	4278	4196	4059	3943	219	253
140		CCL	WC, WG-IV, V & Grade - G07 to G13	478003	3842	3561	3566	3271	276	289
141		NCL	Grade - G08 to G12	3996	4352	3944	3597	3311	755	633
142		NTPC	Grade - G09	39536	4426	4150	4214	3988	212	161
143	Dec-20	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	29030	4950	4866	3779	3688	1171	1178
144		CCL	WC, WG-IV, V & Grade - G07 to G13	317706	3996	3750	3635	3355	361	396
145		NCL	Grade - G08 to G12	11474	3881	3537	4019	3614	-138	-77
146		NTPC	Grade - G09	83399	4586	4323	4430	4157	156	166
147	Jan-21	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	3495	4493	4415	4123	4031	370	384
148		CCL	WC, WG-IV, V & Grade - G07 to G13	194830	4033	3749	3753	3398	280	351
149		NTPC	Grade - G09	90751	4570	4325	4379	4083	190	243
150	Feb-21	CCL	WC, WG-IV, V & Grade - G07 to G13	599735	3770	3559	3820	3469	-50	91
151		NTPC	Grade - G09	4002	4747	4481	4422	4050	325	431
152	Mar-21	CCL	WC, WG-IV, V & Grade - G07 to G13	659937	4055	3904	3864	3583	191	321
154	Apr-21	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	99661	5269	5189	4058	3937	1211	1253
155		CCL	WC, WG-IV, V & Grade - G07 to G13	300461	4255	4112	3887	3625	369	487
156	May-21	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	42501	5155	5035	4109	3990	1046	1045
157		CCL	WC, WG-IV, V & Grade - G07 to G13	371746	4303	4100	4038	3756	265	344
158	Jun-21	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	72777	5176	5035	4203	4066	973	969
159		CCL	WC, WG-IV, V & Grade - G07 to G13	249762	4378	4090	4073	3673	305	417
160	Jul-21	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	53843	5395	5226	4058	3950	1336	1276
161		CCL	WC, WG-IV, V & Grade - G07 to G13	147385	4214	3883	3833	3468	381	415

162	Aug-21	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	77602	5237	5019	4006	3839	1232	1180
163		CCL	WC, WG-IV, V & Grade - G07 to G13	147641	4568	4269	4253	3936	314	333
164		SCCL	Grade - G10 to G13	63987	3718	3503	3473	3250	245	253
165		WCL	Grade - G10 to G11	15301	4175	3849	3983	3607	192	243
166	Sep-21	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	103949	5123	4950	3822	3705	1301	1246
167		CCL	WC, WG-IV, V & Grade - G07 to G13	236251	4594	4320	4178	3919	416	400
168		ECL	Grade - G03 to G08	6646	5065	4673	4183	3998	882	675
169		SCCL	Grade - G10 to G13	7702	3818	3604	3883	3642	-65	-38
170	Oct-21	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	41089	4821	4594	3859	3747	961	847
171		CCL	WC, WG-IV, V & Grade - G07 to G13	236040	4335	4100	3952	3701	383	400
172		ECL	Grade - G03 to G08	12759	6137	5808	5013	4739	1124	1069
173		MCL	Grade - G12 to G14	10359	3821	3562	3511	3253	310	310
174	Nov-21	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	18660	5732	5506	3766	3627	1966	1879
175		CCL	WC, WG-IV, V & Grade - G07 to G13	300576	4460	4237	4085	3864	375	374
176		ECL	Grade - G03 to G08	3747	5337	5054	5093	4733	244	322
177		MCL	Grade - G12 to G14	24431	3696	3467	3393	3141	303	326
178	Dec-21	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	37904	5446	5305	4064	4034	1382	1271
179		CCL	WC, WG-IV, V & Grade - G07 to G13	330413	4393	4178	3921	3652	472	526
180		ECL	Grade - G03 to G08	38159	5920	5663	4791	4534	1129	1129
181		MCL	Grade - G12 to G14	18459	3637	3440	3494	3186	143	255
182	Jan-22	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	103742	4915	4755	4084	3989	831	766
183		CCL	WC, WG-IV, V & Grade - G07 to G13	374701	4616	4362	4012	3688	603	674
184		MCL	Grade - G12 to G14	6888	4051	3709	3776	3276	275	433
185	Feb-22	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	86028	5049	4899	4320	4211	729	688
186		CCL	WC, WG-IV, V & Grade - G07 to G13	252300	4424	4174	3884	3588	540	586
187	Mar-22	BCCL	WG-III, IV, V, VI & Grade - G06 to G11	63978	5006	4874	3911	3810	1095	1064
188		CCL	WC, WG-IV, V & Grade - G07 to G13	182272	4354	4117	3953	3665	401	452
189		ECL	Grade - G03 to G08	3772	5587	5261	5414	5126	174	135

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: NTPC Tanda

Name of Company: NTPC LTD.

Sampling methodology adopted for station : As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement : 15-JUL-2009

Annual Contracted Quantity (as per FSA): 18.19 LMT

Mode of tra RAIL

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
	Apr-17	CCL Washery	G10	1137.5	4272	4238	4514	4377	-242	-139
1			G7	1994.9	3817	3779	4332	4208	-515	-429
2			WIV	8139.86	4705	4607	4361	4229	344	378
3		CCL	G9	490.30	4153	3985	3627	3445	526	540
4		CCL	G10	2571.70	3512	3219	3627	3445	-115	-226
5		CCL	G11	997.00	3345	3128	3627	3445	-282	-316
6		CCL	WIV	18775.43	3879	3815	4271	4139	-392	-323
7		CCL	WIV	38205.5	4673	4512	4393	4244	280	269
8		CCL	G5	8119.71	4783	4632	4693	4451	90	181
9		CCL	WIV	3944.4	5130	5037	4406	4241	724	796
10		CCL	G9	706.70	4337	4092	4061	3881	276	211
11		CCL	G10	408.40	3666	3463	4061	3881	-395	-418
12		CCL	G12	2779.10	3888	3676	4061	3881	-173	-205
13		CCL	G5	3392.69	4575	4446	4421	4269	154	177
14		CCL	G6	2431.28	4476	4359	4449	4296	26	63
15		CCL	WIV	51379.07	4666	4565	4464	4303	202	262
16		CCL	G10	2253.80	2929	2797	3703	3550	-774	-752
17	CCL	G7	1576.10	4251	4068	4230	4064	21	4	
18	May-17	CCL	WIV	7240.43	4313	4205	4393	4251	-80	-46
19		CCL	G6	247.71	4917	4827	4693	4520	224	307
20		CCL	G5	778.72	4975	4824	4719	4546	256	278
21		CCL	WIV	13229.78	4907	4776	4452	4287	455	489
22	Jun-17	CCL Washery	WIV	1,758.27	5170	5092	4459	4301	711	790
23			G7	1868.77	4980	4945	4459	4301	521	643
24			G10	3915.26	4208	4152	4294	4129	-87	23
25		CCL	WIV	7553.91	4140	4050	4476	4306	-336	-256
26		CCL	G5	2892.24	4579	4461	4550	4387	29	74
27		CCL	G6	1091.67	4277	4122	4341	4194	-64	-71
28		CCL	WIV	29612.75	4823	4723	4392	4249	431	474
29		CCL	G9	3885.2	4518	4149	3713	3511	805	638
30	CCL	G10	4012	4419	4103	3563	3368	856	735	
31	CCL Washery	G8	3901.5	4990	4834	4462	4295	528	540	
32		WIV	2700.15	4970	4865	4644	4437	326	428	
33		G10	4724.15	4647	4496	4569	4365	77	131	

34	Jul-17	CCL	WIV	3551.7	4670	4463	4006	3864	664	599
35		CCL	G10	2,176.80	4680	4474	4779	4569	-99	-95
36		CCL	WIV	1,712.90	5320	5199	4779	4569	541	629
37		CCL	G5	8178.39	4823	4635	4525	4317	298	318
38		CCL	G8	9263.53	4780	4607	4496	4286	284	321
39		CCL	WIV	50362.85	4923	4719	4482	4274	442	445
40	Aug-17	CCL Washery	WIV	2660.7	4702	4504	4535	4335	167	170
41			G10	16150.43	4442	4277	4235	4055	207	222
42		CCL	G10	11157.6	4128	4016	4275	4091	-147	-75
43		CCL	G10	3890.6	4440	4310	4519	4332	-79	-21
44		CCL	G10	769.6	3483	3189	3562	3352	-80	-164
45		CCL	G13	6532.3	3656	3404	3573	3361	83	43
46		CCL	G5	14655.44	4956	4738	4480	4262	476	475
47		CCL	WIV	104683.05	5072	4824	4459	4247	613	577
48		CCL	G11	3782.68	4118	3816	3741	3537	377	280
49		Sep-17	CCL Washery	G10	3482	4130	4017	3724	3588	406
50	CCL		G10	10831.97	4607	4451	4743	4544	-136	-93
51	CCL		G5	10718.06	4780	4585	4482	4271	298	313
52	CCL		G7	1788.58	4800	4590	4436	4222	364	368
53	CCL		WIV	153325.5	4914	4714	4474	4262	440	452
54	Oct-17	CCL Washery	G11	3944	4160	4022	3995	3829	165	193
55			G10	15871.9	4300	4181	4196	4031	104	150
56		CCL	G10	18748	4189	4014	4192	4007	-3	7
57		CCL	G5	19934.62	4770	4624	4446	4234	324	390
58		CCL	WIV	134702.74	4838	4678	4524	4314	314	365
59	Nov-17	CCL	WIV	1521.63	4250	4194	4281	4146	-31	48
60		CCL	G10	2042.28	4660	4580	4281	4146	379	433
61		CCL	G10	15216.71	4336	4196	4233	4100	104	95
62		CCL	G5	22877.19	4828	4676	4590	4380	238	296
63		CCL	G8	17666.79	4664	4533	4384	4184	280	349
64		CCL	WIV	142690.92	5019	4864	4528	4322	491	542
65		CCL	G10	1452.7	3262	3029	4038	3797	-776	-767
66		CCL	G12	140	3525	3313	3911	3693	-386	-380
67		CCL	G13	2280	4337	4129	3656	3447	681	683
68		Dec-17	CCL	G5	26435.03	5105	4952	4680	4510	425
69	CCL		WIV	142821.21	5277	5135	4617	4442	660	692
70	Jan-18	CCL Washery	G8	3,908.80	5250	5118	4700	4558	550	560
71		CCL	G10	2,358.90	4920	4811	4120	4003	800	808
72		CCL	WIV	1,020.30	4890	4831	4300	4187	590	644
73		CCL	G5	6666.34	5182	5068	4894	4760	288	308
74		CCL	G7	19310.68	4977	4863	4563	4420	413	443
75		CCL	G8	48140.62	4864	4756	4494	4367	370	389
76		CCL	WIV	83227.75	5004	4887	4627	4501	377	387
77		CCL	G9	3699.5	4292	4115	4210	3933	82	182
78		CCL	G8	3065.4	4163	3896	3950	3752	213	144
79		CCL	G10	858.1	3815	3661	3830	3622	-15	39
80		CCL Washery	G8	9159.5	4680	4626	4671	4593	9	32
81	G10		2,399.00	4450	4378	4480	4390	-30	-11	
82	CCL		G11	3789.3	4215	4061	4105	3885	110	176

83		CCL	G13	2576.8	3791	3579	3892	3642	-101	-63
84		CCL	G14	1618.8	3143	2843	3227	3006	-85	-163
85		CCL	G10	15115.09	5026	4843	4963	4838	63	5
86		CCL	G8	2,262.20	4150	3987	4150	4054	0	-67
87	Feb-18	CCL	G10	3,865.51	4120	3920	4310	4219	-190	-298
88		CCL	WC	3,762.88	4660	4552	4410	4325	250	227
89		CCL	G5	9370.05	4860	4725	4461	4345	399	379
90		CCL	G7	3324.08	5043	4948	4599	4475	444	473
91		CCL	WIV	66082.77	5150	5040	4462	4348	688	692
92		CCL	G7	543.2	4225	4154	4400	4235	-175	-82
93		CCL	G8	25207.39	4470	4226	4288	4102	182	124
94		CCL	G9	823.4	4851	4676	3938	3743	913	933
95		CCL	G10	5912.47	3977	3799	4374	4136	-397	-337
96		CCL	G14	801.2	3639	3458	3410	3279	229	179
97	Mar-18	CCL	G8	6451.6	4718	4633	4736	4609	-19	24
98		CCL	G10	4620.1	4451	4340	4378	4262	73	78
99		CCL	G10	22876.74	4592	4465	4534	4345	58	119
100		CCL	G10	8111.87	4107	3922	4078	3971	28	-49
101		CCL	WIV	3,658.80	4740	4683	4530	4434	210	249
102		CCL	G12	1256	4071	3792	3929	3651	143	141
103		CCL	G13	6445.8	3749	3424	3895	3657	-146	-233
104		CCL	G7	8475.57	4818	4709	4118	3968	700	741
105		CCL	G8	3480.34	4655	4580	4058	3965	597	615
106		CCL	WIV	33778.29	4806	4705	4317	4208	489	497
107		CCL	G9	10972.2	4249	4027	4434	4230	-185	-203
108		CCL	G8	24813.74	4318	4125	4379	4218	-61	-94
109		CCL	G9	6520.47	3967	3824	4460	4276	-493	-452
110		CCL	G10	4976.64	4393	3674	4216	4074	177	-399
111	CCL	G14	1922.1	3805	3670	3970	3810	-165	-141	
112	Apr-18	CCL	G11	6475	4042	3884	3988	3858	54	26
113		CCL	G12	899.4	3435	3240	3630	3409	-195	-168
114		CCL	G13	8485.34	3672	3382	3850	3656	-178	-275
115		CCL	G10	14976.8	4242	4136	4478	4329	-235	-193
116		CCL	G13	9935.82	3394	3155	3744	3648	-350	-493
117		CCL	G7	5689.29	4465	4359	3771	3675	694	684
118		CCL	G8	3375.41	4611	4489	3317	3230	1294	1259
119		CCL	G11	2588.66	4478	4353	2511	2461	1967	1893
120		CCL	WIV	13070.45	4806	4712	4260	4155	546	557
121		CCL	G11	15338.68	4152	4039	4466	4301	-314	-262
122		CCL	G8	34252.08	4257	4051	4093	3965	164	86
123		CCL	G9	2531.45	4316	4139	3903	3782	414	357
124		CCL	G10	3199.5	4092	3927	4330	4119	-238	-192
125		CCL	G14	5908.91	4081	3899	3411	3358	670	541
126	CCL Washery	G8	7244.7	4741	4675	4571	4484	170	191	
127		WIV	4213.5	5024	4938	4691	4590	333	349	
128		WCP	3364.3	4660	4556	4550	4445	110	112	
129	CCL	G10	38270.9	4426	4317	4607	4518	-181	-202	
130	CCL	G10	3,561.40	3910	3788	4900	4761	-990	-973	
131	CCL	G13	11241.85	3618	3378	3816	3602	-197	-224	

132	May-18	CCL	G7	4166.17	4745	4640	3776	3680	970	960
133		CCL	G8	2405.43	4559	4456	4182	4110	377	346
134		CCL	G9	3377.57	4752	4654	3860	3794	892	860
135		CCL	WIV	1185.09	5713	5522	5330	5179	383	342
136		CCL	G11	15453.7	4163	3968	4285	4097	-123	-129
137		CCL	G8	1963.7	4128	3875	3851	3683	277	193
138		CCL	G9	10186.2	4705	4473	4035	3865	671	609
139		CCL	G14	3242.1	4245	3991	4082	3923	163	69
140	Jun-18	CCL Washery	WC	3,759.80	5070	4942	4310	4197	760	745
141		CCL	WC	4,044.70	3959	3743	2890	2760	1069	983
142		CCL	G10	3452.13	3870	3730	4310	4215	-440	-485
143		CCL	G10	14855	4285	4146	4395	4285	-110	-139
144		CCL	G9	13527.27	4345	4119	4350	4140	-5	-21
145			G11	2429.36	4067	3814	4084	3856	-17	-42
146		CCL	G8	11703.35	4382	4164	4955	4595	-573	-430
147		CCL	G10	5489.1	4242	3971	4522	4274	-280	-303
148	CCL	G12	1972.82	4139	3962	3748	3597	391	366	
149	Jul-18	CCL	WIV	9575.4	5009	4880	4820	4615	189	264
150		CCL	G8	6100.3	5000	4862	4826	4647	174	215
151		CCL	G10	3634.5	4530	4356	3400	3173	1130	1183
152		CCL	WC	3807.6	4420	4088	4370	4076	50	12
153		CCL	G10	22767.73	4266	3322	4031	3843	235	-521
154		CCL	G10	22178.54	4436	4256	4718	4543	-283	-287
155		CCL	WIV	1945.3	4850	4762	4690	4441	160	320
156		CCL	WC	2155.3	4740	4654	4410	4298	330	356
157		CCL	G13	15267.9	3476	3227	3816	3543	-340	-316
158		CCL	G7	3877.84	3573	3415	2514	2434	1059	982
159	CCL	G8	4148.39	4224	4052	4012	3821	212	231	
160	CCL	G9	3304.43	4356	4112	4650	4429	-294	-318	
161		G11	534	4328	4058	5170	4875	-842	-817	
162	CCL	WC	3933.7	4833	4471	4620	4418	213	53	
163	CCL	G10	14998.17	4534	4270	4513	4232	21	38	
164	Aug-18	CCL	G8	10281.2	4865	4709	4008	3871	857	839
165		CCL	G10	2,086.00	3650	3562	4200	4098	-550	-537
166		CCL	WIV	2,243.80	4450	4325	4170	4073	280	251
167		CCL	G10	19703.77	5134	4913	4655	4509	479	405
168		CCL	WIII	7495.92	4597	4426	4723	4587	-126	-161
169		CCL	G10	68888.63	4906	4736	4856	4721	50	15
170		CCL	WIV	3,248.14	5020	4772	4140	4040	880	732
171		CCL	WC	4167.29	5211	4982	4307	4169	904	813
172		CCL	G13	4078.7	3332	3005	3330	3116	2	-111
173		CCL	G8	2292.11	4196	4093	4240	3947	-44	147
174	CCL	G9	676.3	3901	3626	3740	3470	161	156	
175	CCL	G10	658.1	4134	3944	4110	3869	24	74	
176	CCL Washery	G10	10529.9	4256	4140	4182	4071	75	69	
177		G8	16071.77	4579	4460	4112	4007	467	453	
178	CCL	G10	10064.58	4805	4744	4453	4315	352	429	
179	CCL	WIV	4345.3	4639	4553	4765	4612	-126	-59	
180	CCL	WC	5064.12	5134	4978	4382	4278	752	700	

181	Sep-18	CCL	G13	3445.6	4069	3806	3830	3617	239	188
182		CCL	G10	17379.81	4608	4393	4639	4465	-31	-72
183		CCL	G8	2323.78	4400	4227	4330	4190	70	38
184		CCL	WIII	26039.8	5096	4844	5050	4898	46	-53
185		CCL	G10	32550.36	4616	4451	4419	4312	196	139
186		CCL	G11	4,130.50	3883	3552	3620	3385	263	167
187		CCL	G8	1323.3	4199	3897	3680	3524	519	373
188		CCL	G9	1260.9	4145	3820	3700	3494	445	326
189		CCL	G10	1104.9	3358	3191	3670	3505	-312	-314
190	Oct-18	CCL	G8	3,358.09	4940	4875	4680	4571	260	304
191		CCL	WC	3964.1	4252	4103	4700	4628	-448	-525
192		CCL	G13	11023.32	4210	3889	4213	3955	-3	-65
193		CCL	G10	20564.37	4431	4284	4511	4403	-80	-119
194		CCL	WIII	12827.84	5225	5025	4401	4309	824	716
195		CCL	G10	14566.5	4574	4433	4576	4461	-2	-29
196		CCL	WIV	3,162.80	5420	5415	4740	4649	680	765
197		CCL	WIII	2,417.14	5550	5539	5050	4942	500	596
198		CCL	G10	1360.8	4970	4950	4810	4605	160	345
199		CCL	WIV	2068.4	4886	4777	3780	3680	1106	1097
200		CCL	G11	3857.9	4588	4298	4280	4020	308	278
201			G9	15090.38	4317	4050	4231	4015	87	35
202	CCL	G8	6539.1	4495	4123	4368	4102	127	21	
203	CCL	G9	3818.69	4323	4072	4529	4280	-206	-208	
204	CCL Washery	G8	28374.29	4809	4731	4339	4253	470	478	
205		G10	3543.88	4715	4626	4313	4217	402	408	
206		WIV	679.07	4605	4528	4531	4404	74	124	
207	CCL	G10	2,436.20	4450	4414	4270	4184	180	230	
208	CCL	WIV	1,443.20	4080	4031	3800	3719	280	311	
209	CCL	G8	4993.69	4490	4336	4777	4672	-287	-337	
210	Nov-18	CCL	G10	30505.39	4560	4393	4737	4612	-178	-219
211		CCL	WIII	28428.7	4689	4499	4741	4605	-52	-106
212		CCL	WC	4386	4386	4193	4250	4078	136	114
213		CCL	G10	52942.51	4272	4125	4389	4285	-116	-160
214		CCL	G11	7162.2	4489	4246	4189	3989	300	257
215		CCL	WCP	3894.44	5134	4885	4710	4610	424	275
216		CCL	G7	1103.9	4795	4525	4794	4514	1	11
217		CCL	G8	2823.2	4793	4373	4640	4358	153	15
218		CCL	G9	807.9	4795	4547	4380	4215	415	333
219		CCL	G10	3469.34	4448	4355	4164	4084	285	272
220	Dec-18	CCL	WC	1,880.85	4280	4211	4430	4354	-150	-143
221		CCL	WIV	1822.7	4480	4399	3950	3842	530	557
222		CCL	WC	11457.22	4344	4180	4127	3965	217	215
223		CCL	WIII	10544.95	5159	4981	4271	4164	888	817
224		CCL	G9	774.3	3909	3703	4250	4067	-341	-363
225		CCL	G12	1194.3	3758	3492	4060	3868	-302	-376
226		CCL	G13	1898.6	3864	3634	3620	3398	244	236
227		CCL	G9	15250.57	4768	4530	4725	4507	43	22
228		CCL	G7	6540.7	5168	4675	5195	4975	-27	-300
229		CCL	G8	2119.1	5256	4911	5094	4721	162	190

230		CCL	G9	2995.6	5039	4758	4858	4580	181	178
231	Jan-19	CCL	WIV	835.4	4860	4757	4650	4551	210	206
232		CCL	G8	3228.8	4500	4418	4840	4708	-340	-289
233		CCL	WC	23256.6	4485	4293	4323	4099	163	194
234		CCL	G10	8273.6	4547	4391	4435	4314	112	78
235		CCL	G9	1968	3507	3283	3560	3334	-53	-50
236		CCL	G13	2443.25	3697	3489	3570	3337	127	153
237		CCL	G7	4046.72	4774	4362	5134	4668	-360	-306
238		CCL	G8	1356.29	4821	4498	4858	4598	-36	-100
239		CCL	G9	2155.04	4938	4672	4852	4492	86	180
240		Feb-19	CCL Washery	G08	4,147.20	4810	4727	4230	4128	580
241	CCL		WC	24226	4505	4308	4133	3912	372	395
242	CCL		G9	1556.9	3875	3610	3780	3508	95	101
243	CCL		G9	811.8	4486	4182	3540	3326	946	855
244	CCL		G13	3215.9	3397	3096	4550	4417	-1153	-1321
245	CCL		G9	4758.4	4883	4819	4573	4324	310	496
246			G11	14949.55	4300	4107	4290	4071	10	36
247	CCL		G7	14062.51	4996	4658	5345	5017	-350	-359
248	CCL		G8	3220.19	4717	4422	5013	4706	-296	-284
249	CCL		G9	6266.41	4894	4595	4768	4509	126	86
250	Mar-19	CCL	WCP	3869.8	4590	4428	4330	4221	260	208
251		CCL	WC	8656.9	3942	3766	3965	3781	-23	-15
252		CCL	G11	4161.35	4300	4102	2270	2121	2030	1981
253		CCL	G7	5196.05	4956	4618	4940	4585	16	32
254		CCL	G8	702.8	4894	4478	4890	4685	4	-208
255		CCL	G9	2212.9	4807	4478	4699	4461	108	18
256	Apr-19	CCL	WC	3774.2	3958	3795	3370	3248	588	547
257	May-19	CCL	WC	42430	4427	4323	4120	3962	307	361
258		CCL	WV	1954.6	4080	4039	3520	3442	560	597
259		CCL	WIV	2108.88	3890	3851	3780	3707	110	144
260		CCL	G5	1320.1	3790	3475	3760	3576	30	-101
261		CCL	G13	1365.95	3707	3625	3700	3492	7	132
262	Jun-19	CCL	WC	15357	4966	4777	4223	4023	743	755
263		CCL	WIV	3776.5	4550	4403	3670	3573	880	830
264		CCL	WIV	4071.4	5870	5834	4270	4124	1600	1710
265		CCL	WV	4071.4	5820	5796	3930	3827	1890	1969
266		CCL	G8	4071.4	5620	5597	3730	3614	1890	1984
267		CCL	WV	3951.3	5400	5248	4530	4430	870	818
268		CCL	WIV	3951.3	5350	5194	5260	5175	90	18
269		CCL	G11	4244.7	4249	4072	4360	4228	-111	-156
270		CCL	G12	3855.5	3944	3704	3720	3376	224	327
271		CCL	WIV	3782.8	4210	4104	4710	4525	-500	-422
272	Jul-19	CCL	WC	7426.60	4638	4412	4591	4274	47	138
273		CCL	WIV	3814.7	4560	4394	3880	3708	680	687
274		CCL	WIV	5655.41	4474	4395	4120	3978	353	417
275		CCL	WV	5083.37	3990	3944	4055	3932	-65	12
276		CCL	WV	4149.6	4580	4469	4200	3980	380	490
277		CCL	WCP	7962.50	5725	5473	6125	5949	-401	-476
278		CCL	G12	3982.2	3835	3460	3730	3338	105	122

279		CCL	G9	3135.2	3584	3241	4510	4254	-926	-1013	
280		CCL	WV	31540.40	4595	4431	4501	4311	94	120	
281	Aug-19	CCL	WC	7817.83	3999	3792	4206	3943	-207	-151	
282		CCL	WIV	3864.3	4690	4538	4570	4369	120	168	
283		CCL	WV	1265.6	3980	3871	3940	3825	40	47	
284		CCL	WIV	6748.00	4134	4031	3503	3402	631	629	
285		CCL	WV	8023.40	5025	4889	4245	4071	780	818	
286		CCL	G9	6105.31	4755	4443	4584	4241	171	202	
287		CCL	G11	14443.88	3634	3313	3775	3465	-141	-152	
288		CCL	G8	2619.01	4337	4032	4540	4214	-203	-182	
289		CCL	G9	1350.95	4267	3986	4340	4012	-73	-26	
290		CCL	WV	19792.60	4323	4134	4582	4416	-258	-282	
291		Sep-19	CCL	WIV	3986.9	4890	4727	4600	4470	290	258
292			CCL	WIV	2981.2	4230	4162	4000	3862	230	300
293			CCL	WV	1044.6	4220	3969	3540	3361	680	608
294	CCL		WIV	4061	3940	3860	4260	4067	-320	-207	
295	CCL		WCP	3940.7	5630	5213	4830	4722	800	492	
296	CCL		WIV	1364.6	5130	5078	4760	4571	370	506	
297	CCL		WV	2764.0	5210	5105	4350	4155	860	950	
298	CCL		G10	7837.70	3928	3565	3729	3395	199	170	
299	CCL		G11	3822.0	4183	3874	3900	3640	283	234	
300	CCL		WC	3662.4	4451	4154.266667	3700	3352	751	802	
301	CCL		WIV	7225.70	4476	4300	4225	3920	251	380	
302	CCL		WV	13536.90	4218	4072	4093	3924	125	148	
303	Oct-19		CCL	WC	11193.20	4130	3934	4271	4060	-141	-126
304		CCL	G12	1189.62	3517	3345	3620	3363	-103	-19	
305		CCL	G05	406.97	4525	4153	3890	3608	635	545	
306		CCL	G10	2416.11	4467	4375	3710	3439	757	936	
307		CCL	WIV	20788.40	4602	4475	4194	4062	409	413	
308		CCL	WV	8160.10	4414	4272	3861	3740	553	532	
309		CCL	WIV	3973.2	4850	4718	4170	4040	680	678	
310		CCL	WIV	4240.2	4750	4625	4750	4644	0	-19	
311		CCL	WV	4240.2	4870	4727	4040	3986	830	741	
312		CCL	G9	36027.46	3903	3657	3908	3741	-4	-84	
313		CCL	G10	102140.53	3724	3473	3613	3386	112	87	
314		CCL	G11	37396.58	3674	3435	3852	3598	-178	-163	
315		CCL	G11	7704.70	3721	3331	3383	3127	337	205	
316	CCL	WIV	3290.14	3730	3613	4010	3892	-280	-279		
317	CCL	WV	4724.39	4054	3921	4093	4020	-39	-98		
318	Nov-19	CCL	WIV	29079.50	4791	4653	4395	4280	396	372	
319		CCL	WV	2781.0	4720	4568	4120	4041	600	527	
320		CCL	G11	7648.20	3698	3372	3640	3283	58	88	
321		CCL	G8	3951.9	4295	4042	4200	3880	95	161	
322		CCL	WIV	6972.60	4712	4637	3990	3875	723	762	
323		CCL	WV	21407.70	4793	4712	4327	4196	466	516	
324		CCL	WIV	4051.5	4970	4865	4270	4158	700	707	
325		CCL	WV	4023.5	4800	4698	4280	4228	520	470	
326		CCL	WCP	7977.60	5059	4795	4303	4188	756	607	
327		CCL	WV	3017.4	5190	5085	5030	4908	160	177	

377		CCL	WV	7921.70	4272	4137	4385	4227	-113	-90
378	Feb-20	CCL	WC	76659.40	4635	4477	4214	3986	421	491
379		CCL	G9	1621.7	4777	4713	4780	4600	-3	113
380		CCL	G12	2369.8	4059	3846	3760	3539	299	307
381		CCL	G8	3967.9	4601	4419	3820	3593	781	825
382		CCL	G5	3258.50	5232	4914	4442	4105	790	809
383		CCL	G11	3668.29	4379	4165	4181	3936	198	229
384		CCL	G13	5429.53	3689	3430	3590	3357	99	73
385		CCL	WIII	16133.40	4319	4178	4398	4267	-80	-88
386		CCL	WIV	24421.50	4393	4239	4608	4475	-214	-237
387		CCL	WIV	3138.40	4437	4364	4250	4142	188	222
388		CCL	WV	4985.80	4093	4028	3918	3832	175	197
389		CCL	WIV	3871.3	5520	5408	4300	4205	1220	1204
390		CCL	WV	11778.00	5233	5106	4671	4519	562	587
391		CCL	WCP	3941.9	5670	5429	3640	3555	2030	1874
392		CCL	G11	1507.3	3448	3187	3500	3250	-52	-64
393		CCL	G13	2567.6	3446	3215	3170	3022	276	193
394		CCL	WIII	3996.0	5310	5181	4420	4322	890	860
395		CCL	WV	2066.9	5250	5138	5420	5316	-170	-177
396		CCL	WIV	5983.50	5337	5242	4886	4749	451	493
397		CCL	G11	33503.90	4285	4112	3871	3639	414	473
398	Mar-20	CCL	WC	63859.40	4503	4317	4199	3902	304	415
399		CCL	G11	6270.65	4026	3745	4050	3873	-24	-128
400		CCL	G8	7370.35	4662	4436	4414	4246	248	190
401		CCL	G9	6973.86	4540	4356	4245	4061	295	295
402		CCL	G5	8734.60	5483	5139	4844	4437	639	702
403		CCL	G11	9516.60	4259	4062	3982	3749	278	313
404		CCL	G13	11276.40	3822	3585	3831	3603	-10	-18
405		CCL	WIII	13550.70	4822	4637	4836	4704	-14	-66
406		CCL	WIV	4590.49	4249	4140	4962	4825	-714	-685
407		CCL	WV	9032.72	4579	4407	4495	4360	83	47
408		CCL	WIV	25570.51	4505	4434	4235	4153	269	281
409		CCL	WV	10758.08	4372	4295	4082	4011	290	285
410		CCL	WV	16023.20	5223	5102	4792	4689	431	413
411		CCL	G13	12030.40	3707	3430	3603	3354	105	76
412		CCL	WCP	11884.40	5578	5465	5069	4982	509	483
413		CCL	WV	12065.60	4998	4881	5082	4953	-83	-73
414		CCL	G11	12689.80	3784	3600	3957	3795	-173	-195
415		CCL	G9	7921.40	4648	4468	3873	3720	775	749
416		CCL	G8	3511.1	4401	4267	3870	3722	531	545
417		CCL	G6	1394.4	4498	4257	4570	4403	-72	-147
418	CCL	G7	12489.40	4677	4457	4494	4343	183	114	
419	CCL	G8	5376.80	4725	4424	4690	4489	34	-65	
420	CCL	G9	2606.67	4406	4188	4516	4331	-111	-142	
421	CCL	WV	40447.40	4056	3953	4277	4162	-221	-209	
422	CCL	G5	2291.1	5483	5166	4744	4402	740	764	
423	CCL	G11	2181.96	4232	4068	3956	3781	276	287	
424	CCL	G12	2112.6	3761	3558	3528	3342	233	216	
425	CCL	G13	1626.4	3723	3531	3580	3377	143	154	

426	Apr-20	CCL	WV	4165.0	5090	5018	4370	4357	720	661	
427		CCL	WV	4087.6	5040	4928	5150	4940	-110	-12	
428		CCL	G11	7981.1	4271	4071	3947	3781	324	289	
429		CCL	WC	3876.0	4879	4745	3790	3641	1089	1104	
430		CCL	G12	15623.1	3672	3347	3396	3232	276	115	
431		CCL	G7	8929.25	5115	4937	4696	4558	418	378	
432		CCL	G8	3437.25	4797	4627	4903	4685	-106	-58	
433		CCL	WIV	3015.7	5180	5075	5140	5067	40	8	
434	May-20	CCL	WC	4055.3	4496	4410	4150	4046	346	364	
435		CCL	G7	5382.74	4840	4776	4406	4256	434	520	
436		CCL	G8	1003.4	5120	5045	4630	4538	490	507	
437		CCL	G11	1615.74	4479	4294	3758	3644	721	650	
438		CCL	G7	13649.15	5546	5379	4736	4548	811	832	
439		CCL	G11	12776.92	4303	4160	3898	3764	405	396	
440		CCL	G12	4735.69	4015	3819	3568	3433	447	385	
441		CCL	G13	5078.53	3678	3511	3497	3338	181	173	
442		CCL	G11	7683.8	4054	3961	4099	3926	-45	35	
443		CCL	G9	12432.7	4816	4711	4323	4086	493	625	
444		CCL	G11	15814	3494	3190	3175	2989	319	201	
445		CCL	G12	263788.5	3524	3229	3285	3069	239	160	
446		CCL	G7	8144.69	5199	4997	4229	4027	970	971	
447		CCL	G8	22103.08	4924	4716	4135	3921	789	795	
448		CCL	G9	9996.17	4803	4612	3935	3765	868	847	
449		Jun-20	CCL	G7	2083.9	4591	4433	4900	4696	-309	-264
450			CCL	G8	1030.0	4728	4472	4710	4554	18	-81
451			CCL	G11	473.4	3718	3429	3520	3377	198	52
452			CCL	G13	3787.8	3551	3230	3940	3704	-389	-474
453			CCL	G10	43956.2	3608	3318	3259	2915	349	403
454	CCL		G12	59911.56	3635	3340	3623	3233	12	107	
455	CCL		G8	10925.45	5089	4802	4895	4524	194	277	
456	CCL		G9	3891.6	4965	4648	4278	3987	687	661	
457	Jul-20	CCL	WC	163943.1	4614	4389	4215	3968	399	421	
458		CCL	G13	7098.02	3462	3120	3644	3362	-182	-241	
459		CCL	G12	48580.6	3774	3460	3437	3170	337	290	
460		CCL	WV	4099.7	4610	4508	3840	3656	770	852	
461	Aug-20	CCL	WC	35433.4	4472	4264	4146	3822	326	442	
462		CCL	G7	354.6	5192	5008	3810	3598	1382	1411	
463		CCL	G11	2817.2	4005	3739	3850	3579	155	160	
464		CCL	G13	822.0	3668	3492	4180	3990	-512	-499	
465		CCL	WIV	4530	4826	4634	4069	3959	757	675	
466		CCL	WV	5183.7	4353	4189	4313	4205	39	-17	
467		CCL	WIV	20494	4937	4845	3924	3792	1013	1053	
468		CCL	WV	11004.47	4885	4783	3896	3775	989	1009	
469		CCL	W IV	4578.8	3850	3594	3490	3290	360	303	
470		CCL	WIV	7129.4	5545	5396	4632	4535	913	861	
471		CCL	WV	5132.6	4612	4487	4157	4089	455	397	
472		CCL	WV	35526	4790	4601	4165	3938	625	663	
473		CCL	G12	111434.2	3547	3225	3577	3125	-30	100	
474		CCL	WV	12105.4	4393	4255	4376	4256	18	-1	

475	Sep-20	CCL	G10	46838.3	3820	3480	3276	2916	544	563
476		CCL	G11	16467	4397	4091	3333	2965	1065	1126
477		CCL	G12	44520	3692	3369	3468	3038	225	331
478		CCL	G8	8269.7	4849	4591	4611	4359	238	232
479		CCL	WV	23743.7	4788	4620	4009	3887	779	733
480	Oct-20	NTPC PB	G9	11759.3	4284	3994	4417	4116	-133	-122
481		CCL	WIV	2747.2	4166	4027	3839	3723	327	304
482		CCL	WV	9342.2	4118	3965	4106	4015	12	-50
483		CCL	WIV	2307.8	5450	5313	3982	3918	1468	1395
484		CCL	WV	1724.6	4706	4573	4011	3930	695	643
485		CCL	G12	182436.6	3850	3505	3542	3158	308	348
486		CCL	G7	2288.75	4381	4164	4663	4477	-282	-313
487		CCL	G8	1044.25	4468	4251	4286	3955	182	295
488		CCL	G9	686.9	4780	4355	4272	3937	508	418
489		CCL	WV	109675.4	4259	4113	4017	3883	242	230
490	Nov-20	NTPC PB	G9	35664.6	4474	4174	4360	4106	114	69
491		CCL	G9	4039.4	4328	4144	2133	2060	2195	2085
492		CCL	WIV	13105.8	5306	5187	4990	4951	316	236
493		CCL	WV	6796.5	4764	4674	4509	4447	255	228
494		CCL	G12	171065.5	3520	3220	3286	2938	234	281
495		CCL	G7	689.9	4379	4192	4392	4238	-13	-46
496		CCL	G8	16633.6	4751	4499	4773	4551	-23	-52
497		CCL	G9	2417.5	4364	4129	4207	4007	158	122
498		CCL	G12	4271.2	3856	3696	3511	3322	345	374
499		CCL	WV	112607.1	4259	4124	3783	3678	476	446
500	Dec-20	CCL	WC	8113.1	3940	3712	3953	3607	-13	105
501		NTPC PB	G9	35652.6	4714	4425	4453	4195	261	229
502		CCL	G10	6109.2	4475	4259	3910	3669	565	590
503		CCL	G11	425.3	4146	3894	3950	3723	196	171
504		CCL	G12	1245.7	3216	3024	3296	3138	-79	-113
505		CCL	G11	2130.0	4264	4033	3745	3682	519	351
506		CCL	G12	1988.0	4025	3744	3554	3365	471	379
507		CCL	G12	3820.9	3269	2982	3717	3289	-448	-308
508		CCL	G13	3260.9	4470	4479	3010	2845	1460	1634
509		CCL	G12	45214.6	3873	3545	3333	2980	540	566
510		CCL	G13	22502.58	3824	3485	3429	3096	395	389
511		CCL	G8	41313.69	4890	4629	4570	4325	319	304
512		CCL	G9	14810.7	4487	4251	4014	3846	473	405
513		CCL	G11	3105.8	4596	4424	4049	3792	548	632
514		CCL	G12	687.4	4624	4373	3953	3607	671	766
515	CCL	WV	4027.2	4462	4354	3701	3649	761	705	
516	Jan-21	CCL	G9	35770.2	4491	4255	4225	3963	267	291
517		CCL	G9	3682.4	4502	4245	4655	4375	-153	-130
518		CCL	G13	53445.69	4009	3660	3441	3077	568	583
519		CCL	G7	12733.9	5175	4979	4835	4557	341	422
520		CCL	G8	29245.22	5141	4934	4803	4511	338	423
521		CCL	G9	18770.93	5024	4831	4226	4000	797	831
522		CCL	G11	2058.54	4408	4197	4216	3930	192	267
523		CCL	G9	263.5	4579	4366	4261	3891	318	475

524		CCL	G10	3077.7	4442	4294	4467	4339	-25	-45
525		CCL	G12	472.5	3307	3286	3363	3224	-56	62
526		CCL	G13	4075.0	3819	3495	3854	3583	-35	-88
527		CCL	G11	3226.4	4351	4150	3859	3584	492	566
528		CCL	WV	4054.2	4798	4590	4226	4119	572	471
529		CCL	WIV	12066.7	4392	4273	3804	3760	589	513
530		CCL	G6	9777.9	4860	4690	4185	4013	675	677
531		CCL	WIV	8103.96	5011	4919	3979	3812	1031	1107
532		CCL	WV	3974.4	5266	5139	4828	4779	438	359
533		CCL	WIV	2718.8	5234	5123	5076	4989	158	134
534	Feb-21	CCL	WV	1238.9	4682	4578	4739	4682	-57	-103
535		CCL	G9	7459.8	4660	4496	4692	4368	-32	128
536		CCL	G10	3759.2	4461	4211	4424	4146	37	65
537		CCL	G10	1273.4	4489	4281	4265	4039	224	242
538		CCL	G9	2382.4	4462	4295	4292	4035	170	260
539		CCL	G12	11738.4	3329	3122	3447	3075	-118	47
540		CCL	G11	31179	3531	3248	3652	3223	-121	24
541		CCL	G13	113421.4	3394	3154	3531	3164	-137	-11
542		CCL	G7	10081.64	4936	4701	4135	3961	802	740
543		CCL	G8	42787.9	4788	4517	4163	3970	625	548
544		CCL	G9	12850.51	4942	4677	4212	3994	730	683
545		CCL	WV	7697.9	4532	4386	3719	3573	813	813
546		CCL	WC	7836	4622	4550	3979	3671	642	879
547		CCL	G11	7794.3	3385	3170	3368	3199	18	-30
548		CCL	G8	1400.1	4723	4400	4809	4491	-86	-91
549		CCL	G10	6151.7	4768	4546	4324	4048	444	498
550		CCL	G12	356.6	3498	3338	3193	3039	305	299
551		CCL	WV	27240.88	4636	4485	4049	3972	586	513
552		CCL	WIV	9884.9	4617	4510	3883	3827	733	684
553		CCL	WV	1931.3	4266	4227	3633	3593	633	635
554		CCL	G11	2731.1	4303	4015	4266	4049	37	-34
555		CCL	G12	1171.9	4284	4007	3672	3512	612	495
556		CCL	G6	17079.92	4941	4761	3962	3810	979	951
557	Mar-21	CCL	WIV	18764.35	4796	4701	3857	3725	939	977
558		CCL	WIV	3674.4	5581	5446	4065	4016	1516	1430
559		CCL	WIV	1067.4	5204	5078	5222	5164	-18	-86
560		CCL	WV	6669.53	5344	5211	4800	4734	544	477
561		CCL	G9	11961	4150	4055	3995	3794	155	260
562		CCL	G9	4051.4	3861	3754	4250	4073	-389	-320
563		CCL	G12	15941.7	3446	3202	3511	3182	-65	20
564		CCL	G12	36053	3123	2900	3619	3265	-496	-365
565		CCL	G13	190321.06	3287	3049	3556	3208	-269	-160
566		CCL	G7	1351.3	4846	4655	4359	4156	487	498
567		CCL	G8	10911.62	5280	5074	4557	4362	724	712
568		CCL	G9	2433.8	5261	5051	4550	4354	711	697
569		CCL	WV	11671.6	4732	4604	4044	3922	688	682
570		CCL	WC	7820.6	4661	4572	4079	3844	582	728
571		NTPC PB	G9	4002.7	5624	5443	5638	5277	-14	166
572		CCL	WIV	3856.6	5434	5363	4257	4244	1177	1119

573		CCL	G11	689.4	4145	3951	4358	4150	-213	-199
574		CCL	G8	4058.7	4763	4722	4524	4292	239	430
575		CCL	G9	3588.05	4847	4749	4207	4028	640	720
576		BCCL	WIV	309.6	4867	4847	5276	5090	-409	-243
577		BCCL	WV	6036.17	4978	4924	4012	3964	965	959
578		CCL	G7	196.5	5559	5336	4996	4703	563	633
579		CCL	G11	1306.1	3633	3426	3829	3639	-196	-213
580		CCL	G13	2567.1	3646	3347	3716	3602	-70	-255
581		CCL	WIV	7842.9	4540.5	4424.8	4326.2	4252.8	214	172
582		CCL	WV	14794.57	4552.6	4438.0	3854.8	3781.8	698	656
583		CCL	WIV	11398.44	4719.3	4650.8	3881.2	3769.2	838	882
584		CCL	WV	3796.78	4581.2	4522.7	4023.3	3925.8	558	597
585		BCCL	WIV	16030.06	4747.7	4708.5	3787.8	3720.4	960	988
586	Apr-21	BCCL	WV	1090.0	3235	3222	3689	3674	-454	-452
587		BCCL	WIV	3745.3	5322	5241	4338	4246	984	995
588		CCL	G11	1992.2	4468	4183	4105	4079	363	103
589		CCL	G12	1996.7	4153	3933	3699	3432	454	501
590		CCL	G6	14978.18	5010.6	4843.8	4452.6	4287.4	558	556
591		CCL	WIV	15823.78	4717.9	4615.2	4367.2	4225.4	351	390
592		CCL	WIV	6116.05	5207.8	5070.7	4313.4	4217.0	894	854
593		CCL	WV	4442.89	4912.5	4784.9	4646.0	4625.3	267	160
594		CCL	WIV	714.2	4701	4592	4619	4442	82	150
595		CCL	WV	15123.27	4848.6	4740.9	4687.8	4524.7	161	216
596		BCCL	WIV	3713.1	5452	5430	4232	4151	1220	1279
597		CCL	G12	3990.5	2951	2736	3641	3337	-690	-601
598		CCL	G12	7902.5	3338.8	3044.1	3958.1	3592.6	-619	-548
599		CCL	G13	185656.1	3310.3	3114.1	3736.3	3398.7	-426	-285
600		CCL	G8	5574.66	5216.0	5038.5	5111.9	4852.9	104	186
601		CCL	G9	2362.47	5341.6	5159.6	4329.5	4119.0	1012	1041
602		CCL	WV	19679.77	4553.0	4461.7	4048.5	3886.5	505	575
603		CCL	WC	7996.4	4640	4433	4295	3933	345	499
604		NTPC	G9	11732.9	5106	5012	4602	4351	504	661
605		CCL	WIV	7900.2	4655	4274	4488	4217	167	57
606		BCCL	WV	3729.3	4807	4681	4069	4024	738	657
607		BCCL	WIV	3888.4	4966	4860	3310	3297	1656	1564
608		CCL	G7	1093.8	5386	5356	5125	4697	261	659
609		CCL	G11	2281.0	3910	3712	3825	3445	85	267
610		CCL	G12	749.0	3428	3299	3448	3122	-20	177
611		CCL	WV	30714.9	4634	4509	4078	3979	556	530
612		CCL	WIV	5447.45	5272	5125	3940	3792	1332	1333
613		CCL	WV	9834.31	4931	4806	3911	3801	1020	1005
614		BCCL	WIV	5638.32	4295	4222	4388	4283	-93	-60
615	May-21	CCL	G6	271.5	4728	4385	4365	4096	363	290
616		CCL	WIV	3485.1	4650	4332	4438	4136	212	196
617		CCL	G11	3993.8	3416	3237	3949	3646	-533	-409
618		CCL	WIV	11744.04	5234	5120	5302	5151	-68	-32
619		CCL	WV	3858	5013	4900	5360	5200	-347	-300
620		BCCL	WIV	26167.6	5288	5131	3759	3661	1529	1471
621		BCCL	WV	1373.6	4779	4731	4071	4034	708	697

622		BCCL	WV	852.0	4546	4454	4066	3815	480	639
623		CCL	G13	190619.4	3491	3300	3699	3312	-208	-12
624		CCL	G7	1393.5	4731	4360	4462	4214	269	146
625		CCL	G8	2686.6	4820	4609	4333	4109	487	500
626		BCCL	WIV	18224.9	5577	5415	3798	3690	1778	1725
627		CCL	WV	15603.6	4209	4099	4097	3927	112	172
628		CCL	WC	3997.0	4453	4207	4774	4270	-321	-63
629		NTPC	G09	39771.3	4677	4390	4511	4219	166	171
630		CCL	WIV	31212.6	4861	4555	4506	4394	355	160
631		CCL	G8	627.7	4159	3959	4256	4228	-97	-270
632		CCL	G9	3273.8	4860	4605	4514	4411	346	194
633		BCCL	WV	2130.0	4809	4741	4031	3839	778	901
634		CCL	WV	18303.8	4644	4496	4496	4394	148	101
635		CCL	WIV	3955.6	5490	5423	3686	3652	1804	1771
636		CCL	WIV	3396.4	4915	4796	4745	4664	170	133
637		CCL	WV	562.0	3952	3853	3617	3555	335	298
638		BCCL	WIV	7538	5426	5348	4522	4289	903	1059
639		BCCL	WV	2111.8	4724	4648	3802	3703	923	946
640		BCCL	WIV	353.4	5905	5798	4394	4265	1511	1532
641		BCCL	WV	5938.62	4715	4602	4378	4157	337	445
642	Jun-21	CCL	G6	1523.6	4764	4237	3892	3635	872	602
643		CCL	WIV	2196.1	4148	3769	4576	4298	-428	-529
644		ECL	G05	3965.2	6131	6190	5518	5188	613	1002
645		ECL	WV	3202.0	6042	5539	5477	5016	565	522
646		ECL	G04	3468.7	6154	5660	5952	5572	202	88
647		CCL	WIV	2705.9	5048	4926	4449	4350	599	576
648		CCL	WV	1141.7	4765	4635	5008	4911	-243	-276
649		CCL	G11	3895.8	3703	3498	3951	3858	-248	-360
650		BCCL	WIV	7916.4	5490	5352	3543	3493	1947	1858
651		BCCL	WIV	3126.1	5745	5592	4850	4574	895	1018
652		CCL	G13	175193.2	3756	3482	3804	3370	-48	111
653		CCL	G7	5701.51	4678	4419	4243	4012	435	407
654		CCL	G8	26143.8	4942	4670	4596	4288	346	382
655		BCCL	WIV	3931.0	5472	5201	4047	3834	1425	1368
656		CCL	WV	8313.2	4469	4297	4243	3957	226	340
657		NTPC	G9	113571	4667	4402	4517	4196	150	206
658		CCL	WIV	20047.02	4563	4205	4628	4396	-66	-191
659		CCL	G9	1905.5	4012	3848	3684	3364	328	484
660		CCL	G11	2011.5	2801	2644	3421	3217	-620	-573
661		BCCL	WV	2030.0	4958	4712	4316	4242	642	470
662		CCL	WV	3609.3	4425	4278	4612	4631	-187	-353
663		CCL	G11	2042.4	4086	3738	3642	3316	444	422
664		CCL	G12	1862.6	3872	3612	3873	3557	-1	55
665		CCL	WV	3703.6	4472	4351	4860	4684	-388	-333
666		ECL	G06	1777.7	5469	5115	4763	4429	706	686
667		ECL	G04	1695.9	5469	5132	4617	4235	852	897
668		ECL	G05	3613.8	5888	5607	5200	5025	688	582
669	Jul-21	CCL	G11	5735.5	3511	3291	3541	3162	-30	129
670		CCL	G12	7929	3372	3114	3643	3319	-271	-205

671		ECL	G05	3954.1	5984	5732	5221	4905	763	827
672		ECL	G04	488.0	5640	5283	4518	4354	1122	928
673		ECL	G03	2806	5543	5165	5448	5240	95	-75
674		CCL	W04	3829.6	5406	5110	4205	4064	1201	1047
675		BCCL	WIV	1754.6	5838	5643	4496	4292	1342	1351
676		BCCL	WV	2240.0	5645	5450	3470	3379	2175	2071
677		CCL	G13	3919.2	4117	3786	3649	3288	468	498
678		CCL	G13	102628.2	3846	3487	3745	3291	101	196
679		CCL	G7	2062.2	5298	5023	4788	4515	510	507
680		CCL	G8	5918.8	5067	4811	4972	4765	95	46
681		BCCL	WIV	8136.4	5390	5238	4167	4039	1223	1199
682		CCL	WV	15839.9	4748	4594	4404	4226	344	368
683		CCL	WC	8105.9	4787	4559	4554	4241	232	317
684		NTPC PB	G9	3993.6	5208	4884	4674	4391	534	493
685		CCL	G11	3992.3	3797	3622	3756	3471	41	151
686		CCL	WIV	28158.1	5132	4791	4651	4434	482	357
687		CCL	G9	3982.2	4307	4085	4005	3789	302	296
688		SCCL	G10	7800.6	3885	3652	3776	3413	109	239
689		BCCL	WV	3690.1	4276	4085	3687	3582	589	503
690		BCCL	WV	3834.4	5050	4820	3760	3729	1290	1091
691		CCL	G11	2102.2	3605	3452	3922	3598	-317	-146
692		CCL	G12	1909.0	3412	3120	3487	3242	-75	-122
693		CCL	G6	4130.0	5010	4590	4766	4550	244	40
694		BCCL	WIV	3905.0	5019	4913	4318	4265	701	647
695		CCL	G6	7835.1	4648	4324	4700	4480	-52	-156
696		CCL	WIV	5921.6	5322	5153	5518	5305	-196	-153
697		CCL	WV	5899.6	4687	4535	4410	4318	276	217
698		CCL	G10	1398.8	4668	4439	3705	3447	963	992
699	Aug-21	CCL	G11	203.5	4197	3890	3194	2956	1003	934
700		CCL	G12	7670.5	3693	3391	3686	3380	7	11
701		SCCL	G13	7663.5	3619	3377	3439	3198	180	179
702		CCL	WIV	7609.1	5076	4877	4583	4423	492	454
703		BCCL	WIV	3859.2	5488	5244	3384	3199	2104	2046
704		BCCL	WIV	902.0	5785	5639	4124	3875	1661	1764
705		CCL	G10	4008.6	4017	3742	4377	3629	-360	113
706		CCL	G11	27890.5	4360	3942	3913	3429	446	513
707		CCL	G12	15835.6	4604	4163	4021	3511	583	652
708		CCL	G13	11932.3	4077	3696	3886	3301	191	395
709		SCCL	G10	38818	4585	4410	4064	3849	521	561
710		CCL	G7	2054.3	5280	5269	4521	4323	759	946
711		CCL	G8	9883.3	5032	4954	4397	4179	635	775
712		CCL	G9	3981.6	4925	4632	4544	4287	381	345
713		BCCL	WIV	11496.7	5581	5412	4066	3871	1515	1541
714		CCL	WV	8341	4600	4444	4607	4422	-7	22
715		BCCL	WIV	21048.62	5359	4964	3824	3675	1535	1290
716		BCCL	WVI	23938.05	4024	3829	4053	3887	-29	-58
717		CCL	WC	3928.7	4307	4114	4180	3975	127	139
718		CCL	WIV	39295.4	4946	4611	4416	4223	530	388
719		CCL	G9	4017.0	4219	3899	4396	4170	-177	-271

720		BCCL	WV	7913.7	4547	4368	3176	3086	1370	1282
721		BCCL	WV	11351.1	4901	4673	4345	4245	556	428
722		BCCL	WV	3898.5	5503	5241	3720	3630	1783	1612
723		CCL	WIV	3913.1	5340	5189	3585	3505	1755	1684
724		BCCL	WIV	954.18	6178	6041	4527	4371	1651	1669
725		BCCL	WIV	16391.29	5527	5391	4865	4747	662	644
726		BCCL	WV	6517.63	5386	5269	4767	4602	619	668
727		CCL	G6	7645.8	4706	4334	4383	4167	323	167
728		BCCL	WIV	3917.2	5763	5663	3276	3127	2487	2536
729	Sep-21	CCL	WIV	2733.1	5664	5527	5018	4906	646	620
730		CCL	WV	1016.3	6085	5943	5399	5263	686	681
731		CCL	G11	701.1	4259	3900	3812	3464	447	436
732		ECL	G5	3993.9	6064	5660	5486	5195	578	465
733		ECL	G3	6619.2	5598	5240	5478	5196	119	44
734		ECL	G4	1278.6	4460	4175	4072	3848	388	326
735		CCL	WC	4109.3	6093	5434	4851	4565	1242	869
736		ECL	G04	15907.9	5064	4834	4837	4501	228	333
737		CCL	G10	11943.6	4189	3799	3981	3523	208	276
738		CCL	G11	66812.15	4436	3980	3772	3285	664	694
739		CCL	G13	27696.9	4083	3650	3837	3342	246	308
740		CCL	G7	2063.6	5267	5019	4573	4389	694	630
741		CCL	G8	9852.8	5136	4926	4768	4515	368	411
742		CCL	WV	3877.2	4557	4423	3514	3364	1043	1059
743		MCL	G14	12688.1	4020	3717	3281	3012	739	705
744		CCL	WC	15228.8	4558	4332	3883	3752	675	580
745		NTPC	G9	92316.3	4902	4658	4441	4165	462	493
746		MCL	G14	3626.2	3750	3540	3329	3025	421	515
747		MCL	G14	7511.9	3560	3327	3588	3545	-29	-218
748		MCL	G14	3736.2	3989	3759	4082	3892	-93	-133
749		MCL	G14	3838.4	3660	3397	4382	3970	-722	-573
750		MCL	G14	61601.5	3497	3266	3757	3555	-261	-289
751		BCCL	WV	8270.2	4657	4589	3685	3580	972	1009
752		BCCL	WVI	1055.5	4118	4027	3421	2965	697	1061
753		ECL	G5	3730.6	6179	5894	4652	4389	1527	1505
754		BCCL	WV	8012.3	4877	4658	3828	3549	1050	1110
755		BCCL	WIII	1248.8	5990	5869	4609	4446	1381	1423
756		BCCL	WIV	2751.2	5718	5614	3718	3609	2000	2005
757		CCL	WIV	202.0	5234	4952	4318	3969	916	983
758	Oct-21	CCL	G6	11608.2	4725	4454	4124	3862	601	591
759		CCL	WCP	26295	5334	5184	4683	4516	651	668
760		MCL	G14	11159.8	3774	3532	3457	3301	317	230
761		MCL	G14	25991.5	3487	3281	3519	3305	-33	-24
762		MCL	G14	3387.5	3759	3554	4316	3929	-557	-375
763		CCL	G11	3997.9	4485	4186	3529	3139	956	1046
764		ECL	G4	342.6	3693	3510	4897	4657	-1204	-1147
765		ECL	G3	3562.36	5378	5118	4611	4358	767	759
766		MCL	G14	3571.0	4130	3799	4319	3971	-189	-171
767		CCL	G10	3932.7	3960	3534	3503	3195	457	339
768		CCL	G10	31780.4	4008	3598	3771	3340	236	258

769		CCL	G12	7963.6	3819	3409	3537	3151	282	258
770		CCL	G13	136131.2	3802	3423	3823	3421	-22	2
771		CCL	G8	4672.4	5456	5302	5736	5477	-280	-175
772		CCL	G12	3288.3	3714	3587	2937	2809	777	778
773		CCL	WCP	3868.5	4693	4543	3854	3668	839	875
774		NTPC PB	G9	7793.1	4394	4138	4394	4138	0	0
775		CCL	G10	4697.7	4326	4104	3287	3064	1039	1041
776		ECL	G05	3937.6	5233	5028	5318	5080	-85	-52
777		MCL	G14	19797.5	3213	2977	3264	3099	-52	-122
778		MCL	G14	19351.1	3501	3278	3885	3554	-385	-276
779		MCL	G14	23099.1	3290	3080	3567	3413	-277	-334
780		CCL	G11	1058.2	4269	3918	4009	3849	260	69
781		CCL	G9	2930.8	4309	4006	4061	3861	248	145
782		BCCL	WV	10157.3	4810	4717	3234	3188	1576	1529
783		BCCL	WVI	2090.4	4590	4505	3295	3248	1295	1257
784		CCL	G7	8159.8	5488	5185	5034	4565	454	620
785		CCL	WV	3881.8	4337	4171	3907	3820	430	351
786		BCCL	WV	11870.2	4514	4351	4339	4245	175	106
787		CCL	G13	963.6	4334	4166	3816	3544	518	622
788		CCL	G12	2103.8	4534	4241	3973	3738	561	503
789		CCL	G9	1185.8	4282	4052	3953	3749	329	303
790		BCCL	WIII	2085.3	5825	5713	4343	4229	1482	1484
791		BCCL	WIV	1913.4	5733	5622	4457	4412	1276	1210
792		BCCL	WIV	9857.86	5551	5469	4349	4269	1202	1200
793	Nov-21	BCCL	WV	13541.08	5149	5062	4733	4602	416	460
794		CCL	G6	6043	5037	4763	4530	4357	507	407
795		CCL	WIV	1475.6	4353	4029	4199	4014	154	14
796		BCCL	WIV	3907.8	6223	6079	4158	4086	2065	1993
797		CCL	WCP	30884.7	5433	5221	4101	3943	1332	1277
798		MCL	G14	3980.9	4059	3734	4031	3768	28	-35
799		MCL	G14	18868.3	3501	3236	3826	3517	-325	-281
800		MCL	G13	6272.21	3257	2945	2200	2105	1057	840
801		MCL	G13/G14	42467.76	3697	3376	3580	3343	117	33
802		CCL	G11	2051.5	3635	3475	3304	3074	331	400
803		ECL	G4	901.3	5512	5202	5483	5202	29	-1
804		ECL	G3	2575.5	5680	5308	5253	4996	427	312
805		CCL	G10	39550.6	4027	3636	4158	3678	-131	-42
806		CCL	G11	39629.8	3860	3417	4377	3838	-517	-421
807		CCL	G12	47551.4	3871	3449	3718	3288	153	161
808		CCL	G13	55492.9	3776	3358	3987	3552	-211	-193
809		CCL	G9	1,871.80	5222	4964	4706	4455	516	508
810		CCL	G12	1,980.10	4160	3870	3355	3182	805	688
811		CCL	G8	4197.3	2613	2484	2576	2430	36	53
812		BCCL	WIV	2499.62	5585	5432	3906	3842	1679	1590
813		BCCL	WV	3490.2	5509	5286	3660	3399	1849	1887
814		CCL	G10	5654.64	4041	3675	3902	3661	138	14
815		CCL	WC	3728.3	4467	4269	4447	4071	20	198
816		MCL	G14	11370	3396	3135	2728	2515	668	620
817		MCL	G14	11659.7	3564	3361	3803	3575	-240	-213

818		MCL	G14	8029.8	3123	2914	3791	3620	-668	-706
819		CCL	G7	2090.3	5970	5722	5209	5031	761	691
820		CCL	G8	26216.39	5408	5227	4782	4512	626	715
821		CCL	G9	5782.24	5239	5008	5115	4849	124	159
822		CCL	G12	1876.0	4214	4060	3288	3121	926	939
823		BCCL	WV	3107.4	4799	4614	3717	3587	1082	1026
824		CCL	G7	6788.94	5442	4974	4727	4355	715	620
825		ECL	G05	3611.5	6367	5813	3806	3612	2561	2200
826		ECL	G04	3813	6317	5878	5410	5451	907	427
827		CCL	WIV	684.9	4645	4481	3738	3602	907	879
828		CCL	WV	3250.0	4712	4531	4414	4280	298	251
829		BCCL	WV	27321	4611	4459	3985	3828	625	631
830		CCL	WCP	467.7	5212	5065	3732	3505	1480	1560
831		CCL	WIV	3488.2	5173	5064	3432	3348	1740	1716
832		CCL	WV	7814.2	5318	5224	3145	3103	2173	2120
833		BCCL	WIV	9844.8	5741	5609	4931	4833	810	777
834		BCCL	WV	1316.2	5947	5809	4796	4673	1151	1136
835		CCL	G6	3140.5	5282	5047	4507	4370	775	676
836		CCL	WIV	839.0	4196	3930	4334	4195	-138	-265
837		BCCL	WIV	7576.82	5486	5400	4170	4032	1316	1368
838	Dec-21	CCL	WCP	3575.6	5489	5256	4625	4437	864	819
839		CCL	WIV	1650.3	5696	5560	4587	4516	1109	1044
840		CCL	WV	5035	4971	4839	4522	4473	449	366
841		MCL	G14	3830.5	4114	3964	4925	4278	-811	-314
842		MCL	G13	13684.98	3338	3047	3540	3289	-202	-242
843		CCL	G11	2122.06	3337	3213	3601	3291	-264	-78
844		ECL	G4	212.1	6279	5864	5327	4999	952	864
845		ECL	G5	7362.1	6025	5654	4584	4359	1442	1295
846		ECL	G4	1641.8	5637	5232	5562	5255	75	-22
847		ECL	G5	2326.6	3345	3068	3455	3297	-109	-229
848		CCL	WIV	1050.3	5465	5333	3830	3745	1635	1588
849		CCL	WV	2947.3	5351	5211	3682	3589	1669	1622
850		CCL	G11	4018.2	4521	4334	3262	3126	1259	1208
851		ECL	G4	3305.6	6130	5894	4889	4697	1240	1198
852		ECL	G5	4574.4	6135	5918	4525	4347	1611	1570
853		CCL	G10	31343.9	4144	3708	3861	3438	283	269
854		CCL	G11	38759	3746	3349	3870	3374	-125	-25
855		CCL	G12	50666	3702	3416	3722	3370	-21	46
856		CCL	G13	11621.6	3679	3229	3399	3016	280	213
857		CCL	G7	1360.9	5799	5653	5218	4995	581	658
858		CCL	G8	22680.7	5319	5153	4808	4611	511	542
859		CCL	G12	7765.4	4228	4110	4234	4101	-6	8
860		ECL	G4	638.8	5993	5685	3975	3827	2018	1859
861		ECL	G6	6903.2	5185	5146	4173	3947	1012	1198
862		CCL	WV	4163.4	4065	3986	4183	3952	-118	34
863		BCCL	WIV	1330.0	5743	5574	2869	2820	2874	2755
864		BCCL	WVI	2235.16	4077	3986	3530	3473	547	513
865		CCL	G10	1706.4	4383	3949	3938	3693	445	256
866		MCL	G14	7601	3745	3531	3996	3713	-251	-182

867		CCL	G7	5937.54	5868	5462	4420	4154	1448	1308
868		CCL	G8	8059.26	5409	5205	4801	4467	608	738
869		CCL	G12	1949.1	4500	4216	4670	4413	-170	-197
870		CCL	G7	1672.2	5107	4600	4788	4398	319	202
871		CCL	G11	1283.4	4412	4056	3662	3397	750	659
872		CCL	G13	1120.8	3575	3274	3781	3547	-206	-274
873		BCCL	WV	3737.1	5823	5599	4238	4190	1585	1409
874		CCL	G10	4673.5	4556	4324	3992	3787	564	537
875		CCL	G12	2547.9	4028	3736	3628	3297	400	439
876		CCL	G13	4990.9	4092	3801	3675	3346	417	455
877	Jan-22	BCCL	WV	1453.2	5769	5635	3446	3331	2323	2304
878		BCCL	WIV	2168.0	5877	5770	4179	4073	1698	1697
879		BCCL	WV	3799.8	4640	4555	4320	4206	320	349
880		CCL	G6	1978.4	4757	4538	4714	4465	43	73
881		CCL	WIV	1967.1	5280	5137	4374	4152	906	985
882		CCL	G11	17981.17	3871	3684	3528	3200	342	485
883		CCL	G12	1659.0	4019	3759	3292	2993	727	766
884		CCL	G11	11176.6	4321	4075	3809	3600	512	474
885		BCCL	WV	3857.0	5716	5508	4506	4346	1210	1161
886		BCCL	WIV	4094.8	5521	5354	4384	4308	1137	1045
887		CCL	G10	72062.6	4246	3870	3952	3427	294	444
888		CCL	G12	59655.9	4064	3740	4101	3592	-36	147
889		CCL	G13	19733.9	3982	3702	3587	3177	395	526
890		CCL	WV	28077.6	3932	3902	3409	3130	523	772
891		CCL	G10	3534.1	4284	4141	3546	3328	738	814
892		CCL	G11	2158.1	4403	4101	4270	3917	133	183
893		CCL	G11	8060.4	3720	3650	2916	2668	804	982
894		CCL	G8	1945.7	5294	4983	4976	4720	318	263
895		CCL	G7	6105.4	5566	5310	4708	4457	858	853
896		CCL	G7	2569.3	5701	5383	5253	4725	448	658
897		CCL	G11	1540.6	3944	3706	3932	3602	12	104
898		CCL	G13	146.3	3927	3707	3893	3523	34	183
899		CCL	WIV	3755.7	4910	4712	4293	4163	617	549
900		CCL	G6	2117.0	4728	4510	4581	4398	147	112
901	Feb-22	CCL	WIV	1949.7	4920	4698	4696	4493	224	205
902		CCL	WIV	17908.3	5666	5516	5132	5018	534	497
903		CCL	WV	7633.8	5423	5279	5000	4862	424	416
904		CCL	G10	3785.8	3696	3545	3465	3194	231	350
905		CCL	WV	4087.5	4926	4792	4598	4486	328	306
906		CCL	G11	11233.4	4249	4014	4389	4182	-141	-168
907		CCL	G10	16018.6	4022	3694	3948	3456	74	238
908		CCL	G12	96580.15	3680	3338	3466	3068	214	271
909		CCL	G13	113136.9	3711	3368	3654	3243	57	125
910		CCL	WV	8056	4118	4064	3707	3367	411	697
911		BCCL	WIV	1123.95	5569	5456	3617	3576	1952	1880
912		CCL	G10	2039	4398	4252	3015	2818	1383	1433
913		CCL	G11	14147	4009	3798	3567	3332	442	466
914		CCL	G11	3845.75	4257	4039	3813	3564	444	475
915		CCL	G7	1898.8	6059	5785	3594	3095	2465	2690

916		BCCL	WV	11862.3	4830	4672	4181	4172	649	500
917		CCL	WIV	4183.7	4880	4782	4541	4356	339	426
918		BCCL	G12	3944.4	5323	5194	5159	4992	164	202
919		BCCL	WIV	1026.41	4230	4140	3873	3730	357	410
920		BCCL	WIV	3820.1	4729	4629	3807	3765	922	864
921		CCL	G6	2671.5	4942	4809	4428	4261	514	548
922	Mar-23	CCL	WIV	1211.1	4569	4465	4353	4010	216	455
923		CCL	G10	1999.2	4239	4146	3495	3290	744	856
924		ECL	G3	270.8	5492	5135	5664	5401	-172	-266
925		ECL	G4	2227.7	5617	5318	5301	4819	315	499
926		ECL	G6	1560.3	4944	4682	5466	5156	-522	-474
927		CCL	WV	3884.7	4624	4512	4205	4158	419	354
928		CCL	G11	24094.5	4353	4067	4091	3833	262	234
929		CCL	G12	16217.2	4113	3812	3779	3437	334	374
930		CCL	G12	129186.17	3906	3601	3975	3539	-69	62
931		CCL	G13	60459.8	3575	3263	3685	3274	-110	-11
932		CCL	G7	2096.8	5415	5061	5338	4889	77	173
933		CCL	G8	1957.5	5053	4759	4859	4548	194	211

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: NTPC-Vindhyachal

Name of Company: NTPC LTD.

Sampling methodology adopted for station :

As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed :

As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement :

Date of Fuel Supply Agreement : Stage I-III (11.08.2009), Stage-IV (02.09.2013 & 08.07.2021 -amendment) and Stage-V(11.05.2020 & 06.05.2022-amendment)

Annual Contracted Quantity (as per FSA): 231.5 LMT

Mode of MGR/IR

NGH: Nigahi DCH: Dudhichuha JNT: Jayant

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Oct'16	NCL-Dudhichua	G-9	190760	4194	3773	3803	3423	391	350
2	Oct'16	NCL-Nigahi	G-9	1127086.34	4478	4025	4084	3648	394	377
3	Nov'16	NCL-Dudhichua	G-9	388849.34	4461	4060	3848	3485	613	575
4	Nov'16	NCL-Nigahi	G-9	1388424.78	4541	4105	4067	3653	474	452
5	Dec'16	NCL-Dudhichua	G-9	322277.1	4526	4073	4155	3761	371	312
6	Dec'16	NCL-Nigahi	G-9	1583066.84	4492	3937	4058	3624	434	313
7	Jan'17	NCL-Dudhichua	G-9	81794.52	4400	4029	4141	3743	259	286
8	Jan'17	NCL-Nigahi	G-9	1543715.46	4555	4133	4027	3598	528	535
9	Feb'17	NCL-Dudhichua	G-9	318158.58	4420	4035	3993	3619	427	416
10	Feb'17	NCL-Nigahi	G-9	1238967.02	4588	4140	4048	3635	540	505
11	Mar'17	NCL-Dudhichua	G-9	647190.19	4519	4146	3997	3603	522	543
12	Mar'17	NCL-Nigahi	G-9	1562008.44	4547	4125	3954	3556	593	569
13	Apr-17	NGH Silo (MGR)	G10	1242824	4661	4094	4124	3721	537	372
14	Apr-17	DCH Silo (IR)	G10	524880	4679	3913	3956	3691	723	222
15	May-17	NGH Silo (MGR)	G10	1252321	4622	4172	4103	3707	519	466
16	May-17	DCH Silo (IR)	G10	582137	4213	3936	4057	3709	156	227
17	Jun-17	NGH Silo (MGR)	G10	1321507	4680	4232	4220	3817	460	415
18	Jun-17	DCH Silo (IR)	G10	658893	4509	4059	3962	3591	547	469
19	Jul-17	NGH Silo (MGR)	G10	1388455	4579	4147	4070	3594	509	553
20	Jul-17	DCH Silo (IR)	G10	490137	4607	4183	3986	3520	621	663
21	Aug-17	NGH Silo (MGR)	G10	1376520	4545	4114	3999	3557	546	557
22	Aug-17	DCH Silo (IR)	G10	563486	4368	3934	3980	3525	388	409
23	Sep-17	NGH Silo (MGR)	G10	1417088	4656	4175	4164	3713	492	461
24	Sep-17	DCH Silo (IR)	G10	519375	4272	3909	4118	3672	154	236
25	Oct-17	NGH Silo (MGR)	G10	1543265	4599	4217	3994	3573	605	644
26	Oct-17	DCH Silo (IR)	G10	438770	4505	4096	3902	3489	603	607
27	Nov-17	NGH Silo (MGR)	G10	1680455	4624	3985	3914	3528	710	458
28	Nov-17	DCH Silo (IR)	G10	404525	4578	4245	3985	3582	593	664
29	Dec-17	NGH Silo (MGR)	G10	1619356	4763	4593	4297	4120	466	473
30	Dec-17	DCH Silo (IR)	G10	609524	4333	3993	4120	3694	213	299
31	Jan-18	NGH Silo (MGR)	G10	1557448	4552	4230	4096	3657	456	573
32	Jan-18	DCH Silo (IR)	G10	739046	4433	4020	4030	3604	403	416
33	Feb-18	NGH Silo (MGR)	G10	1493567	4714	4342	4190	3744	524	598
34	Feb-18	DCH Silo (IR)	G10	629766	4513	4118	4136	3687	377	431
35	Mar-18	NGH Silo (MGR)	G10	1710116	4479	4076	4195	3732	284	345
36	Mar-18	DCH Silo (IR)	G10	835951	4517	4137	4219	3754	298	384
37	Apr-18	NGH Silo (MGR)	G10	1410106	4331	3970	4219	3754	112	216
38	Apr-18	DCH Silo (IR)	G10	716645	4336	3939	4110	3691	226	248
39	May-18	NGH Silo (MGR)	G10	1362180	4506	4203	4207	3763	299	440
40	May-18	DCH Silo (IR)	G10	479887	4522	3987	4067	3680	455	307
41	Jun-18	NGH Silo (MGR)	G10	1258840	4471	4306	4142	3593	329	713
42	Jun-18	DCH Silo (IR)	G10	629531	4353	3964	4004	3588	349	376
43	Jul-18	NGH Silo (MGR)	G10	1356435	4496	4360	3940	3502	556	858
44	Jul-18	DCH Silo (IR)	G10	650114	4511	4091	4064	3603	447	488
45	Aug-18	NGH Silo (MGR)	G10	1258934	4376	4175	3866	3435	510	739
46	Aug-18	DCH Silo (IR)	G10	606161	4849	4351	4177	3693	672	658
47	Sep-18	NGH Silo (MGR)	G10	1390633	4703	4385	3842	3425	861	960
48	Sep-18	DCH Silo (IR)	G10	595894	4514	4026	4126	3655	388	371

49	Oct-18	NGH Silo (MGR)	G10	1559519	4683	4406	3954	3583	729	823
50	Oct-18	DCH Silo (IR)	G10	673957	4509	4039	4014	3619	495	420
51	Nov-18	NGH Silo (MGR)	G10	1437165	4869	4550	4123	3749	746	801
52	Nov-18	DCH Silo (IR)	G10	675776	4391	3984	4039	3646	352	338
53	Dec-18	NGH Silo (MGR)	G10	1506839	4781	4444	4173	3772	608	672
54	Dec-18	DCH Silo (IR)	G10	776536	4513	4113	4292	3854	221	259
55	Jan-19	NGH Silo (MGR)	G10	1444167	4680	4354	4125	3722	555	632
56	Jan-19	DCH Silo (IR)	G10	687298	4378	3977	4105	3683	273	294
57	Feb-19	NGH Silo (MGR)	G10	1324676	4933	4588	4133	3733	800	855
58	Feb-19	DCH Silo (IR)	G10	424548	4765	4369	4311	3870	454	499
59	Mar-19	NGH Silo (MGR)	G10	1395911	4668	4341	3861	3494	807	847
60	Mar-19	DCH Silo (IR)	G10	380240	5021	4552	4221	3798	800	754
61	Apr-19	NGH Silo (MGR)	G10	1015118	4625	4324	4087	3718	538	606
62	Apr-19	DCH Silo (IR)	G10	699023	4800	4378	4144	3755	656	623
63	May-19	NGH Silo (MGR)	G10	1256724	4891	4284	4114	3755	777	529
64	May-19	NGH WW (MGR)	G11	28964	4756	4526	3818	3508	938	1019
65	May-19	DCH Silo (IR)	G10	703784	4696	4294	4117	3744	579	550
66	Jun-19	NGH Silo (MGR)	G10	1261573	4715	4376	3750	3421	965	955
67	Jun-19	NGH WW (MGR)	G11	88336	4691	4130	3668	3361	1023	768
68	Jun-19	DCH Silo (IR)	G10	649511	4717	4306	3633	3317	1084	989
69	Jul-19	NGH Silo (MGR)	G10	1403242	5076	4721	3691	3250	1385	1471
70	Jul-19	NGH WW (MGR)	G11	75952	4840	4204	3802	3373	1038	831
71	Jul-19	DCH Silo (IR)	G10	608588	4760	4329	3776	3224	984	1105
72	Aug-19	NGH Silo (MGR)	G10	1454577	4451	4089	3549	3158	902	932
73	Aug-19	NGH WW (MGR)	G11	42694	3472	3563	3664	3269	-192	294
74	Aug-19	DCH Silo (IR)	G10	597060	4715	4264	3862	3446	853	818
75	Aug-19	JNT Silo (MGR)	G10	68147	4502	NA	3962	3564	540	
76	Sep-19	NGH Silo (MGR)	G10	1273733	4550	4229	3734	3324	816	905
77	Sep-19	NGH WW (MGR)	G11	55615	3871	3298	3534	3175	337	122
78	Sep-19	DCH Silo (IR)	G10	512227	4669	4210	3864	3442	805	768
79	Sep-19	JNT Silo (MGR)	G10	53291	4366	NA	4044	3622	322	
80	Oct-19	NGH Silo (MGR)	G10	1426007	4624	4293	3899	3503	725	790
81	Oct-19	NGH WW (MGR)	G11	103625	4150	3620	3693	3328	457	293
82	Oct-19	DCH Silo (IR)	G10	540790	4739	4295	4001	3583	738	712
83	Oct-19	JNT Silo (MGR)	G10	9190	4480	NA	4460	4057	20	
84	Nov-19	NGH Silo (MGR)	G10	1214841	4876	4514	3960	3614	916	900
85	Nov-19	NGH WW (MGR)	G11	166336	4665	4097	3842	3497	823	600
86	Nov-19	DCH Silo (IR)	G10	549621	4704	4286	4045	3684	659	602
87	Nov-19	JNT Silo (MGR)	G10	35756	4310	NA	4267	3908	43	
88	Dec-19	NGH Silo (MGR)	G10	1268551	4818	4527	3898	3578	920	949
89	Dec-19	NGH WW (MGR)	G11	164809	4815	4331	4277	3934	538	396
90	Dec-19	DCH Silo (IR)	G10	735047	4619	4222	3969	3645	650	577
91	Dec-19	JNT Silo (MGR)	G10	133517	4587	NA	4213	3860	374	
92	Dec-19	AML WW (MGR)	G12	151749	4505	4108	4107	3778	398	330
93	Jan-20	NGH Silo (MGR)	G10	1421187	4493	4245	3736	3417	757	827
94	Jan-20	NGH WW (MGR)	G11	205586	4170	3682	3834	3504	336	178
95	Jan-20	DCH Silo (IR)	G10	437220	4602	4142	3782	3449	820	693
96	Jan-20	JNT Silo (MGR)	G10	149506	4463	NA	3998	3649	465	
97	Feb-20	NGH Silo (MGR)	G10	1351324	4648	4405	3720	3396	928	1009
98	Feb-20	NGH WW (MGR)	G11	162242	4516	4077	3975	3630	541	446
99	Feb-20	DCH Silo (IR)	G10	490243	4752	4319	4175	3801	577	518
100	Feb-20	JNT Silo (MGR)	G10	142119	4407	NA	4227	3859	180	
101	Feb-20	AML WW (MGR)	G12	60098	4268	3709	4122	3791	146	-82
102	Mar-20	NGH Silo (MGR)	G10	1466457	4893	4685	4153	3758	740	927
103	Mar-20	NGH WW (MGR)	G11	131766	4314	3809	4104	3248	210	561
104	Mar-20	DCH Silo (IR)	G10	349051	4553	4221	4061	3675	492	546
105	Mar-20	JNT Silo (MGR)	G10	29402	4359	NA	4202	3827	157	
106	Mar-20	AML WW (MGR)	G12	36366	4339	3889	4051	3692	288	197
107	Apr-20	NGH Silo (MGR)	G10	1182240	5048	4894	4098	3748	950	1146
108	Apr-20	NGH WW (MGR)	G11	129152	4906	4482	3901	3450	1005	1032
109	Apr-20	DCH Silo (IR)	G10	617633	4663	4349	4098	3742	565	607
110	Apr-20	JNT Silo (MGR)	G10	17624	4620	NA	4245	3866	375	
111	May-20	NGH Silo (MGR)	G10	1305090	4444	4163	3894	3548	550	615
112	May-20	NGH WW (MGR)	G11	124191	4370	3804	3733	3412	637	393
113	May-20	DCH Silo (IR)	G10	625931	4702	4275	4143	3757	559	518
114	May-20	JNT Silo (MGR)	G10	61459	4618	NA	4043	3674	575	

115	Jun-20	NGH Silo (MGR)	G10	1235660	4149	3872	3665	3299	484	573
116	Jun-20	NGH WW (MGR)	G11	83878	4156	3668	3583	3228	574	440
117	Jun-20	DCH Silo (IR)	G10	398989	4605	4168	3908	3524	697	644
118	Jun-20	JNT Silo (MGR)	G10	36165	4671	NA	3789	3446	882	
119	Jul-20	NGH Silo (MGR)	G10	1232706	4084	3841	3564	3215	520	626
120	Jul-20	NGH WW (MGR)	G11	125220	4307	3857	3509	3168	798	690
121	Jul-20	DCH Silo (IR)	G10	404038	4660	4200	3948	3568	712	632
122	Aug-20	NGH Silo (MGR)	G10	1429677	4099	3800	3738	3389	361	411
123	Aug-20	NGH WW (MGR)	G11	111471	3932	3486	3455	3142	477	344
124	Aug-20	DCH Silo (IR)	G10	418703	4622	4171	3915	3560	707	611
125	Aug-20	JNT Silo (MGR)	G10	69211	4557	NA	3972	3580	585	
126	Aug-20	JNT Silo (IR)	G10	14749	4557	NA	3972	3580	585	
127	Sep-20	NGH Silo (MGR)	G10	1398758	3971	3707	3567	3181	404	526
128	Sep-20	NGH WW (MGR)	G11	114219	4537	4046	3829	3437	708	610
129	Sep-20	DCH Silo (IR)	G10	429809	4465	3905	4213	3751	252	154
130	Sep-20	JNT Silo (MGR)	G10	2997	4500	NA	3838	3446	662	
131	Sep-20	JNT Silo (IR)	G10	194631	4500	NA	3838	3446	662	
132	Oct-20	NGH Silo (MGR)	G10	1446041	4311	4007	4078	3670	233	337
133	Oct-20	NGH WW (MGR)	G11	136170	4388	4108	4144	3734	244	374
134	Oct-20	DCH Silo (IR)	G10	580118	4530	4119	4250	3811	280	308
135	Oct-20	JNT Silo (MGR)	G10	33666	4449	NA	4263	3834	186	
136	Oct-20	JNT Silo (IR)	G10	234350	4449	NA	4263	3834	186	
137	Nov-20	NGH Silo (MGR)	G10	1370629	4555	4286	3934	3518	621	768
138	Nov-20	NGH WW (MGR)	G11	126227	5051	4566	4293	3883	758	683
139	Nov-20	DCH Silo (IR)	G10	629743	4603	4182	4261	3850	342	333
140	Nov-20	JNT Silo (IR)	G10	182228	4569	NA	4258	3849	311	
141	Dec-20	NGH Silo (MGR)	G10	1442030	4757	4485	4327	3935	430	550
142	Dec-20	NGH WW (MGR)	G11	177622	4505	4094	3776	3449	729	645
143	Dec-20	DCH Silo (IR)	G10	328821	4663	4273	4483	4066	180	207
144	Dec-20	JNT Silo (MGR)	G10	111722	4447	NA	4112	3734	335	
145	Jan-21	NGH Silo (MGR)	G10	1302516	5211	4915	4327	3935	884	980
146	Jan-21	NGH WW (MGR)	G11	253932	4919	4391	3966	3624	953	766
147	Jan-21	JNT Silo (MGR)	G10	173958	4449	NA	4325	3935	124	
148	Feb-21	NGH Silo (MGR)	G10	1259395	4740	4458	4293	3922	447	537
149	Feb-21	NGH WW (MGR)	G11	188010	4768	4267	4204	3851	564	416
150	Feb-21	JNT Silo (MGR)	G10	81421	4564	NA	4343	3951	221	
151	Feb-21	AML WW (MGR)	G12	170211	3980	3635	4070	3744	-90	-110
152	Mar-21	NGH Silo (MGR)	G10	1509117	4643	4374	4067	3720	576	654
153	Mar-21	NGH WW (MGR)	G11	215550	4703	4228	4357	3977	346	251
154	Mar-21	JNT Silo (MGR)	G10	46140	4573	NA	4386	3738	187	
155	Mar-21	JNT Silo (IR)	G10	130833	4573	NA	4386	3738	187	
156	Mar-21	AML WW (MGR)	G12	180340	3998	3635	4081	3738	-83	-104
157	Apr-21	NGH Silo (MGR)	G10	1261544	4658	4359	4248	3853	410	506
158	Apr-21	NGH WW (MGR)	G11	251552	4798	4251	4380	3980	418	271
159	Apr-21	JNT Silo (MGR)	G10	2551	4599	NA	4430	3996	169	
160	Apr-21	JNT Silo (IR)	G10	117417	4599	NA	4430	3996	169	
161	Apr-21	AML WW (MGR)	G12	196000	4030	3626	4125	3757	-95	-131
162	May-21	NGH Silo (MGR)	G10	1383773	4437	4138	4108	3704	329	434
163	May-21	NGH WW (MGR)	G11	301017	4731	4139	4231	3827	500	313
164	May-21	DCH Silo (IR)	G10	89310	4420	3990	4335	3873	85	117
165	May-21	JNT Silo (MGR)	G10	15084	4560	NA	4454	4013	106	
166	May-21	JNT Silo (IR)	G10	38657	4560	NA	4454	4013	106	
167	May-21	AML WW (MGR)	G12	49070	4272	3946	4407	3985	-135	-39
168	Jun-21	NGH Silo (MGR)	G10	1336393	4543	4231	3862	3465	681	766
169	Jun-21	NGH WW (MGR)	G11	235180	4500	3938	3913	3515	587	423
170	Jun-21	DCH Silo (IR)	G10	297666	4323	3912	4124	3654	199	258
171	Jul-21	NGH Silo (MGR)	G10	1305231	4546	4199	3863	3505	683	694
172	Jul-21	NGH WW (MGR)	G11	187726	4558	3975	3617	3274	941	702
173	Jul-21	DCH Silo (IR)	G10	325216	4382	3964	3872	3473	510	491
174	Jul-21	JNT Silo (MGR)	G10	262483	4784	NA	4141	3729	643	
175	Aug-21	NGH Silo (MGR)	G10	1097756	4527	4177	3784	3372	743	805
176	Aug-21	NGH WW (MGR)	G11	190139	4371	3731	3474	3107	897	624
177	Aug-21	DCH Silo (IR)	G10	60272	4482	3990	4059	3584	423	406
178	Aug-21	JNT Silo (MGR)	G10	304795	4611	NA	4030	3574	581	
179	Sep-21	NGH Silo (MGR)	G10	1343004	4485	4129	3810	3405	675	724
180	Sep-21	NGH WW (MGR)	G11	249052	4568	3953	3909	3491	659	463

181	Sep-21	DCH Silo (IR)	G10	353888	4457	4029	3814	3378	643	650
182	Oct-21	NGH Silo (MGR)	G10	1384189	4418	4076	3696	3343	722	733
183	Oct-21	NGH WW (MGR)	G11	312529	4471	3873	3495	3172	976	700
184	Oct-21	DCH Silo (IR)	G10	436894	4429	3987	3985	3573	444	414
185	Oct-21	JNT Silo (MGR)	G10	121407	4652	NA	4095	3696	557	
186	Oct-21	AML WW (MGR)	G12	112259	4439	4092	3931	3576	508	517
187	Nov-21	NGH Silo (MGR)	G10	1406210	4548	4140	3936	3577	612	563
188	Nov-21	NGH WW (MGR)	G11	343561	4518	3805	3641	3298	877	507
189	Nov-21	DCH Silo (IR)	G10	426042	4518	4014	3893	3498	625	516
190	Nov-21	JNT Silo (MGR)	G10	76254	4686	NA	3946	3555	740	
191	Nov-21	AML WW (MGR)	G12	78694	4215	3854	3594	3266	621	588
192	Dec-21	NGH Silo (MGR)	G10	1286414	4493	4166	4095	3722	398	444
193	Dec-21	NGH WW (MGR)	G11	439392	4410	3786	3930	3579	480	208
194	Dec-21	DCH Silo (IR)	G10	393658	4808	4389	4220	3811	588	578
195	Dec-21	JNT Silo (MGR)	G10	59570	4688	NA	4180	3769	508	
196	Dec-21	JNT Silo (IR)	G10	53309	4688	NA	4180	3769	508	
197	Dec-21	AML WW (MGR)	G12	7170	3985	3695	3775	3402	211	293
198	Jan-22	NGH Silo (MGR)	G10	1207174	4513	4206	4047	3653	466	552
199	Jan-22	NGH WW (MGR)	G11	409944	4443	3836	4097	3707	346	129
200	Jan-22	DCH Silo (IR)	G10	163132	4452	4132	4181	3756	272	376
201	Jan-22	JNT Silo (MGR)	G10	128191	4692	NA	4258	3839	434	
202	Jan-22	JNT Silo (IR)	G10	271812	4692	NA	4258	3839	434	
203	Jan-22	AML WW (MGR)	G12	17048	3961	3663	3996	3656	-35	7
204	Feb-22	NGH Silo (MGR)	G10	1042189	4497	4116	4045	3659	452	457
205	Feb-22	NGH WW (MGR)	G11	338607	4478	3764	3902	3538	576	227
206	Feb-22	DCH Silo (IR)	G10	367505	4662	4224	4167	3756	495	467
207	Feb-22	JNT Silo (MGR)	G10	2155	4570	NA	3975	3587	595	
208	Feb-22	JNT Silo (IR)	G10	199174	4570	NA	3975	3587	595	
209	Feb-22	AML WW (MGR)	G12	46311	4797	4271	4407	3994	390	277
210	Mar-22	NGH Silo (MGR)	G10	1146649	4460	4133	4274	3932	186	202
211	Mar-22	NGH WW (MGR)	G11	272345	4457	3794	4219	3787	238	7
212	Mar-22	DCH Silo (IR)	G10	252922	4530	4060	4283	3905	247	155
213	Mar-22	JNT Silo (IR)	G10	236922	4760	NA	4176	3820	584	
214	Mar-22	AML WW (MGR)	G12	119081	4727	4324	4375	4000	352	324

**DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS
DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END**

Name of Generating Station: NTPC DADRI

Name of Company:

NTPC Limited

Sampling methodology adopted for station :

As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed :

As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement :

Annual Contracted Quantity (as per FSA):

8.01 MMT

Mode of transport

Rail

SR No.	MONTH WISE	SOURCE OF COAL	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
				EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	May-17	CCL	3425.07	5116	5033	4440	4368	676	665
2	MAY17	CCL	3425.93	3766	3585	3790	3592	-24	-8
3	MAY17	CCL	3443.44	3885	3744	3800	3575	85	169
4	MAY17	CCL	3786.6	3507	3365	3820	3528	-313	-163
5	MAY17	CCL	3567.6	3711	3505	3520	3273	191	233
6	MAY17	CCL	3327.97	4098	4006	4880	4597	-782	-591
7	MAY17	CCL	3664.07	4700	4586	4480	4311	220	275
8	MAY17	CCL	3664.07	4697	4630	4410	4217	287	413
9	MAY17	CCL	3868	4924	4824	5040	4862	-116	-38
10	MAY17	CCL	3868	4337	4197	4640	4462	-303	-265
11	MAY17	CCL	4071.3	3712	3549	3730	3505	-18	44
12	MAY17	CCL	4071.3	3703	3516	4260	3936	-557	-419
13	MAY17	CCL	3550.18	5246	5214	3900	3868	1346	1346
14	MAY17	CCL	3558.72	3755	3570	3680	3449	75	122
15	MAY17	CCL	3669.41	3727	3516	3740	3522	-13	-7
16	MAY17	CCL	3669.41	3859	3705	4060	3809	-201	-104
17	MAY17	CCL	3527.22	4375	4224	3910	3682	465	542
18	MAY17	CCL	3806.6	4426	4336	4350	4266	76	70
19	JUN17	CCL	3782.3	4303	4132	3310	3141	993	990
20	JUN17	CCL	3782.3	4669	4445	3940	3755	729	690
21	JUN17	CCL	3782.3	4402	4253	3920	3784	482	469
22	JUN17	CCL	3553.53	4254	4076	4280	4188	-26	-112
23	JUN17	CCL	3553.53	4001	3923	4150	4030	-149	-107
24	JUN17	CCL	3471.91	3553	3326	3800	3674	-247	-348
25	JUN17	CCL	3499.01	4124	3958	3500	3396	624	562
26	JUN17	CCL	3654.6	4413	4215	4580	4440	-167	-225
27	JUN17	CCL	3490.92	3963	3779	4090	3999	-127	-220
28	JUN17	CCL	3346.23	4019	3854	4210	4085	-191	-231
29	JUN17	CCL	3450.61	3973	3777	4010	3878	-37	-101

30	JUN17	CCL	3463.12	3673	3470	3900	3721	-227	-252
31	JUN17	CCL	3437.32	3685	3511	3920	3840	-235	-329
32	JUN17	CCL	3437.32	3812	3555	3950	3832	-138	-277
33	JUN17	CCL	3851.35	3970	3781	3950	3807	20	-25
34	JUN17	CCL	3855.3	4178	4008	3680	3554	498	454
35	JUN17	CCL	3436.06	3827	3683	3730	3598	97	85
36	JUN17	CCL	3840	3734	3570	3610	3502	124	67
37	JUN17	CCL	3334.54	3711	3549	3580	3466	131	82
38	JUN17	CCL	3954.9	3258	3126	3480	3355	-222	-228
39	JUN17	CCL	3757.91	3838	3610	3680	3582	158	28
40	JUN17	CCL	4105.6	3336	3211	3450	3315	-114	-104
41	JUN17	CCL	3920.3	3673	3555	3460	3310	213	245
42	JUN17	CCL	3859.2	3448	3292	3370	3234	78	59
43	JUN17	CCL	3737.5	5360	5159	5420	5281	-60	-122
44	JUN17	CCL	3954.8	3448	3292	3640	3371	-192	-78
46	JUN17	CCL	3476.74	4291	4249	3840	3729	451	520
47	JUN17	CCL	3888	5005	4853	4610	4572	395	281
48	JUN17	CCL	3627.51	4283	4111	4110	3956	173	155
49	JUN17	CCL	3637.11	3867	3634	4250	4074	-383	-440
50	JUN17	CCL	3884.36	4555	4035	4410	4167	145	-131
51	JUN17	CCL	3884.36	3871	3376	3500	3255	371	121
52	JUN17	CCL	3884.36	3301	3070	3340	3255	-39	-185
53	JUN17	CCL	3946.9	3816	3874	4070	3978	-254	-105
54	JUN17	CCL	3506.54	3752	3598	4020	3947	-268	-348
55	JUN17	CCL	4072.36	4755	4433	4480	4292	275	141
56	JUN17	CCL	3837.3	3864	3806	4050	3874	-186	-68
57	JUN17	CCL	3372.25	3805	3666	4030	3850	-225	-184
58	JUN17	CCL	3888.6	3709	3582	3780	3615	-71	-33
59	JUN17	CCL	3580.99	5200	5200	5460	5338	-260	-138
60	JUN17	CCL	3624.84	4815	4629	4300	4274	515	356
61	JUN17	CCL	3624.84	4146	4008	4140	3900	6	108
62	JUN17	CCL	3624.84	4259	4073	4380	4299	-121	-226
63	JUN17	CCL	3819.9	4154	4050	3410	3306	744	744
64	JUN17	CCL	3396.6	4505	4330	4360	4235	145	95
65	JUN17	CCL	3396.6	3991	3877	4150	4010	-159	-132
66	JUN17	CCL	3396.6	3862	3700	4420	4402	-558	-701
67	JUN17	CCL	4004.78	3862	3700	4780	4655	-918	-954
68	JUN17	CCL	3785.8	3983	3773	3730	3631	253	142
69	JUN17	CCL	3785.8	4586	4447	4390	4345	196	102
70	JUN17	CCL	3644.16	4563	4370	3820	3696	743	674
71	JUN17	CCL	3644.16	4707	4470	4340	4260	367	209
72	JUN17	CCL	3644.16	4037	3820	4150	3994	-113	-174
73	JUN17	CCL	3473.55	3580	3603	3740	3549	-160	54
74	JUN17	CCL	3580.43	3829	3693	3620	3518	209	176
75	JUN17	CCL	3408.03	4608	4194	5160	4928	-552	-734
76	JUN17	CCL	3662.01	4311	4363	3760	3609	551	754
77	JUN17	CCL	3455.14	4123	4077	4710	4638	-587	-561

78	JUN17	CCL	3455.14	4454	4341	5120	5078	-666	-737
79	JUN17	CCL	3455.14	4896	4831	4970	4914	-74	-83
80	JUN17	CCL	3783.31	3667	3516	4170	4090	-503	-574
81	JUN17	CCL	3528.32	4128	3976	4370	3606	-242	369
82	JUN17	CCL	3434.84	4196	4029	4020	3873	176	156
83	JUN17	CCL	3318.74	4441	4230	4420	4187	21	43
84	JUN17	CCL	3690.82	3737	3590	3840	3754	-103	-164
85	JUN17	CCL	3992.7	4352	4194	4360	4257	-8	-63
86	JUN17	CCL	3564.21	5149	4712	3890	3761	1259	951
87	JUN17	CCL	3673.71	4330	4212	4680	4543	-350	-332
90	JUN17	CCL	3659.91	4173	3923	4880	4581	-707	-658
91	JUN17	CCL	3327.04	4560	4288	3750	3569	810	718
92	JUN17	CCL	3692.23	3720	3565	3680	3598	40	-33
93	JUN17	CCL	3740.34	3540	3415	3870	3683	-330	-269
94	JUN17	CCL	3618.72	3401	3372	3780	3497	-379	-125
96	JUN17	CCL	3871.57	4823	4511	3430	3340	1393	1171
97	JUN17	CCL	3871.57	4791	4453	4000	3801	791	652
98	JUN17	CCL	4165.3	5566	5498	5510	5060	56	438
99	JUN17	CCL	3758.32	4448	4219	4270	3879	178	340
100	JUN17	CCL	3595.63	3544	3407	3420	3049	124	358
101	JUN17	CCL	3787.72	3292	3124	3410	2972	-118	152
102	JUN17	CCL	3787.72	4105	3903	3780	3317	325	586
103	JUN17	CCL	3584.33	4208	4018	4100	3733	108	285
104	JUN17	CCL	3937.8	4418	4261	4470	4319	-52	-58
105	JUN17	CCL	3857.52	3496	3354	2750	2551	746	803
106	JUN17	CCL	3576.85	3704	3545	3170	2886	534	660
107	JUN17	CCL	3576.85	3867	3696	3170	2886	697	810
108	JUN17	ECL	1931.55	3770	3544	3670	3438	100	106
109	JUN17	ECL	146.5	4020	3990	3790	3533	230	457
113	JUN17	ECL	364.92	5600	5438	6120	5937	-520	-500
114	JUN17	ECL	825.16	5660	5574	5720	5554	-60	20
116	JUN17	ECL	1093.6	5620	5602	4550	4513	1070	1089
117	JUN17	ECL	1354.57	5570	5384	3830	3807	1740	1577
118	JUN17	ECL	1251.42	5590	5437	4320	4285	1270	1152
119	JUN17	ECL	598.9	6150	5968	5190	4975	960	993
120	JUN17	ECL	921.1	4210	4133	4270	4222	-60	-89
121	JUN17	ECL	543.7	5490	5329	4400	4360	1090	969
122	JUN17	ECL	1237.7	4540	4383	4110	4068	430	315
123	JUN17	ECL	513.1	6210	5876	4710	4470	1500	1406
124	JUN17	ECL	544.88	6160	5860	4230	4090	1930	1770
125	JUN17	ECL	601.68	6160	5972	4060	3835	2100	2137
126	JUN17	BCCL	3410.49	5680	5559	5650	5638	30	-79
127	JUL17	CCL	3679.13	3417	3267	3200	3097	217	170
128	JUL17	CCL	3822.41	3845	3700	3840	3613	5	87
129	JUL17	CCL	3671.32	4207	3921	3730	3350	477	571
130	JUL17	CCL	3552.31	4515	4257	4330	4113	185	144
131	JUL17	CCL	3828.51	3694	3433	3590	3296	104	137

132	JUL17	CCL	3813.61	3906	3683	4090	4064	-184	-381
133	JUL17	CCL	3548.73	3939	3769	3560	3250	379	519
134	JUL17	CCL	3548.73	3933	3763	3880	3395	53	368
135	JUL17	CCL	3394.92	3749	3538	3710	3399	39	139
136	JUL17	CCL	3950.81	3782	3581	3170	2924	612	658
137	JUL17	CCL	3950.81	3836	3650	2970	2780	866	871
138	JUL17	CCL	3693.81	3782	3581	4410	4015	-628	-434
139	JUL17	CCL	3666.22	3757	3482	3510	3225	247	257
140	JUL17	CCL	3848.05	4509	4105	4320	3914	189	191
141	JUL17	CCL	3467.61	4596	4139	4130	3801	466	339
142	JUL17	CCL	3467.61	3306	2947	3200	2955	106	-8
143	JUL17	CCL	3896.12	3078	2917	3390	3214	-312	-298
144	JUL17	CCL	3877.61	3365	3111	3490	3219	-125	-108
145	JUL17	CCL	3877.61	2635	2480	2680	2485	-45	-5
146	JUL17	CCL	3811.51	2624	2464	3400	3223	-776	-759
147	JUL17	CCL	3950.14	4487	4101	4280	3951	207	150
148	JUL17	CCL	3595.55	3460	3197	2800	2600	660	597
149	JUL17	CCL	3678.33	2916	2700	4030	3722	-1114	-1021
150	JUL17	CCL	3579.52	3502	3248	3420	3210	82	38
151	JUL17	CCL	3579.52	3531	3346	2470	2328	1061	1018
152	JUL17	CCL	3603.32	3710	3493	3770	3314	-60	178
153	JUL17	CCL	3686.41	3415	3180	3460	3238	-45	-58
154	JUL17	CCL	3750.92	3558	3346	3350	3154	208	192
155	JUL17	CCL	3421.34	3848	3662	3500	3313	348	349
156	JUL17	CCL	3813.11	3781	3595	3500	3354	281	241
157	JUL17	CCL	3414.74	3457	3296	3790	3554	-333	-258
158	JUL17	CCL	3732.72	3802	3523	3250	2880	552	644
159	JUL17	CCL	3670.07	4058	3952	4190	3957	-132	-5
160	JUL17	CCL	3824	4034	3813	3830	3610	204	203
161	JUL17	CCL	3824	3955	3708	3850	3580	105	129
162	JUL17	CCL	3930.1	3713	3546	3930	3683	-217	-137
163	JUL17	CCL	3930.1	3915	3763	4000	3753	-85	9
164	JUL17	CCL	3496.03	4245	4004	3710	3472	535	532
165	JUL17	CCL	3754.65	4380	4105	3550	3378	830	727
166	JUL17	CCL	3754.65	5039	4761	3200	3063	1839	1699
167	JUL17	CCL	3754.65	4811	4552	3870	3605	941	947
168	JUL17	CCL	3504.05	3898	3746	3940	3768	-42	-21
169	JUL17	CCL	3475.54	4000	3785	3960	3513	40	272
170	JUL17	CCL	3640.21	3907	3674	4410	4164	-503	-490
171	JUL17	CCL	3495.12	4147	3857	4050	3819	97	38
172	JUL17	CCL	3946.5	5114	4844	4650	4550	464	294
173	JUL17	CCL	3946.5	5091	4905	4870	4702	221	204
174	JUL17	CCL	3946.5	4937	4807	4920	4794	17	13
175	JUL17	CCL	3644.02	3739	3575	4040	3741	-301	-166
176	JUL17	CCL	3586.71	3882	3628	4300	3917	-418	-289
177	JUL17	CCL	3424.65	3745	3576	3810	3502	-65	73
178	JUL17	CCL	3691.23	4045	3626	3830	3646	215	-20

179	JUL17	CCL	3458.44	3963	3574	4130	3817	-167	-243
180	JUL17	CCL	3537.03	4137	3908	3880	3507	257	401
181	JUL17	CCL	3689.01	3923	3590	4070	3726	-147	-137
182	JUL17	CCL	3689.01	4499	4134	4090	3748	409	387
183	JUL17	CCL	3812.1	4633	4411	5170	5023	-537	-612
184	JUL17	CCL	3372.27	3258	3029	3760	3366	-502	-337
185	JUL17	CCL	3372.27	4153	3968	4060	3673	93	295
186	JUL17	CCL	3640.34	3999	3720	4280	3916	-281	-196
187	JUL17	CCL	3917.42	2891	2532	3380	3102	-489	-570
188	JUL17	CCL	3917.42	3063	2728	3850	3582	-787	-854
189	JUL17	CCL	3917.42	4329	3869	3960	3660	369	209
190	JUL17	CCL	4330.5	3518	3229	3910	3606	-392	-378
191	JUL17	CCL	4330.5	4100	3893	3590	3353	510	540
192	JUL17	CCL	3787.11	3765	3663	3490	3276	275	388
193	JUL17	CCL	3951.7	5014	4741	4640	4569	374	171
194	JUL17	CCL	3796.41	3570	3389	3840	3464	-270	-76
195	JUL17	CCL	3796.41	3971	3801	3540	3263	431	538
196	JUL17	CCL	4025.7	3539	3307	3820	3523	-281	-217
197	JUL17	CCL	3870.72	3511	3364	3630	3429	-119	-65
198	JUL17	CCL	3597.25	3776	3582	3600	3390	176	192
199	JUL17	CCL	3597.25	3776	3582	3600	3390	176	192
200	JUL17	ECL	918.2	3130	2940	4420	4213	-1290	-1273
201	JUL17	ECL	885.3	3660	3453	4200	4012	-540	-559
202	JUL17	ECL	632.7	4320	4089	4440	4204	-120	-115
203	JUL17	ECL	1339.6	3490	3267	4240	4025	-750	-758
204	JUL17	ECL	1174.44	4860	4264	5210	5001	-350	-737
205	JUL17	ECL	2748.42	4430	3924	4280	3969	150	-44
206	AUG17	CCL	3760.91	2919	2776	3800	3479	-881	-702
207	AUG17	CCL	3874.51	3976	3827	3600	3232	376	595
208	AUG17	CCL	3874.51	3285	3135	3810	3555	-525	-420
209	AUG17	CCL	3700.02	3649	3501	3640	3374	9	127
210	AUG17	CCL	3821.62	3261	3071	3620	3302	-359	-231
211	AUG17	CCL	3857.01	3869	3588	3660	3328	209	260
212	AUG17	CCL	3789.31	3753	3469	3900	3593	-147	-124
213	AUG17	CCL	3835.81	3503	3273	3560	3333	-57	-60
214	AUG17	CCL	3760.62	3989	3720	3540	3221	449	499
215	AUG17	CCL	3772.11	3591	3479	3590	3251	1	228
216	AUG17	CCL	4117.5	3675	3493	3600	3236	75	257
217	AUG17	CCL	3374.03	4251	4023	4130	3843	121	180
218	AUG17	CCL	3881.21	3645	3435	3510	3208	135	227
219	AUG17	CCL	3713.61	4390	4191	3730	3434	660	756
220	AUG17	CCL	4051.4	3465	3060	3580	3330	-115	-270
221	AUG17	CCL	4051.4	3384	3097	3740	3469	-356	-372
222	AUG17	CCL	3987.8	3818	3548	3330	2911	488	637
223	AUG17	CCL	3987.8	3455	3114	3480	3144	-25	-30
224	AUG17	CCL	3987.8	3423	3188	3250	2856	173	332
225	AUG17	CCL	3987.8	3198	2907	3260	2916	-62	-9

226	AUG17	CCL	3878.65	3474	3101	3480	3231	-6	-130
227	AUG17	CCL	3878.65	3382	3140	3620	3285	-238	-145
228	AUG17	CCL	3878.65	3934	3733	3750	3384	184	349
229	AUG17	CCL	3715.11	4201	4006	3640	3209	561	797
230	AUG17	CCL	3548.53	3947	3688	3470	3220	477	468
231	AUG17	CCL	3548.53	3947	3688	3690	3439	257	249
232	AUG17	CCL	3781.32	3197	2811	3470	3155	-273	-344
233	AUG17	CCL	3781.32	3245	2768	3510	3256	-265	-488
234	AUG17	CCL	3690.92	3644	3465	3730	3523	-86	-58
235	AUG17	CCL	3690.92	3377	3225	3240	3051	137	174
236	AUG17	CCL	3848.71	3738	3567	3700	3455	38	112
237	AUG17	CCL	3799.21	4011	3758	3910	3642	101	115
238	AUG17	CCL	3980.07	3585	3336	4250	3877	-665	-542
239	AUG17	CCL	3980.07	3438	3153	3950	3578	-512	-426
240	AUG17	CCL	3652.67	3021	2663	3430	3136	-409	-473
241	AUG17	CCL	3652.67	2806	2480	3400	3139	-594	-659
242	AUG17	CCL	3620.51	4106	3920	4370	4014	-264	-94
243	AUG17	CCL	3620.51	4138	3964	4370	4014	-232	-50
244	AUG17	CCL	4087.7	3587	3189	3910	3623	-323	-434
245	AUG17	CCL	4087.7	3463	3117	1900	1671	1563	1446
246	AUG17	CCL	4087.7	3291	2930	3320	3020	-29	-91
247	AUG17	CCL	4087.7	3502	3131	3470	3099	32	32
248	AUG17	CCL	3490.92	4010	3744	3940	3622	70	122
249	AUG17	CCL	3603.21	3623	3435	3760	3533	-137	-98
250	AUG17	CCL	3525.31	4185	3984	3880	3703	305	282
251	AUG17	CCL	3732.62	3700	3443	4050	3645	-350	-202
252	AUG17	CCL	3997.9	3328	3020	3770	3538	-442	-518
253	AUG17	CCL	3893.91	3796	3641	3580	3218	216	424
254	AUG17	CCL	3599.83	3264	3125	3480	3213	-216	-87
255	AUG17	CCL	3790.61	3496	3280	3700	3495	-204	-215
256	AUG17	CCL	3649.82	4001	3910	3540	3438	461	472
257	AUG17	CCL	3909.9	3239	3062	2890	2731	349	331
258	AUG17	CCL	3909.9	2925	2748	3420	3212	-495	-464
259	AUG17	CCL	3909.9	3539	3356	3920	3671	-381	-315
260	AUG17	CCL	3676.6	5337	5207	3930	3785	1407	1422
261	AUG17	CCL	3676.6	5129	4984	4450	4414	679	570
262	AUG17	CCL	3480.93	3784	3610	3560	3330	224	279
263	AUG17	CCL	3565.91	3675	3440	3600	3467	75	-26
264	AUG17	CCL	3565.91	4148	3911	3450	3266	698	645
265	AUG17	CCL	3675.5	2505	2293	3600	3433	-1095	-1140
266	AUG17	CCL	3675.5	3979	3645	4140	3922	-161	-277
267	AUG17	CCL	3675.5	3331	3020	3910	3591	-579	-571
268	AUG17	CCL	3561.52	3820	3468	4000	3766	-180	-298
269	AUG17	CCL	3582.91	3608	3381	4180	3958	-572	-577
270	AUG17	CCL	3807.03	2636	2411	3860	3630	-1224	-1219
271	AUG17	CCL	3807.03	2745	2528	2720	2601	25	-74
272	AUG17	CCL	3807.03	3136	2865	4000	3873	-864	-1009

273	AUG17	CCL	3603.93	3905	3658	3700	3408	205	250
274	AUG17	CCL	3913.4	3746	3421	3920	3652	-174	-231
276	AUG17	CCL	3614.73	3506	3271	3890	3613	-384	-342
277	AUG17	CCL	3614.73	3693	3456	4750	4287	-1057	-831
278	AUG17	CCL	3790.01	5004	4690	4650	4551	354	140
279	AUG17	CCL	4109.5	4890	4721	4680	4397	210	324
280	AUG17	CCL	3585.53	3915	3719	4030	3869	-115	-150
282	AUG17	CCL	3669.11	3701	3451	3870	3579	-169	-128
283	AUG17	CCL	3539.42	4236	3957	4650	4189	-414	-233
284	AUG17	CCL	3677.31	3373	3109	3700	3332	-327	-223
285	AUG17	CCL	3838.41	3802	3403	4000	3725	-198	-322
286	AUG17	CCL	3632.31	3793	3526	3730	3368	63	158
287	AUG17	CCL	3690.51	3722	3385	3850	3564	-128	-179
288	AUG17	CCL	3909.53	3816	3430	3900	3697	-84	-267
289	AUG17	CCL	3909.53	3843	3592	3840	3623	3	-31
290	AUG17	CCL	3758.62	2643	2400	3810	3502	-1167	-1102
291	AUG17	CCL	3759.81	4061	3729	4030	3888	31	-159
292	AUG17	CCL	3917.71	3963	3751	3890	3599	73	152
293	AUG17	CCL	4219.2	3711	3414	3760	3447	-49	-32
294	AUG17	CCL	4219.2	3704	3404	3490	3132	214	272
295	AUG17	CCL	3542.11	3864	3694	3780	3567	84	127
296	AUG17	CCL	3451.74	3721	3430	3830	3433	-109	-2
297	AUG17	CCL	3451.74	3681	3446	3630	3279	51	168
298	AUG17	CCL	3943.89	4569	4270	3650	3435	919	834
299	AUG17	CCL	3943.89	5327	4922	3930	3653	1397	1269
300	AUG17	CCL	3530.52	2881	2742	3860	3614	-979	-873
301	AUG17	CCL	3441.43	3470	3320	3560	3276	-90	44
302	AUG17	CCL	3898.32	4952	4613	1990	1906	2962	2708
303	AUG17	CCL	3898.32	4383	4124	3890	3624	493	501
304	AUG17	CCL	3806	3652	3534	3960	3708	-308	-175
305	AUG17	CCL	3806	3706	3574	3710	3467	-4	107
306	AUG17	CCL	4001.1	4813	4461	3970	3754	843	707
307	AUG17	CCL	4001.1	4605	4320	3820	3606	785	714
308	AUG17	CCL	3819.73	4866	4595	2990	2836	1876	1759
309	AUG17	CCL	3948.6	3685	3513	3950	3724	-265	-212
310	AUG17	CCL	3357.23	3664	3481	3890	3601	-226	-120
311	AUG17	CCL	3357.23	3521	3308	3570	3260	-49	48
312	AUG17	CCL	3568.44	3920	3587	3600	3346	320	241
313	AUG17	CCL	3505.31	3731	3445	3700	3423	31	22
314	AUG17	CCL	3505.31	3882	3563	3700	3423	182	139
315	AUG17	CCL	3765.09	3750	3613	3490	3265	260	348
316	AUG17	CCL	3765.09	2961	2832	3360	3140	-399	-308
317	AUG17	CCL	3652.83	3146	3032	3890	3607	-744	-574
318	AUG17	CCL	3685.61	3313	3112	3490	3267	-177	-155
319	AUG17	CCL	3588.91	2893	2758	4040	3676	-1147	-918
320	AUG17	CCL	3767.37	3515	3165	3710	3367	-195	-202
321	AUG17	CCL	3752.43	5147	4923	4200	4070	947	853

322	AUG17	CCL	3989.9	3143	2991	3880	3666	-737	-675
323	AUG17	CCL	3989.9	3629	3441	3880	3615	-251	-174
324	AUG17	CCL	3482.81	3412	3291	4060	3870	-648	-579
325	AUG17	CCL	3624.11	3952	3728	3960	3640	-8	89
326	AUG17	CCL	3823.5	3426	3149	4300	3876	-874	-727
327	AUG17	CCL	3823.5	3630	3334	4000	3624	-370	-291
328	AUG17	CCL	3475.41	4500	4320	3730	3291	770	1029
329	AUG17	CCL	3491.91	4172	3904	3330	3004	842	901
330	AUG17	ECL	3842.76	5020	4662	3720	3549	1300	1112
331	AUG17	ECL	3754.81	4640	4302	4160	4114	480	188
332	AUG17	ECL	791.3	5720	4806	4600	4198	1120	608
333	AUG17	ECL	2603.71	6020	5705	4860	4471	1160	1234
334	SEP17	CCL	3285.14	3980	3808	3880	3442	100	366
335	SEP17	CCL	3285.14	3811	3592	3920	3567	-109	25
336	SEP17	CCL	3854.55	5212	4863	4750	4595	462	268
337	SEP17	CCL	3442.31	4260	4051	3960	3771	300	280
338	SEP17	CCL	3932.2	2882	2658	3510	3297	-628	-639
339	SEP17	CCL	3932.2	3826	3577	3690	3473	136	104
340	SEP17	CCL	3671.7	3532	3399	3830	3512	-298	-113
341	SEP17	CCL	3671.7	3536	3439	3780	3508	-244	-69
342	SEP17	CCL	3563.01	3477	3298	4860	4742	-1383	-1444
343	SEP17	CCL	3531.11	3868	3669	3530	3294	338	375
344	SEP17	CCL	3559.51	3515	3258	3410	3220	105	37
345	SEP17	CCL	3633.91	3757	3535	3390	3133	367	402
346	SEP17	CCL	3430.28	3766	3546	3790	3453	-24	93
347	SEP17	CCL	3309.32	3914	3687	4240	3965	-326	-278
348	SEP17	CCL	3529.12	3700	3349	3750	3452	-50	-103
349	SEP17	CCL	3881.6	3458	3292	3480	3306	-22	-14
350	SEP17	CCL	3670.51	4166	3938	3550	3343	616	595
351	SEP17	CCL	3467.91	3818	3625	3750	3436	68	189
352	SEP17	CCL	3467.91	3572	3234	3860	3620	-288	-386
354	SEP17	CCL	3605.01	3481	3302	3240	3010	241	292
355	SEP17	CCL	3605.01	3753	3471	2800	2622	953	849
356	SEP17	CCL	3374.93	3316	3100	3720	3524	-404	-424
357	SEP17	CCL	3456.01	3799	3575	3620	3358	179	217
358	SEP17	CCL	3892.58	5562	5292	4350	4209	1212	1083
359	SEP17	CCL	3792.8	3823	3545	3660	3549	163	-4
361	SEP17	CCL	3783.7	3308	3132	3870	3490	-562	-357
362	SEP17	CCL	3783.7	3162	3038	3910	3644	-748	-606
363	SEP17	CCL	3770.12	3290	3094	3800	3422	-510	-327
364	SEP17	CCL	3770.12	3866	3654	3700	3418	166	235
365	SEP17	CCL	3674.32	3670	3474	3800	3470	-130	4
366	SEP17	CCL	3919.14	2719	2500	3770	3506	-1051	-1005
367	SEP17	CCL	3919.14	2901	2719	3850	3618	-949	-899
368	SEP17	CCL	3698.31	4147	3871	4220	3869	-73	2
369	SEP17	CCL	3698.31	3990	3708	4160	3826	-170	-119
370	SEP17	CCL	3420.15	3854	3702	4060	3878	-206	-176

371	SEP17	CCL	3420.15	4000	3790	4110	3900	-110	-110
372	SEP17	CCL	3669.92	4127	3948	4980	4559	-853	-611
373	SEP17	CCL	3752.91	3833	3619	4980	4794	-1147	-1174
374	SEP17	CCL	3895.83	5350	5045	5410	5096	-60	-52
375	SEP17	CCL	3440.53	3572	3406	4070	3763	-498	-357
377	SEP17	CCL	3498.93	4172	3914	3840	3542	332	371
378	SEP17	CCL	3463.25	3921	3713	3970	3702	-49	11
379	SEP17	CCL	4024.1	3878	3686	3670	3418	208	267
380	SEP17	CCL	4024.1	3890	3705	3620	3394	270	311
381	SEP17	CCL	3630.42	4099	3878	3680	3478	419	400
382	SEP17	CCL	4074.06	4689	4354	3720	3413	969	941
383	SEP17	CCL	3728.51	3660	3465	4500	4172	-840	-707
384	SEP17	CCL	3583.71	4018	3785	3900	3670	118	114
385	SEP17	CCL	3693.61	3910	3704	3730	3451	180	253
386	SEP17	CCL	3693.61	4191	3961	3730	3451	461	509
387	SEP17	CCL	3648.42	4113	3819	4250	3938	-137	-119
388	SEP17	CCL	3648.42	3986	3689	4120	3827	-134	-138
389	SEP17	CCL	3761.31	3480	3308	4170	3932	-690	-624
390	SEP17	CCL	3761.31	3783	3581	4110	3919	-327	-338
391	SEP17	CCL	3761.31	4078	3884	4200	3969	-122	-85
392	SEP17	CCL	3750.83	3909	3700	4170	3866	-261	-166
393	SEP17	CCL	3516.14	3807	3612	4170	3887	-363	-275
394	SEP17	CCL	3611.22	3805	3653	4220	3928	-415	-275
395	SEP17	CCL	3870.28	5412	5155	3970	3622	1442	1533
396	SEP17	CCL	3525.88	3633	3422	3750	3471	-117	-49
397	SEP17	CCL	3713.31	3598	3449	4050	3925	-452	-475
398	SEP17	CCL	3624.62	3759	3523	3790	3680	-31	-158
399	SEP17	CCL	3286.26	4217	3967	4110	4079	107	-112
400	SEP17	CCL	3638.51	3905	3715	4100	3886	-195	-171
401	SEP17	CCL	3638.51	4115	3941	4020	3790	95	151
402	SEP17	CCL	3684.12	3905	3745	4610	4027	-705	-282
403	SEP17	CCL	3684.12	3733	3537	3960	3602	-227	-64
404	SEP17	CCL	3910.88	3744	3575	3750	3542	-6	33
405	SEP17	CCL	3910.88	3665	3498	3750	3542	-85	-43
406	SEP17	CCL	3910.88	3215	3009	3850	3590	-635	-581
407	SEP17	CCL	3805.71	3803	3660	3960	3763	-157	-103
408	SEP17	CCL	3638.53	3743	3499	3400	3133	343	366
409	SEP17	CCL	3727.22	3829	3612	3780	3522	49	90
410	SEP17	CCL	3727.22	3804	3625	3910	3607	-106	18
411	SEP17	CCL	4069.22	3829	3569	3790	3408	39	161
412	SEP17	CCL	4020.5	3722	3529	2960	2813	762	716
413	SEP17	CCL	4020.5	3564	3376	3290	3147	274	230
414	SEP17	CCL	4020.5	3614	3420	3200	3037	414	383
415	SEP17	CCL	3531.06	5530	5232	3940	3714	1590	1517
416	SEP17	CCL	3590.91	4136	3908	4130	3795	6	113
417	SEP17	CCL	3929.31	3563	3342	3920	3625	-357	-284
418	SEP17	CCL	3929.31	3487	3221	3950	3602	-463	-381

419	SEP17	CCL	3676.91	3952	3761	4070	3765	-118	-4
420	SEP17	CCL	3676.91	4087	3841	4760	4401	-673	-560
421	SEP17	CCL	3940.02	4713	4166	3540	3305	1173	860
422	SEP17	CCL	3940.02	3485	3232	3690	3263	-205	-30
423	SEP17	CCL	3940.02	3721	3466	3550	3311	171	155
424	SEP17	CCL	3772.61	3726	3530	3870	3548	-144	-18
425	SEP17	CCL	3625.33	3786	3600	3830	3499	-44	102
426	SEP17	CCL	3566.82	4031	3837	4190	3929	-159	-92
427	SEP17	CCL	3688.52	4227	3978	3660	3580	567	398
428	SEP17	CCL	3688.52	3686	3467	3660	3580	26	-113
429	SEP17	CCL	3767.61	3747	3530	3510	3371	237	159
430	SEP17	CCL	3743.53	3738	3567	3650	3471	88	96
431	SEP17	CCL	3702.82	3697	3492	5430	4797	-1733	-1304
432	SEP17	CCL	3609.93	3688	3579	3780	3459	-92	121
433	SEP17	CCL	3609.93	3838	3708	3780	3459	58	250
434	SEP17	CCL	3896.02	3676	3414	3790	3366	-114	48
435	SEP17	CCL	3896.02	3743	3510	3860	3507	-117	3
436	SEP17	CCL	3908.8	5658	5285	5310	4756	348	529
437	SEP17	CCL	3607.62	3859	3747	3710	3328	149	419
438	SEP17	CCL	3655.32	3902	2437	3350	2979	552	-542
439	SEP17	CCL	3655.32	4253	4011	3840	3324	413	687
440	SEP17	CCL	3640.91	4113	3786	4040	3551	73	234
441	SEP17	CCL	3591.41	4278	3958	4440	3790	-162	168
442	SEP17	CCL	3976.03	2958	2758	4060	3686	-1102	-929
443	SEP17	CCL	3976.03	3580	3248	4220	3817	-640	-569
444	SEP17	CCL	3725.41	5015	4720	4930	4747	85	-28
445	SEP17	CCL	3873.8	3688	3390	3950	3289	-262	101
446	SEP17	CCL	3821.31	5211	4737	4330	3977	881	760
447	SEP17	CCL	3495.92	4046	3826	4440	3760	-394	66
448	SEP17	CCL	3495.92	3765	3534	3800	3242	-35	292
449	SEP17	CCL	3582.73	4057	3769	4260	3630	-203	140
450	SEP17	CCL	3853.71	3959	3711	3630	3315	329	396
451	SEP17	CCL	3853.71	3268	3027	3280	2989	-12	38
452	SEP17	CCL	3853.71	3788	3524	3990	3650	-202	-126
453	SEP17	CCL	3759.31	3820	3530	4000	3512	-180	18
454	SEP17	CCL	3593.01	3847	3631	3870	3298	-23	333
455	SEP17	CCL	3658.91	4288	3997	4740	4343	-452	-345
456	SEP17	CCL	3538.24	3667	3353	4030	3681	-363	-328
457	SEP17	CCL	3538.24	3771	3434	4030	3614	-259	-179
458	SEP17	CCL	3594.71	3862	3702	4710	4320	-848	-618
459	SEP17	CCL	3815.51	3286	3031	4180	3920	-894	-889
460	SEP17	CCL	3798.31	3636	3368	3920	3639	-284	-271
461	SEP17	CCL	3677.63	3524	3163	3600	3401	-76	-238
462	SEP17	CCL	3555.81	3379	3264	3730	3419	-351	-155
463	SEP17	CCL	3651.11	4177	3910	4000	3756	177	154
464	SEP17	CCL	3514.61	4337	4059	4650	4256	-313	-198
465	SEP17	CCL	3577.41	4238	3987	4190	4016	48	-29

466	SEP17	CCL	3577.41	2877	2699	4190	4016	-1313	-1316
467	SEP17	CCL	3767.81	3990	3759	3430	3254	560	505
468	SEP17	CCL	3591.84	4094	3896	3510	3237	584	658
469	SEP17	CCL	3874.51	3896	3896	3940	3739	-44	157
470	SEP17	CCL	3874.51	4100	4100	3890	3625	210	475
471	SEP17	CCL	3999	4229	4003	4820	4573	-591	-570
472	SEP17	CCL	3577.73	3817	3558	4280	3910	-463	-352
473	SEP17	CCL	3583.61	4155	3882	4130	3874	25	8
474	SEP17	CCL	3731.7	3814	3814	3920	3607	-106	207
475	SEP17	ECL	575.81	4320	4088	3660	3555	660	533
476	SEP17	ECL	850.79	4240	3861	3800	3656	440	205
477	SEP17	ECL	1574.83	4380	4074	3560	3433	820	641
478	SEP17	ECL	639.42	3580	3442	3420	3318	160	124
479	SEP17	ECL	90535	3630	3538	3450	3425	180	113
480	SEP17	ECL	796.86	3600	3417	3520	3476	80	-59
481	SEP17	ECL	1702.82	3370	3216	3360	3329	10	-113
482	SEP17	ECL	819.94	2800	2715	3370	3349	-570	-634
483	SEP17	ECL	2779.1	4350	4196	4110	3844	240	352
484	SEP17	ECL	547.3	4270	3876	4070	3747	200	129
485	SEP17	ECL	651.8	5000	4762	4060	3803	940	958
486	SEP17	ECL	981.91	4640	4320	5780	5450	-1140	-1130
487	SEP17	ECL	173.44	4660	4222	5930	5611	-1270	-1389
488	SEP17	ECL	1259.96	4630	4240	4990	4674	-360	-434
489	SEP17	ECL	1056.68	4890	4533	5740	5334	-850	-801
491	SEP17	ECL	561.2	3670	3427	3260	3066	410	361
492	SEP17	ECL	1103	4090	4015	4160	3860	-70	155
493	SEP17	ECL	830.8	3340	3136	4140	3884	-800	-748
494	SEP17	ECL	1258.5	3870	3657	4950	4645	-1080	-988
495	SEP17	ECL	1572.18	3460	3278	4260	4058	-800	-781
496	SEP17	ECL	658.84	4470	4150	4270	4029	200	121
497	SEP17	ECL	515.88	4070	3920	3730	3563	340	357
498	SEP17	ECL	868.02	4320	4067	3470	3236	850	830
499	SEP17	ECL	2849.8	4270	3859	4350	3738	-80	121
500	SEP17	ECL	546.6	5000	4656	4340	3730	660	926
501	SEP17	ECL	1202.15	4710	4321	3060	2865	1650	1457
502	SEP17	ECL	2245.39	2780	2535	3050	2823	-270	-289
503	SEP17	ECL	3079.7	4320	3968	3620	3268	700	700
504	SEP17	ECL	759.2	4450	4058	3860	3479	590	579
507	SEP17	ECL	3173.8	4130	3720	4450	4209	-320	-488
508	SEP17	ECL	545.4	5850	5458	4750	4427	1100	1031
509	SEP17	ECL	1090.9	5760	5496	4740	4432	1020	1064
512	SEP17	ECL	1370.5	5920	5123	5050	4701	870	422
513	SEP17	ECL	2439.83	5810	5403	5530	5234	280	169
514	OCT17	CCL	3567.72	3874	3874	4580	4359	-706	-485
515	OCT17	CCL	3481.51	3914	3659	3940	3580	-26	78
516	OCT17	CCL	3472.73	3870	3870	4160	3810	-290	60
517	OCT17	CCL	3713.11	3974	3740	4720	4460	-746	-720

518	OCT17	CCL	3713.11	3937	3693	4160	3910	-223	-217
519	OCT17	CCL	3768.31	4193	3971	4290	4026	-97	-54
520	OCT17	CCL	3671.81	4010	3755	3990	3713	20	43
521	OCT17	CCL	3701.51	4093	3767	4970	4706	-877	-939
522	OCT17	CCL	3661.63	4153	3893	4130	3822	23	71
523	OCT17	CCL	3661.63	3439	3234	3970	3687	-531	-453
524	OCT17	CCL	3643.42	4011	3832	4330	4064	-319	-232
525	OCT17	CCL	3725.42	4145	3855	4380	3906	-235	-51
526	OCT17	CCL	3676.72	3825	3583	4230	3928	-405	-345
527	OCT17	CCL	3499.75	3832	3614	3710	3454	122	161
528	OCT17	CCL	3499.75	3864	3598	3890	3637	-26	-39
529	OCT17	CCL	3785.61	4112	3824	3830	3592	282	232
530	OCT17	CCL	3762.51	3859	3648	3370	3164	489	484
531	OCT17	CCL	3436.63	3708	3469	3760	3518	-52	-49
532	OCT17	CCL	3436.63	3272	3048	4230	3928	-958	-880
533	OCT17	CCL	3676.21	3578	3387	4150	3948	-572	-561
534	OCT17	CCL	3564.62	3930	3701	4360	4064	-430	-363
535	OCT17	CCL	3564.62	3930	3701	4060	3838	-130	-136
536	OCT17	CCL	3495.41	3751	3505	4470	4181	-719	-676
537	OCT17	CCL	3592.84	2765	2604	3590	3484	-825	-880
538	OCT17	CCL	3633.92	4099	3881	4280	4035	-181	-153
539	OCT17	CCL	3633.92	3850	3563	4280	4035	-430	-471
540	OCT17	CCL	3840.29	5530	5277	4560	4337	970	940
541	OCT17	CCL	3520.12	3748	3466	4700	4365	-952	-899
542	OCT17	CCL	3763.62	4029	3825	4570	4226	-541	-401
543	OCT17	CCL	3531.03	4308	4096	5150	4742	-842	-646
544	OCT17	CCL	3700.61	4000	3744	3900	3731	100	13
545	OCT17	CCL	3678.02	4110	3894	3010	2772	1100	1122
546	OCT17	CCL	3556.61	4164	3905	3560	3317	604	588
547	OCT17	CCL	3387.34	4281	4019	3480	3199	801	819
548	OCT17	CCL	3387.34	4612	4274	3870	3556	742	718
549	OCT17	CCL	3596.22	3606	3396	3460	3254	146	142
550	OCT17	CCL	3531.56	3615	3414	3200	2980	415	434
551	OCT17	CCL	3437.72	4262	4131	3360	3042	902	1089
552	OCT17	CCL	4076.26	4110	3877	3970	3713	140	164
554	OCT17	CCL	3978.21	3792	3599	3050	2708	742	892
555	OCT17	CCL	3978.21	3680	3572	2980	2717	700	856
556	OCT17	CCL	3906.71	3650	3440	3020	2793	630	648
557	OCT17	CCL	3906.71	3673	3673	3130	2886	543	787
558	OCT17	CCL	3570.22	4440	4267	3800	3538	640	729
559	OCT17	CCL	3674.93	4046	3759	3390	3145	656	614
560	OCT17	CCL	3674.93	3423	3280	3440	3245	-17	35
561	OCT17	CCL	3737.41	3882	3699	3920	3697	-38	2
562	OCT17	CCL	3617.12	3859	3672	3520	3250	339	422
563	OCT17	CCL	3617.12	3826	3632	3400	3141	426	492
564	OCT17	CCL	3488.44	4364	4092	3450	3196	914	896
565	OCT17	CCL	3895.01	3640	3400	3700	3393	-60	7

566	OCT17	CCL	3746.21	4096	3790	3660	3458	436	333
567	OCT17	CCL	3304.36	4240	4002	3950	3646	290	355
568	OCT17	CCL	3579.8	3492	3320	3400	3070	92	249
569	OCT17	CCL	3557.81	4381	4109	3610	3277	771	832
570	OCT17	CCL	3478.71	4530	4292	3300	3018	1230	1274
571	OCT17	CCL	3896.02	3676	3414	3670	3316	6	98
572	OCT17	CCL	3896.02	3797	3797	3670	3316	127	481
573	OCT17	CCL	3543.41	4482	4208	3670	3289	812	919
574	OCT17	CCL	3543.41	4719	4507	3670	3289	1049	1218
575	OCT17	CCL	3500.92	4193	3882	4050	3752	143	130
578	OCT17	CCL	3858.2	3963	3657	4080	3606	-117	51
579	OCT17	CCL	3707.72	3913	3705	3940	3556	-27	149
580	OCT17	CCL	3853.71	3913	3706	3940	3433	-27	273
581	OCT17	CCL	3853.71	3301	3036	3750	3408	-449	-372
582	OCT17	CCL	3544.42	4402	4078	4140	3839	262	239
583	OCT17	CCL	3544.42	4401	4119	3750	3467	651	652
585	OCT17	CCL	3649.11	3963	3746	2930	2663	1033	1084
586	OCT17	CCL	3512.43	4639	4402	3690	3341	949	1062
587	OCT17	CCL	3394.03	3707	3472	3700	3393	7	79
588	OCT17	CCL	3288.1	4239	3940	3660	3333	579	607
589	OCT17	CCL	3288.1	4074	3803	4040	3701	34	102
590	OCT17	CCL	3469.23	3927	3533	3680	3539	247	-7
591	OCT17	CCL	3616.51	4686	4424	2730	2513	1956	1911
592	OCT17	CCL	3654.11	3846	3539	4040	3724	-194	-185
593	OCT17	CCL	3654.11	3633	3334	3470	3237	163	97
594	OCT17	CCL	3689.12	3781	3504	3870	3517	-89	-13
595	OCT17	CCL	3689.12	3858	3621	3790	3418	68	203
597	OCT17	CCL	3602.31	4406	4141	4010	3656	396	485
598	OCT17	CCL	3986.1	4323	4055	2530	2420	1793	1635
599	OCT17	CCL	3523.93	3705	3464	3460	3215	245	249
600	OCT17	CCL	3523.93	4195	3968	3720	3440	475	528
601	OCT17	CCL	4063.5	3879	3682	2520	2350	1359	1332
602	OCT17	CCL	3954.95	5012	4777	4710	4470	302	307
603	OCT17	CCL	3712.11	4247	3961	4370	3995	-123	-33
604	OCT17	CCL	3581.42	3556	3274	3890	3698	-334	-424
605	OCT17	CCL	3496.63	4412	4170	3960	3660	452	509
606	OCT17	CCL	3496.63	4590	4324	3940	3659	650	664
607	OCT17	CCL	3533.11	4266	3996	3960	3711	306	285
608	OCT17	CCL	3506.71	4536	4179	4230	3819	306	360
609	OCT17	CCL	3772.41	3818	3506	3780	3468	38	39
610	OCT17	CCL	3772.41	3439	3120	3780	3468	-341	-347
611	OCT17	CCL	3664.81	3571	3394	3830	3520	-259	-126
612	OCT17	CCL	3642.31	4127	3793	4540	4203	-413	-410
613	OCT17	CCL	3548.1	3214	3067	3620	3206	-406	-139
614	OCT17	CCL	3548.1	3128	2942	3620	3206	-492	-264
615	OCT17	CCL	3586.03	3872	3647	4190	3916	-318	-269
616	OCT17	CCL	3694.91	3877	3639	3710	3504	167	135

617	OCT17	CCL	3494.33	3780	3555	3980	3759	-200	-205
618	OCT17	CCL	3494.33	3952	3746	4260	3929	-308	-183
619	OCT17	CCL	3654.01	3830	3599	3910	3604	-80	-5
620	OCT17	CCL	3662.22	3995	3812	3880	3632	115	180
621	OCT17	CCL	3662.22	3907	3676	4010	3787	-103	-111
622	OCT17	CCL	3639.52	5017	4694	4850	4229	167	464
624	OCT17	CCL	3896.7	3274	3274	4000	3830	-726	-556
625	OCT17	CCL	3896.7	3948	3948	4010	3874	-62	74
626	OCT17	CCL	3896.7	3648	3648	3980	3837	-332	-189
627	OCT17	CCL	3507.91	4296	4087	4550	4227	-254	-140
628	OCT17	CCL	3693.21	3651	3420	4700	4227	-1049	-807
629	OCT17	CCL	3558.92	4186	3943	4030	3772	156	171
630	OCT17	CCL	3689.21	4234	4028	4130	3852	104	177
631	OCT17	CCL	3689.21	5258	4973	4230	3976	1028	997
632	OCT17	CCL	3350.54	4523	4286	4260	3889	263	397
633	OCT17	CCL	3817	4119	3945	4640	4297	-521	-352
634	OCT17	CCL	3817	3986	3810	4640	4297	-654	-487
635	OCT17	CCL	3817	3433	3312	4640	4297	-1207	-985
636	OCT17	CCL	3527.93	3922	3725	4130	3832	-208	-107
637	OCT17	CCL	3864.8	4704	4475	5410	5026	-706	-550
638	OCT17	CCL	3864.8	4468	4128	5410	5026	-942	-898
639	OCT17	CCL	3864.8	4000	3767	5410	5026	-1410	-1258
640	OCT17	CCL	3260.32	4819	4506	4680	4336	139	169
641	OCT17	CCL	3772.01	3727	3485	4030	3615	-303	-130
642	OCT17	CCL	3772.01	2593	2366	4200	3863	-1607	-1496
643	OCT17	CCL	3513.72	4498	4399	4250	3966	248	433
644	OCT17	CCL	3608.92	4498	4345	4430	4130	68	215
645	OCT17	CCL	3685.34	3748	3520	3550	3231	198	289
646	OCT17	ECL	681.02	5410	5369	5300	5024	110	345
647	OCT17	ECL	714.27	4960	4965	4910	4540	50	425
648	OCT17	ECL	394.7	5640	5555	5240	5032	400	523
649	OCT17	ECL	1835.54	5190	5128	4320	3922	870	1206
650	OCT17	ECL	129.84	5450	5398	5190	4922	260	476
651	OCT17	ECL	3919	5240	5253	5300	4982	-60	271
652	OCT17	ECL	915.63	3980	3660	4400	4300	-420	-639
653	OCT17	ECL	1309.31	4330	3987	4630	4423	-300	-436
654	OCT17	ECL	982.99	3990	3735	4570	4489	-580	-754
655	OCT17	ECL	821.09	4340	3834	4610	4455	-270	-621
657	OCT17	ECL	947.3	5200	4734	4470	4124	730	610
658	OCT17	ECL	862.96	4900	4460	5480	5204	-580	-744
659	OCT17	ECL	1041.84	5360	4891	4320	3950	1040	941
660	OCT17	ECL	2210.2	3600	3304	4540	4447	-940	-1143
661	OCT17	ECL	678.6	4450	3995	3810	3794	640	201
662	OCT17	ECL	1032.1	4490	4216	4270	4208	220	8
663	OCT17	ECL	715.1	4390	4180	4520	4245	-130	-66
664	OCT17	ECL	447	4550	4249	4520	4245	30	3
665	OCT17	ECL	634.7	4810	4571	4520	4245	290	326

666	OCT17	ECL	2218.6	3850	3622	4520	4245	-670	-623
667	OCT17	ECL	3606.76	5730	5503	5340	4975	390	529
669	OCT17	ECL	917.32	3790	3640	3860	3695	-70	-55
670	OCT17	ECL	711.59	3650	3523	3460	3333	190	190
671	OCT17	ECL	660	4160	4033	4370	4223	-210	-190
672	OCT17	ECL	1377.26	4050	3872	4500	4403	-450	-531
673	OCT17	ECL	1201	5650	5176	3090	2793	2560	2383
674	OCT17	ECL	2700.4	5510	4931	3610	3298	1900	1633
675	OCT17	ECL	593	3410	3275	3330	3157	80	118
676	OCT17	ECL	805.7	3770	3548	3560	3342	210	206
677	OCT17	ECL	987	3650	3472	3670	3471	-20	1
678	OCT17	ECL	1376.1	3750	3559	3730	3559	20	0
679	OCT17	ECL	3690.68	5170	4657	4820	4507	350	150
681	OCT17	ECL	3845	3580	3453	3240	3076	340	376
682	OCT17	ECL	3450.6	5370	4957	4010	3799	1360	1159
683	OCT17	ECL	2074.35	3750	3429	4100	3908	-350	-478
684	OCT17	ECL	1587.76	3400	3139	4580	4313	-1180	-1174
686	OCT17	ECL	1850.2	5760	5406	4370	4107	1390	1300
687	OCT17	ECL	427.97	5860	5421	4170	3851	1690	1571
688	OCT17	ECL	686.14	5850	5379	4620	4362	1230	1018
689	OCT17	ECL	3228.63	5360	4935	4210	3855	1150	1079
690	OCT17	ECL	2452.38	4630	4223	5250	5027	-620	-803
691	OCT17	ECL	1004.76	4430	4043	4690	4428	-260	-385
692	OCT17	ECL	1303.41	3760	3438	5300	5021	-1540	-1583
693	OCT17	ECL	2443.19	3730	3325	5300	5021	-1570	-1696
694	OCT17	ECL	2056.93	3650	3483	3650	3523	0	-40
695	OCT17	ECL	541.67	3980	3758	4060	3973	-80	-215
696	OCT17	ECL	752.28	3770	3659	3410	3236	360	423
697	NOV17	CCL	3907.41	3892	3687	3980	3570	-88	116
698	NOV17	CCL	3907.41	2823	2626	3980	3570	-1157	-944
699	NOV17	CCL	4098.2	3672	3468	4590	4318	-918	-850
700	NOV17	CCL	3960.9	3921	3736	3480	3129	441	607
701	NOV17	CCL	3960.9	3792	3598	3480	3129	312	468
702	NOV17	CCL	3602.93	3552	3362	3740	3458	-188	-95
703	NOV17	CCL	3820.4	4523	4294	4160	4019	363	274
704	NOV17	CCL	3820.4	3969	3744	3770	3496	199	248
705	NOV17	CCL	3422.81	4145	3773	4920	4460	-775	-687
706	NOV17	CCL	3866.32	5348	5142	4190	3830	1158	1312
707	NOV17	CCL	3548.13	4231	4470	4040	3803	191	667
708	NOV17	CCL	3611.41	4837	4502	4480	4305	357	198
709	NOV17	CCL	3917	4342	4104	3690	3398	652	706
710	NOV17	CCL	3917	3749	3470	3690	3398	59	72
711	NOV17	CCL	3599.83	3539	3274	4520	4129	-981	-855
712	NOV17	CCL	3680.81	3749	3548	5100	4745	-1351	-1197
713	NOV17	CCL	3646.42	3516	3315	4710	4403	-1194	-1087
714	NOV17	CCL	3871.37	4729	4508	4490	4196	239	311
715	NOV17	CCL	3465	3700	3504	4040	3696	-340	-191

716	NOV17	CCL	3465	4450	4357	4120	3821	330	537
717	NOV17	CCL	3669.82	4235	4022	4110	3766	125	256
718	NOV17	CCL	3595.72	3835	3657	4180	3932	-345	-275
719	NOV17	CCL	3622.22	4330	4074	3310	3107	1020	967
720	NOV17	CCL	3622.22	4052	3950	3260	3025	792	925
721	NOV17	CCL	3590.71	3536	3401	3710	3394	-174	8
723	NOV17	CCL	3706.21	3717	3536	4850	4611	-1133	-1074
724	NOV17	CCL	3753.5	4181	3994	4020	3766	161	228
725	NOV17	CCL	3551.81	3676	3506	4170	3875	-494	-370
726	NOV17	CCL	3417.13	4860	4450	4570	4213	290	237
727	NOV17	CCL	3850.52	3230	3003	3080	2883	150	121
728	NOV17	CCL	3850.52	3103	2898	3070	2851	33	47
729	NOV17	CCL	3625.49	4312	4113	4240	3713	72	400
730	NOV17	CCL	3452.55	3914	3678	3710	3428	204	251
731	NOV17	CCL	3514.21	4259	3988	4280	3860	-21	128
732	NOV17	CCL	3514.21	4038	3782	4230	3889	-192	-107
733	NOV17	CCL	3872.1	3612	3436	4260	3859	-648	-424
734	NOV17	CCL	3479.62	4135	3889	3860	3597	275	292
735	NOV17	CCL	3387.33	4244	4010	4690	4404	-446	-394
736	NOV17	CCL	3527.01	4181	3924	4180	3906	1	18
737	NOV17	CCL	3533.72	3779	3597	4420	4140	-641	-543
738	NOV17	CCL	3533.72	4846	4542	4240	3967	606	575
739	NOV17	CCL	3823.55	3284	3109	3880	3566	-596	-457
740	NOV17	CCL	3823.55	3411	3165	3880	3566	-469	-401
741	NOV17	CCL	3515.14	3927	3646	3900	3608	27	39
742	NOV17	CCL	3667.72	3502	3313	3910	3527	-408	-214
743	NOV17	CCL	3752.91	3949	3731	4130	3812	-181	-81
744	NOV17	CCL	3856.1	4107	3888	3090	2886	1017	1002
745	NOV17	CCL	3856.1	3843	3627	3090	2886	753	741
746	NOV17	CCL	3856.1	3303	3116	3090	2886	213	231
747	NOV17	CCL	3646.21	4255	4029	4280	4081	-25	-52
748	NOV17	CCL	3373.67	3297	3069	3950	3818	-653	-750
749	NOV17	CCL	3373.67	3639	3394	3950	3818	-311	-425
750	NOV17	CCL	3808.54	4367	4212	4990	4696	-623	-484
751	NOV17	CCL	4210	4117	3907	4100	3833	17	74
752	NOV17	CCL	4099	4177	3973	3910	3664	267	310
753	NOV17	CCL	4085	4294	4093	2960	2779	1334	1314
754	NOV17	CCL	4047.7	3291	3070	3460	3262	-169	-191
755	NOV17	CCL	4047.7	4243	4243	3460	3262	783	981
756	NOV17	CCL	4047.7	3132	2979	3460	3262	-328	-283
757	NOV17	CCL	3590.01	4845	4605	4390	4105	455	500
758	NOV17	CCL	3765.51	3714	3520	4410	4090	-696	-570
759	NOV17	CCL	3854.02	3103	2960	3860	3464	-757	-504
760	NOV17	CCL	4220.5	3604	3421	3170	2924	434	498
761	NOV17	CCL	3666.13	4548	4418	3890	3653	658	765
762	NOV17	CCL	3896.65	5079	4805	4440	4113	639	692
763	NOV17	CCL	3613.72	3651	3416	3560	3194	91	223

764	NOV17	CCL	3613.72	4170	3985	4060	3612	110	373
765	NOV17	CCL	3709.41	4291	4055	3680	3448	611	607
766	NOV17	CCL	3861.81	3428	3202	4130	3890	-702	-688
767	NOV17	CCL	3861.81	3273	3152	4130	3890	-857	-738
768	NOV17	CCL	3861.81	3217	3007	4130	3890	-913	-883
769	NOV17	CCL	4067.7	3932	3738	3520	3178	412	561
770	NOV17	CCL	3948.1	3328	3044	2980	2836	348	208
771	NOV17	CCL	3948.1	3353	3056	2980	2836	373	221
772	NOV17	CCL	3948.1	3915	3632	2980	2836	935	796
773	NOV17	CCL	3541.92	4654	4525	3680	3381	974	1144
774	NOV17	CCL	3608.21	4188	3961	3650	3358	538	603
775	NOV17	CCL	3608.21	4858	4433	3550	3304	1308	1129
776	NOV17	CCL	3888.29	5344	5050	3820	3557	1524	1493
777	NOV17	CCL	3758.3	4882	4723	3820	3574	1062	1149
778	NOV17	CCL	3440.84	4304	4162	3860	3573	444	589
779	NOV17	CCL	3965.52	3798	3573	3750	3459	48	114
780	NOV17	CCL	3965.52	3505	3345	3710	3432	-205	-87
781	NOV17	CCL	3965.52	3558	3308	3850	3541	-292	-232
782	NOV17	CCL	3838.12	3056	2855	3670	3389	-614	-534
783	NOV17	CCL	3838.12	3627	3408	3930	3591	-303	-183
784	NOV17	CCL	3861.81	3795	3506	4060	3715	-265	-209
785	NOV17	CCL	3861.81	4069	3805	4180	3800	-111	5
786	NOV17	CCL	3861.81	4195	4052	4290	3949	-95	103
787	NOV17	CCL	3499.81	5226	5020	4910	4521	316	499
788	NOV17	CCL	3647.12	4198	3997	3980	3679	218	317
789	NOV17	CCL	3719.41	4240	4065	3940	3601	300	464
790	NOV17	CCL	3719.41	4080	3913	4020	3756	60	156
791	NOV17	CCL	3790.2	4750	4418	4830	4496	-80	-77
792	NOV17	CCL	3869.71	3660	3467	4180	3838	-520	-371
795	NOV17	CCL	3543.11	4356	4138	4250	3898	106	240
796	NOV17	CCL	3451.37	4577	4263	3750	3384	827	879
799	NOV17	CCL	3484.63	4292	4144	3620	3344	672	800
800	NOV17	CCL	3484.63	3876	3684	4270	4017	-394	-333
801	NOV17	CCL	3600.13	4007	3756	4410	4156	-403	-400
802	NOV17	CCL	3600.13	4069	3820	4410	4031	-341	-211
803	NOV17	CCL	3395.91	4721	4458	3880	3603	841	855
804	NOV17	CCL	3570.31	5111	4853	4410	4101	701	751
805	NOV17	CCL	3498.22	4367	4023	3740	3461	627	562
806	NOV17	CCL	3802.31	3735	3432	3700	3424	35	8
807	NOV17	CCL	3802.31	3672	3443	3810	3568	-138	-125
808	NOV17	CCL	3925.97	5311	4917	4020	3729	1291	1188
809	NOV17	CCL	3992.1	4146	3837	3360	3142	786	695
810	NOV17	CCL	3992.1	3818	3585	3010	2787	808	798
811	NOV17	CCL	3992.1	3765	3503	3310	3088	455	415
812	NOV17	CCL	3735.02	3920	3713	3930	3573	-10	139
813	NOV17	CCL	3469.87	5013	4831	3090	2840	1923	1991
814	NOV17	CCL	3772.72	3428	3237	3300	3029	128	207

815	NOV17	CCL	3671.02	3728	3484	4160	3893	-432	-409
816	NOV17	CCL	3671.02	3956	3773	4160	3963	-204	-190
817	NOV17	CCL	3484.64	3794	3627	4240	3957	-446	-330
818	NOV17	CCL	3618.11	3612	3403	4340	4055	-728	-652
819	NOV17	CCL	3884.8	3935	3748	4920	4585	-985	-837
820	NOV17	CCL	3405.31	4823	4456	4690	4254	133	202
821	NOV17	CCL	3962.4	4272	4077	4900	4493	-628	-416
822	NOV17	CCL	3536.53	3954	3770	4990	4572	-1036	-802
823	NOV17	CCL	3581.81	4196	3986	4950	4506	-754	-520
824	NOV17	CCL	3364.82	4283	3969	4630	4277	-347	-308
825	NOV17	CCL	3538.72	3989	3851	4380	4063	-391	-212
826	NOV17	CCL	3538.72	3761	3610	4470	4207	-709	-597
827	NOV17	CCL	3775.1	5475	5281	4960	4651	515	630
828	NOV17	CCL	3292.2	4921	4718	4560	4241	361	477
829	NOV17	CCL	3773.91	4616	4616	4780	4261	-164	355
830	NOV17	CCL	3643.11	4100	3942	4990	4515	-890	-573
831	NOV17	CCL	3643.11	4133	3896	4970	4503	-837	-606
832	NOV17	CCL	3643.11	4007	3868	4780	4370	-773	-502
833	NOV17	CCL	3530.07	4165	3952	4590	4200	-425	-248
834	NOV17	CCL	3349.52	4552	4201	4630	4325	-78	-124
835	NOV17	CCL	3806.3	4948	4596	4660	4317	288	279
836	NOV17	CCL	3681.31	4372	4182	4800	4258	-428	-76
837	NOV17	CCL	3385.51	4884	4710	4750	4363	134	347
838	NOV17	CCL	3579.72	4198	3989	4630	4133	-432	-144
839	NOV17	CCL	3372.13	3701	3530	3800	3440	-99	90
840	NOV17	CCL	3884.9	4616	4442	4140	3938	476	504
841	NOV17	CCL	3968.11	4508	4508	3680	3311	828	1197
842	NOV17	CCL	3526.52	4118	3918	4230	3851	-112	66
843	NOV17	CCL	3526.52	3869	3701	4230	3805	-361	-104
844	NOV17	CCL	3691.11	4218	4007	4020	3658	198	349
845	NOV17	CCL	3990.4	3954	3714	4070	3764	-116	-50
846	NOV17	CCL	3990.4	3832	3624	3920	3654	-88	-30
847	NOV17	CCL	3478.52	3855	3659	4150	3852	-295	-194
848	NOV17	CCL	3845.18	3690	3451	4310	3986	-620	-535
849	NOV17	CCL	3768.81	3602	3391	4100	3787	-498	-396
850	NOV17	CCL	4145.9	3867	3636	3870	3586	-3	50
851	NOV17	CCL	3432.42	4917	4560	4320	3935	597	624
852	NOV17	CCL	3836.58	5660	5326	4800	4460	860	866
853	NOV17	CCL	4105.8	3858	3640	3600	3263	258	377
854	NOV17	CCL	4105.8	4290	4079	3490	3171	800	909
855	NOV17	CCL	3378.51	4588	4413	4820	4307	-232	107
856	NOV17	CCL	3512.21	4649	4349	4420	3851	229	498
857	NOV17	CCL	3764.73	3977	3737	4810	4344	-833	-607
858	NOV17	CCL	3764.73	3797	3642	4440	4065	-643	-423
859	NOV17	CCL	3764.73	3947	3741	4070	3677	-123	64
860	NOV17	ECL	657.3	3780	3469	3470	3279	310	190
861	NOV17	ECL	968	3930	3646	3680	3466	250	180

862	NOV17	ECL	742.6	4190	3851	3410	3288	780	563
863	NOV17	ECL	1219.4	3550	3352	3770	3609	-220	-257
864	NOV17	ECL	1009.4	3760	3660	3510	3367	250	293
865	NOV17	ECL	1025.38	3990	3682	4780	4585	-790	-902
866	NOV17	ECL	614.2	5490	5179	4410	4351	1080	828
867	NOV17	ECL	618.79	4610	4386	4440	4286	170	99
868	NOV17	ECL	1312.39	4290	4147	4610	4389	-320	-243
869	NOV17	ECL	784.67	4000	3878	4610	4389	-610	-511
870	NOV17	ECL	1291.39	3890	3811	4610	4389	-720	-579
871	NOV17	ECL	2075.34	4480	3985	5030	4786	-550	-801
872	NOV17	ECL	1528.27	3840	3323	5030	4786	-1190	-1463
873	NOV17	ECL	3321.22	5110	4856	5470	5067	-360	-211
874	NOV17	ECL	918.96	5000	4630	5450	4917	-450	-287
875	NOV17	ECL	2190.82	5390	5141	5090	4654	300	487
876	NOV17	ECL	930.42	5740	5408	5480	4968	260	440
877	NOV17	ECL	253.81	5850	5486	5500	4987	350	498
878	NOV17	ECL	125	5800	5460	5230	4624	570	836
879	NOV17	ECL	1244.4	5550	5211	5560	5071	-10	140
880	NOV17	ECL	335.64	5720	5392	5700	5226	20	167
881	NOV17	ECL	973.11	5500	5264	5760	5338	-260	-74
884	NOV17	ECL	1260	3870	3725	4640	4438	-770	-713
885	NOV17	ECL	560	3570	3421	4610	4390	-1040	-969
886	NOV17	ECL	700	4090	3908	4200	3977	-110	-69
887	NOV17	ECL	1540	3850	3666	4180	4031	-330	-365
888	NOV17	ECL	700	3090	2949	3530	3415	-440	-466
889	NOV17	ECL	1400	3960	3767	3600	3458	360	309
890	NOV17	ECL	840	3510	3321	4000	3870	-490	-549
891	NOV17	ECL	1050	3520	3370	4080	3843	-560	-473
892	NOV17	ECL	801.47	2910	2792	3600	3516	-690	-723
893	NOV17	ECL	994.4	3110	3000	3860	3682	-750	-682
894	NOV17	ECL	1220	4200	4000	3330	3211	870	788
895	NOV17	ECL	640.2	3990	3869	3820	3645	170	223
896	NOV17	ECL	949.7	3710	3527	4340	4151	-630	-624
897	NOV17	ECL	1220.7	3180	3035	4260	4103	-1080	-1068
898	NOV17	ECL	647.2	3720	3536	4430	4290	-710	-754
899	NOV17	ECL	826.7	4230	4059	4390	4207	-160	-148
900	NOV17	ECL	2947.9	5300	4806	3930	3603	1370	1203
901	NOV17	ECL	640.77	5360	4863	4140	3734	1220	1129
902	NOV17	ECL	527.34	5170	4645	4130	3846	1040	799
903	NOV17	ECL	3343.8	5720	5304	3890	3510	1830	1793
904	NOV17	ECL	700	4090	3962	4090	3825	0	137
905	NOV17	ECL	910	4530	4333	4530	4273	0	60
906	NOV17	ECL	840	3240	3060	3240	3086	0	-26
907	NOV17	ECL	840	3560	3434	3550	3338	10	96
908	NOV17	ECL	768	3660	3500	3600	3439	60	61
910	NOV17	ECL	1913	4120	3978	4110	3838	10	140
911	NOV17	ECL	658.5	3570	3410	3560	3335	10	75

912	NOV17	ECL	1095.7	4180	4023	4180	3907	0	115
913	NOV17	BCCL	2584.41	4350	4046	5010	4958	-660	-912
914	NOV17	BCCL	983.94	4300	4135	4240	4144	60	-9
915	NOV17	BCCL	3760.5	4250	4078	4280	4159	-30	-80
916	NOV17	BCCL	3760.5	5640	5407	4010	3908	1630	1498
917	NOV17	BCCL	4037.94	3833	3608	4060	3894	-227	-286
918	NOV17	BCCL	3681.7	3960	3876	3870	3767	90	109
919	NOV17	BCCL	3681.7	4140	4061	3740	3581	400	480
920	NOV17	BCCL	3681.7	4210	4185	3820	3708	390	477
921	NOV17	BCCL	3582.3	4040	3950	4260	4090	-220	-140
922	NOV17	BCCL	1562.98	4420	4340	3190	3061	1230	1279
923	NOV17	BCCL	1562.98	3860	3708	3190	3061	670	647
924	NOV17	BCCL	2089.08	3940	3821	3340	3164	600	657
925	NOV17	BCCL	2089.08	5710	5463	3340	3164	2370	2299
926	NOV17	BCCL	2066.24	3770	3652	5390	5167	-1620	-1515
927	NOV17	BCCL	2066.24	4310	4177	5390	5167	-1080	-990
928	NOV17	BCCL	3756.66	3580	3446	3910	3798	-330	-352
929	NOV17	BCCL	3756.66	4350	4280	3910	3798	440	481
930	NOV17	BCCL	1726.89	5630	5579	5620	5404	10	175
931	NOV17	BCCL	1726.89	3750	3705	5620	5404	-1870	-1699
932	NOV17	BCCL	2111.1	3960	3852	3740	3600	220	252
933	NOV17	BCCL	2111.1	3690	3556	3740	3600	-50	-44
934	NOV17	BCCL	1646.1	4460	4375	3740	3626	720	749
935	NOV17	BCCL	1646.1	4740	4702	3740	3626	1000	1076
936	NOV17	BCCL	2281.6	3640	3588	3740	3603	-100	-15
937	NOV17	BCCL	2281.6	4190	4053	3740	3603	450	450
938	NOV17	BCCL	3688.82	5260	5191	4710	4539	550	652
939	NOV17	BCCL	3688.82	5080	4983	3890	3740	1190	1243
940	DEC17	CCL	4042.2	2842	2646	4270	3714	-1428	-1068
941	DEC17	CCL	4042.2	3568	3377	3800	3401	-232	-24
942	DEC17	CCL	3486.9	4358	4134	4070	3742	288	392
943	DEC17	CCL	3491.01	4078	3859	3780	3511	298	348
944	DEC17	CCL	3491.01	4196	4014	3700	3472	496	542
945	DEC17	CCL	3684.12	4384	4199	4500	4228	-116	-29
946	DEC17	CCL	3684.12	4891	4750	4300	3947	591	803
947	DEC17	CCL	3625.6	4919	4778	4810	4467	109	311
948	DEC17	CCL	3978.1	4847	4454	4460	4111	387	343
949	DEC17	CCL	3838.5	4258	3999	3220	2967	1038	1032
950	DEC17	CCL	3838.5	4618	4341	3220	2967	1398	1374
951	DEC17	CCL	3618.44	4394	4170	3230	2962	1164	1208
952	DEC17	CCL	3618.44	4341	4124	3660	3357	681	767
953	DEC17	CCL	3793.94	3995	3761	3700	3384	295	377
954	DEC17	CCL	3793.94	3959	3803	4130	3738	-171	65
955	DEC17	CCL	3793.94	4099	3896	3670	3339	429	557
956	DEC17	CCL	3647.21	4742	4329	4310	3955	432	374
957	DEC17	CCL	3746.02	3770	3643	3760	3431	10	212
958	DEC17	CCL	3746.02	4897	4827	3800	3363	1097	1464

959	DEC17	CCL	3844.91	3913	3636	4050	3734	-137	-98
960	DEC17	CCL	3844.91	4652	4444	4050	3734	602	711
961	DEC17	CCL	3611.71	4781	4436	4960	4537	-179	-101
962	DEC17	CCL	3931.15	5446	5052	4380	4041	1066	1012
963	DEC17	CCL	3296.13	4683	4569	3980	3678	703	891
964	DEC17	CCL	3654.02	4284	4021	4140	3819	144	202
965	DEC17	CCL	3654.02	4172	4012	4140	3819	32	193
966	DEC17	CCL	3548.61	4516	4144	4380	4051	136	93
967	DEC17	CCL	3743.72	4039	3921	4610	4071	-571	-150
968	DEC17	CCL	3743.72	3958	3766	4210	3953	-252	-187
969	DEC17	CCL	3677.22	4305	4013	4100	3830	205	182
970	DEC17	CCL	3677.22	4504	4375	4420	4208	84	167
971	DEC17	CCL	3908.9	3693	3531	3930	3724	-237	-193
972	DEC17	CCL	3908.9	4026	3826	3900	3702	126	124
973	DEC17	CCL	3908.9	3397	3175	3330	3132	67	43
974	DEC17	CCL	3530.42	3930	3624	4020	3727	-90	-103
975	DEC17	CCL	3530.42	4609	4487	4000	3695	609	792
976	DEC17	CCL	3506.76	4586	4196	4440	4066	146	131
977	DEC17	CCL	3484.73	4694	4315	4630	4191	64	125
978	DEC17	CCL	3661.5	4716	4381	4190	3921	526	460
979	DEC17	CCL	3696.01	4200	3985	3540	3237	660	748
980	DEC17	CCL	3696.01	4720	4507	3770	3434	950	1073
981	DEC17	CCL	3790.9	4975	4655	4520	4192	455	463
982	DEC17	CCL	3790.9	4530	4209	4860	4441	-330	-232
983	DEC17	CCL	3821.8	4158	3862	4060	3786	98	76
984	DEC17	CCL	3821.8	4158	3893	3980	3745	178	149
985	DEC17	CCL	3532.04	4903	4509	4380	4139	523	370
986	DEC17	CCL	3328.33	3999	3766	3830	3479	169	288
987	DEC17	CCL	3328.33	4757	4393	3790	3531	967	861
988	DEC17	CCL	3444.61	4348	4175	4340	3951	8	225
989	DEC17	CCL	3444.61	4643	4406	4190	3685	453	721
990	DEC17	CCL	3802.7	4078	3700	4160	3837	-82	-137
991	DEC17	CCL	3802.7	4246	3921	4160	3837	86	85
992	DEC17	CCL	3802.7	4608	4243	4160	3837	448	406
993	DEC17	CCL	3851.92	5567	5221	4820	4487	747	734
994	DEC17	CCL	3623.41	5014	4710	4130	3924	884	785
995	DEC17	CCL	3860.01	3825	3539	3970	3693	-145	-154
996	DEC17	CCL	3860.01	3620	3467	4170	3721	-550	-254
997	DEC17	CCL	3860.01	3886	3570	4360	3900	-474	-329
998	DEC17	CCL	3528.93	3347	3111	4050	3768	-703	-657
999	DEC17	CCL	3528.93	4635	4345	3960	3745	675	600
1000	DEC17	CCL	3852.6	4439	4191	3980	3762	459	430
1001	DEC17	CCL	3852.6	3419	3221	4180	4001	-761	-780
1002	DEC17	CCL	3516.11	4917	4797	4020	3728	897	1069
1003	DEC17	CCL	3516.11	4985	4618	4640	4287	345	331
1004	DEC17	CCL	3426.84	4720	4538	4840	4417	-120	121
1005	DEC17	CCL	3512.21	5024	4517	4770	4510	254	7

1006	DEC17	CCL	3512.21	4507	4250	4460	4184	47	66
1007	DEC17	CCL	3681.7	5380	5167	5510	4816	-130	352
1008	DEC17	CCL	3505.11	4419	4156	4390	4032	29	124
1009	DEC17	CCL	3830.6	5056	4678	4410	3989	646	689
1010	DEC17	CCL	3654.4	4252	3846	4370	4115	-118	-268
1011	DEC17	CCL	3654.4	4697	4417	4850	4396	-153	21
1012	DEC17	CCL	3638.95	5062	4691	4380	4177	682	514
1013	DEC17	CCL	3144.4	4469	4168	4880	4346	-411	-179
1014	DEC17	CCL	3144.4	5116	4927	4800	4409	316	518
1015	DEC17	CCL	3568.24	4266	4149	4440	4058	-174	92
1016	DEC17	CCL	3404.81	4637	4211	4860	4410	-223	-199
1017	DEC17	CCL	3404.81	4144	3802	4190	3823	-46	-21
1018	DEC17	CCL	3518.43	4636	4449	4880	4153	-244	296
1019	DEC17	CCL	3225.93	4656	4327	4790	4437	-134	-110
1020	DEC17	CCL	3225.93	4968	4601	4660	4006	308	595
1021	DEC17	CCL	3414.11	4530	4261	4920	4361	-390	-99
1022	DEC17	CCL	3414.11	4707	4341	4850	4434	-143	-93
1023	DEC17	CCL	3651.41	4452	4140	4580	3934	-128	206
1024	DEC17	CCL	3651.41	4090	3963	4830	4490	-740	-527
1025	DEC17	CCL	3409.01	4487	4306	4430	4081	57	225
1026	DEC17	CCL	3130.3	4444	4148	4620	4240	-176	-92
1027	DEC17	CCL	3399.92	4585	4361	4460	4256	125	105
1028	DEC17	CCL	3646.81	4640	4506	4670	4297	-30	209
1029	DEC17	CCL	3827.8	5721	5399	4920	4548	801	851
1030	DEC17	CCL	3649.31	4344	4192	4230	3818	114	374
1031	DEC17	CCL	3649.31	4280	4026	3720	3336	560	690
1032	DEC17	CCL	3311.23	4522	4283	4040	3545	482	738
1033	DEC17	CCL	3311.23	4606	4352	4610	4269	-4	83
1034	DEC17	CCL	3322.92	4573	4401	3730	3475	843	926
1035	DEC17	CCL	3322.92	4283	4105	4210	3835	73	269
1036	DEC17	CCL	3901.6	4062	3870	4440	3894	-378	-24
1037	DEC17	CCL	3452.01	4588	4285	3850	3259	738	1026
1038	DEC17	CCL	3570.02	4617	4381	4210	3717	407	664
1039	DEC17	CCL	3572.01	4894	4584	4460	3802	434	781
1040	DEC17	CCL	3572.01	4414	4057	4300	3857	114	200
1041	DEC17	CCL	3350.74	4389	4081	4000	3727	389	354
1042	DEC17	CCL	3350.74	4624	4317	3990	3664	634	653
1043	DEC17	CCL	3368.72	3585	3393	4340	4028	-755	-635
1044	DEC17	CCL	3720.1	4555	4348	4580	4351	-25	-3
1045	DEC17	CCL	3720.1	4635	4328	4510	4195	125	133
1046	DEC17	CCL	3917.2	4411	4278	4150	3733	261	545
1047	DEC17	CCL	3917.2	4191	3924	4280	4024	-89	-100
1048	DEC17	CCL	3543.81	4589	4385	4360	4043	229	343
1049	DEC17	CCL	3543.81	4677	4455	3710	3341	967	1114
1050	DEC17	CCL	3382.01	4004	3783	4400	4066	-396	-283
1051	DEC17	CCL	3382.01	4220	3989	4270	3922	-50	67
1052	DEC17	CCL	3470.42	4411	4159	4390	4070	21	90

1053	DEC17	CCL	3470.42	4552	4278	3700	3446	852	832
1054	DEC17	CCL	3817.1	4387	4217	4190	3786	197	431
1055	DEC17	CCL	3569.52	4385	4097	3820	3428	565	669
1056	DEC17	CCL	3456.42	3848	3651	4180	3729	-332	-78
1057	DEC17	CCL	3456.42	4612	4283	4520	4054	92	229
1058	DEC17	CCL	3778.1	4580	4347	4490	4057	90	290
1059	DEC17	CCL	3377.04	4514	4272	4200	3926	314	346
1060	DEC17	CCL	3621.01	4583	4365	4290	4007	293	358
1061	DEC17	CCL	3544.22	4645	4312	4210	3936	435	375
1062	DEC17	CCL	3656.01	4702	4519	3920	3581	782	938
1063	DEC17	CCL	3656.01	4631	4332	3940	3634	691	698
1064	DEC17	CCL	3524.03	4462	4279	4580	4079	-118	200
1065	DEC17	CCL	3594.11	4351	4046	4040	3774	311	272
1066	DEC17	CCL	3594.11	4229	3966	4070	3669	159	297
1067	DEC17	CCL	3501.71	4772	4498	4040	3633	732	865
1068	DEC17	CCL	3286.87	4500	4305	4140	3634	360	671
1069	DEC17	CCL	3286.87	4323	3876	4580	4089	-257	-213
1070	DEC17	CCL	3479.42	4173	3945	5200	4592	-1027	-647
1071	DEC17	CCL	3663.82	4808	4696	4340	3979	468	717
1072	DEC17	CCL	3521.81	4425	4128	4430	4050	-5	78
1073	DEC17	CCL	3399.58	4611	4420	5050	4485	-439	-66
1074	DEC17	CCL	3950.6	4396	4121	4620	4020	-224	102
1075	DEC17	CCL	3212.94	4233	4047	5270	4675	-1037	-628
1076	DEC17	CCL	3212.94	4888	4622	4670	4310	218	311
1077	DEC17	CCL	3415.62	4438	4314	4450	4084	-12	230
1078	DEC17	CCL	3403.62	4390	4155	4320	3936	70	219
1079	DEC17	CCL	3685.51	4584	4437	4120	3789	464	648
1080	DEC17	CCL	3401.31	4541	4405	4580	3900	-39	506
1081	DEC17	CCL	3401.31	4658	4375	4860	4397	-202	-22
1082	DEC17	CCL	3819.8	4325	4039	5000	4509	-675	-470
1083	DEC17	CCL	3420.01	4745	4633	4050	3643	695	991
1084	DEC17	CCL	3420.01	4394	4122	4310	3996	84	126
1085	DEC17	CCL	3686.42	4639	4320	4500	4113	139	207
1086	DEC17	CCL	3524.31	4569	4278	4080	3565	489	713
1087	DEC17	CCL	3200.44	4612	4402	4570	4282	42	120
1088	DEC17	CCL	3923.91	4044	3924	5190	4617	-1146	-693
1089	DEC17	CCL	3923.91	3401	3128	5190	4617	-1789	-1489
1090	DEC17	CCL	3564.91	3986	3726	4660	4437	-674	-711
1091	DEC17	CCL	3564.91	4358	4119	4620	4384	-262	-265
1092	DEC17	CCL	3358.55	4535	4475	3980	3748	555	727
1093	DEC17	CCL	3532.31	4646	4378	4260	4025	386	353
1094	DEC17	CCL	3381.72	4587	4505	4260	3912	327	593
1095	DEC17	CCL	3381.72	5069	5035	4350	4014	719	1021
1096	DEC17	CCL	3498.41	4198	4077	3860	3572	338	505
1097	DEC17	CCL	3597.32	4828	4706	4320	3876	508	830
1098	DEC17	CCL	3752.6	4804	4609	3970	3703	834	906
1099	DEC17	CCL	3324.78	5184	4908	4280	3890	904	1018

1100	DEC17	CCL	3761.7	4936	4771	4340	4024	596	748
1101	DEC17	CCL	3761.7	5250	5022	4070	3765	1180	1257
1102	DEC17	CCL	3867.66	5231	4998	4790	4525	441	473
1103	DEC17	CCL	3841.8	5122	4863	4830	4216	292	646
1104	DEC17	CCL	3867.3	4834	4641	4730	4370	104	270
1105	DEC17	CCL	3440.61	5050	4890	4040	3655	1010	1235
1106	DEC17	CCL	3665.22	4255	3942	4820	4459	-565	-516
1107	DEC17	CCL	3459.31	4520	4173	4280	3853	240	321
1108	DEC17	CCL	3442.12	4196	3976	3880	3409	316	568
1109	DEC17	CCL	3442.12	4157	3899	3950	3531	207	368
1110	DEC17	ECL	1297.1	4920	4489	3970	3800	950	690
1111	DEC17	ECL	618.3	5020	4505	4620	4203	400	302
1112	DEC17	ECL	769.8	4770	4261	4300	4063	470	199
1113	DEC17	ECL	1079.54	4780	4361	3970	3698	810	664
1114	DEC17	ECL	2101.08	5350	5036	4180	3826	1170	1210
1115	DEC17	ECL	356.22	5160	5133	4800	4508	360	625
1116	DEC17	ECL	1006.3	5100	4920	5200	4796	-100	124
1117	DEC17	ECL	371.7	5000	4756	5240	5001	-240	-245
1118	DEC17	ECL	1314.2	5910	5358	4870	4531	1040	827
1119	DEC17	ECL	626	6090	5655	4580	4351	1510	1304
1120	DEC17	ECL	1754.67	5980	5635	5140	4757	840	879
1121	DEC17	ECL	274.8	5900	5294	5230	5041	670	253
1122	DEC17	ECL	1033.63	4210	4095	4310	3838	-100	256
1123	DEC17	ECL	2648.52	4140	4018	4700	4324	-560	-306
1124	DEC17	ECL	848.6	2760	2673	4330	4083	-1570	-1410
1125	DEC17	ECL	1951.9	3870	3701	4370	4174	-500	-473
1126	DEC17	ECL	999.9	3210	3080	4210	4081	-1000	-1001
1127	DEC17	ECL	865.4	3370	3226	4470	4175	-1100	-949
1128	DEC17	ECL	834.5	4090	3912	4800	4604	-710	-692
1129	DEC17	ECL	753.1	4280	4103	4470	4292	-190	-190
1130	DEC17	ECL	1167.3	3920	3753	4740	4537	-820	-784
1132	DEC17	ECL	1336.06	6220	5727	4970	4697	1250	1029
1133	DEC17	ECL	777.25	5540	5445	5430	5247	110	198
1134	DEC17	ECL	719.88	5820	5543	5490	5229	330	314
1135	DEC17	ECL	623.32	5390	5150	5430	5342	-40	-192
1136	DEC17	ECL	1101.03	5580	5336	5100	4853	480	483
1137	DEC17	ECL	485.29	5680	5433	4120	3936	1560	1496
1138	DEC17	ECL	453.56	3290	3143	4530	4187	-1240	-1044
1139	DEC17	ECL	665.11	3920	3705	4810	4606	-890	-901
1140	DEC17	ECL	1334.38	4170	4014	5050	4739	-880	-725
1141	DEC17	ECL	629.59	3410	3265	4770	4578	-1360	-1313
1142	DEC17	ECL	4089.8	3450	3359	4420	4211	-970	-851
1147	DEC17	ECL	1684.24	3750	3538	4380	4181	-630	-642
1148	DEC17	ECL	1400.07	4050	3821	4140	3960	-90	-139
1149	DEC17	ECL	77284	3210	3003	4280	4098	-1070	-1095
1150	DEC17	ECL	958.4	5830	5557	5420	5292	410	265
1151	DEC17	ECL	588.9	5790	5484	5230	4997	560	487

1152	DEC17	ECL	640	5550	5395	4990	4831	560	564
1153	DEC17	ECL	813.7	5850	5681	5520	5219	330	462
1154	DEC17	ECL	974.2	5780	5492	5500	5375	280	117
1155	DEC17	ECL	849.3	3490	3222	4280	4057	-790	-836
1156	DEC17	ECL	868.4	3810	3606	3800	3688	10	-81
1157	DEC17	ECL	965.8	4020	3812	4270	4061	-250	-249
1158	DEC17	ECL	1422.3	3860	3657	3970	3824	-110	-168
1159	DEC17	ECL	1054.4	4080	3804	4460	4436	-380	-632
1160	DEC17	ECL	1104.7	4050	3795	4640	4418	-590	-623
1161	DEC17	ECL	719.3	3880	3665	4490	4335	-610	-670
1162	DEC17	ECL	1111.6	3910	3677	4620	4410	-710	-733
1163	DEC17	ECL	472.96	3600	3436	4580	4416	-980	-981
1164	DEC17	ECL	682.52	3980	3722	4480	4266	-500	-544
1165	DEC17	ECL	1923.44	3430	3277	4520	4354	-1090	-1077
1166	DEC17	ECL	509.36	3620	3408	4430	4132	-810	-724
1167	DEC17	ECL	2236.44	5540	5134	4640	4391	900	743
1169	DEC17	ECL	1865.38	4000	3686	4900	4727	-900	-1041
1170	DEC17	ECL	1950.39	4340	3962	5180	4895	-840	-933
1171	DEC17	BCCL	2708.94	4750	4535	4860	4678	-110	-143
1172	DEC17	BCCL	2708.94	5340	5179	4860	4678	480	501
1173	DEC17	BCCL	468	4430	4376	4970	4722	-540	-345
1174	DEC17	BCCL	793	4060	4031	4970	4722	-910	-690
1175	DEC17	BCCL	750	3790	3671	3800	3680	-10	-8
1176	DEC17	BCCL	823	3410	3341	3800	3680	-390	-338
1177	DEC17	BCCL	686	3840	3697	3800	3680	40	17
1178	DEC17	BCCL	1771	4100	4050	3800	3680	300	371
1179	DEC17	BCCL	754.11	4380	4331	3840	3695	540	636
1180	DEC17	BCCL	316	3600	3505	3840	3695	-240	-190
1181	DEC17	BCCL	1376	3460	3340	3750	3667	-290	-326
1182	DEC17	BCCL	1848	4450	4337	3750	3667	700	670
1183	DEC17	BCCL	988	3860	3782	3180	3127	680	656
1184	DEC17	BCCL	2693	5200	5053	5100	4939	100	114
1185	DEC17	BCCL	539	4190	4143	4770	4846	-580	-702
1186	DEC17	BCCL	730	4380	4353	4770	4846	-390	-493
1187	DEC17	BCCL	2417.48	4840	4723	3980	4083	860	640
1188	DEC17	BCCL	1332	3560	3538	3980	4083	-420	-545
1189	DEC17	BCCL	813	3900	3841	3750	3594	150	247
1190	DEC17	BCCL	577	4130	4109	3750	3594	380	516
1191	DEC17	BCCL	2232	4280	4228	3750	3594	530	635
1192	DEC17	BCCL	367	4530	4507	3750	3594	780	914
1193	DEC17	BCCL	961	3320	3131	4470	4329	-1150	-1198
1194	DEC17	BCCL	1547	4410	4253	4470	4329	-60	-76
1195	DEC17	BCCL	645	4250	4211	3690	3769	560	443
1196	DEC17	BCCL	622	3640	3611	3690	3769	-50	-158
1197	DEC17	BCCL	1342	3910	3815	3710	3702	200	113
1198	DEC17	BCCL	2412.51	5790	5508	3710	3702	2080	1806
1199	DEC17	BCCL	765	4590	4544	4220	4065	370	478

1200	DEC17	BCCL	835	3930	3914	4220	4065	-290	-151
1201	DEC17	BCCL	1221	3900	3797	4220	4065	-320	-269
1202	DEC17	BCCL	917	4190	3995	4220	4065	-30	-71
1203	DEC17	BCCL	406	5030	4898	5610	5380	-580	-482
1204	DEC17	BCCL	481	4740	4587	5610	5380	-870	-793
1205	DEC17	BCCL	1515	4520	4402	4110	4234	410	168
1206	DEC17	BCCL	1180	4320	4211	4110	4234	210	-23
1207	DEC17	BCCL	1198	3960	3856	4910	4808	-950	-952
1208	DEC17	BCCL	1567	4340	4204	4910	4808	-570	-604
1209	DEC17	BCCL	354	3970	3878	4610	4478	-640	-601
1210	DEC17	BCCL	405	4560	4472	4610	4478	-50	-6
1211	DEC17	BCCL	388	4360	4320	4290	4472	70	-152
1212	DEC17	BCCL	816.93	4380	4322	4290	4472	90	-150
1213	DEC17	BCCL	2866.83	4920	4761	3890	3991	1030	770
1214	DEC17	BCCL	2866.83	4250	4143	3890	3991	360	152
1215	DEC17	BCCL	3914.01	4320	4302	4140	4193	180	109
1216	DEC17	BCCL	3914.01	4220	4207	4550	4401	-330	-194
1217	DEC17	BCCL	3914.01	4250	4220	4440	4477	-190	-258
1218	DEC17	BCCL	3914.01	4460	4397	4290	4163	170	234
1219	DEC17	BCCL	3978.36	4190	4165	4050	4000	140	165
1220	DEC17	BCCL	3978.36	4380	4345	3370	3202	1010	1143
1221	DEC17	BCCL	3978.36	4330	4313	3860	3734	470	578
1222	DEC17	BCCL	3978.36	4350	4271	3930	3848	420	423
1223	DEC17	BCCL	332	3350	3299	4450	4323	-1100	-1024
1224	DEC17	BCCL	405	3640	3556	4450	4323	-810	-768
1225	DEC17	BCCL	1123	4280	4129	5130	4978	-850	-849
1226	DEC17	BCCL	2006	4510	4351	5130	4978	-620	-627
1227	DEC17	BCCL	714	4530	4489	3830	3740	700	749
1228	DEC17	BCCL	1053	3750	3739	3830	3740	-80	-2
1229	DEC17	BCCL	1438	4370	4348	3830	3740	540	608
1230	DEC17	BCCL	747	4050	4025	3830	3740	220	285
1231	DEC17	BCCL	757	4430	4345	4080	4142	350	203
1232	DEC17	BCCL	1029	3350	3242	4040	4070	-690	-829
1233	DEC17	BCCL	2268	4340	4244	4040	4070	300	173
1234	DEC17	BCCL	295	4410	4357	4370	4302	40	54
1235	DEC17	BCCL	359	4640	4481	4370	4302	270	178
1236	DEC17	BCCL	2842.42	4910	4801	5000	4948	-90	-147
1237	DEC17	BCCL	2842.42	5250	5112	5000	4948	250	164
1238	DEC17	BCCL	275	4280	4241	4400	4256	-120	-14
1239	DEC17	BCCL	343	4210	4185	4400	4256	-190	-71
1240	DEC17	BCCL	344	4120	4095	4400	4256	-280	-161
1241	DEC17	BCCL	2669	3860	3837	4400	4256	-540	-419
1242	DEC17	BCCL	1012	3770	3664	5040	4814	-1270	-1150
1243	DEC17	BCCL	2588	4730	4602	4860	4599	-130	2
1244	DEC17	BCCL	785	4050	3976	4090	3970	-40	6
1245	DEC17	BCCL	774	4000	3944	4090	3970	-90	-26
1246	DEC17	BCCL	1346	4150	4125	4090	3970	60	155

1247	DEC17	BCCL	980	3910	3831	3990	3856	-80	-25
1248	DEC17	BCCL	700	3800	3719	3990	3856	-190	-136
1249	DEC17	BCCL	700	3420	3351	3990	3856	-570	-505
1250	DEC17	BCCL	1680	4190	4160	3990	3856	200	305
1251	DEC17	BCCL	1029	3140	3076	3340	3190	-200	-114
1252	DEC17	BCCL	2588	4580	4432	4920	4745	-340	-313
1253	JAN18	CCL	3569.91	4224	4048	4220	3659	4	389
1254	JAN18	CCL	3569.91	4628	4390	4450	4087	178	304
1255	JAN18	CCL	3555.71	4372	4151	2930	2834	1442	1317
1256	JAN18	CCL	3555.71	4680	4436	4480	4179	200	257
1257	JAN18	CCL	3559.71	4505	4277	3350	3066	1155	1211
1258	JAN18	CCL	3696.61	4447	4183	4120	3791	327	392
1259	JAN18	CCL	3670.31	4313	4058	4530	4175	-217	-117
1260	JAN18	CCL	3427.76	4591	4437	4210	3783	381	655
1261	JAN18	CCL	3571.41	4696	4565	3980	3617	716	948
1262	JAN18	CCL	3271.89	4799	4593	4670	4409	129	185
1263	JAN18	CCL	3745.71	3839	3600	3540	3276	299	323
1264	JAN18	CCL	3603.01	4759	4541	3900	3563	859	978
1265	JAN18	CCL	3838.61	4016	3818	3490	3304	526	514
1266	JAN18	CCL	4150.5	4313	4005	4170	3909	143	95
1267	JAN18	CCL	3895.99	5259	5038	4180	3937	1079	1101
1268	JAN18	CCL	3989.41	4529	4172	3850	3636	679	536
1269	JAN18	CCL	3759.11	4145	3895	3590	3352	555	543
1270	JAN18	CCL	3610.01	4253	4141	4180	3843	73	298
1271	JAN18	CCL	3570.92	4078	3886	3840	3611	238	275
1272	JAN18	CCL	3537.24	4040	3811	3320	3141	720	670
1273	JAN18	CCL	3768.12	4015	3723	3800	3530	215	193
1274	JAN18	CCL	3679.83	4260	3985	3850	3582	410	403
1275	JAN18	CCL	3875.65	5540	5253	4510	4248	1030	1005
1276	JAN18	CCL	3512.51	4464	4225	3950	3703	514	522
1277	JAN18	CCL	3376.58	4507	4284	3960	3721	547	563
1278	JAN18	CCL	3610.91	4283	4045	4220	4034	63	11
1279	JAN18	CCL	3634.21	4397	4233	4050	3910	347	323
1280	JAN18	CCL	3448.73	4308	4120	3970	3719	338	401
1281	JAN18	CCL	3511.43	4207	3960	4390	4158	-183	-198
1282	JAN18	CCL	3596.51	4134	3911	3760	3571	374	340
1283	JAN18	CCL	3564.02	4130	3939	4510	4265	-380	-326
1284	JAN18	CCL	3517.31	4460	4194	4650	4368	-190	-174
1285	JAN18	CCL	3465.75	4090	3965	3750	3561	340	403
1286	JAN18	CCL	3465.75	4529	4268	3750	3561	779	707
1287	JAN18	CCL	3676.94	4632	4433	4210	3935	422	498
1288	JAN18	CCL	3765.82	4276	4051	4170	3879	106	172
1289	JAN18	CCL	3784.12	4024	3862	3920	3656	104	206
1290	JAN18	CCL	3795.93	3820	3617	3860	3514	-40	102
1291	JAN18	CCL	3795.93	4208	4075	3570	3324	638	751
1292	JAN18	CCL	3316	5142	4927	4430	4118	712	809
1293	JAN18	CCL	3827.91	4039	3830	3790	3455	249	375

1294	JAN18	CCL	3692.21	4135	3891	4120	3610	15	281
1295	JAN18	CCL	3696.72	3809	3650	3910	3590	-101	59
1296	JAN18	CCL	3696.72	3940	3738	3920	3620	20	117
1297	JAN18	CCL	3580.72	4963	4729	3800	3497	1163	1232
1298	JAN18	CCL	3662.91	4271	3990	4040	3690	231	300
1299	JAN18	CCL	4039.75	4351	4143	3610	3326	741	817
1300	JAN18	CCL	3989.7	3688	3472	4570	4143	-882	-671
1301	JAN18	CCL	3731.6	3773	3588	4540	4126	-767	-538
1302	JAN18	CCL	3837.6	4136	3916	4810	4375	-674	-460
1303	JAN18	CCL	3429.14	4498	4244	4540	4180	-42	64
1304	JAN18	CCL	3429.14	3950	3751	4730	4345	-780	-593
1305	JAN18	CCL	3365.93	4493	4222	4380	4050	113	172
1306	JAN18	CCL	3544.71	4755	4498	4440	4097	315	401
1307	JAN18	CCL	3680.72	4195	3952	4610	4232	-415	-280
1308	JAN18	CCL	3585.61	4557	4292	4610	4204	-53	88
1309	JAN18	CCL	3384.07	3466	3223	4430	4123	-964	-900
1310	JAN18	CCL	3534.63	4301	3978	4250	3938	51	40
1311	JAN18	CCL	3799.41	3056	2833	3960	3587	-904	-754
1312	JAN18	CCL	3799.41	3396	3093	3960	3587	-564	-494
1313	JAN18	CCL	3473.12	4395	4217	3920	3601	475	615
1314	JAN18	CCL	3553.61	4489	4275	4230	3867	259	408
1315	JAN18	CCL	3658.95	5399	5087	5110	4758	289	329
1316	JAN18	CCL	3390.12	4494	4223	4410	4093	84	130
1317	JAN18	CCL	3719.21	4078	3888	4300	3909	-222	-21
1318	JAN18	CCL	3856.8	4499	4390	4140	3690	359	701
1319	JAN18	CCL	3378.31	4508	4236	4460	4032	48	203
1320	JAN18	CCL	3378.31	3646	3493	4440	4100	-794	-607
1321	JAN18	CCL	3695.31	4064	3918	3740	3351	324	567
1322	JAN18	CCL	3631.33	4341	4071	4510	4139	-169	-68
1323	JAN18	CCL	2774	3473	3321	4540	4164	-1067	-844
1324	JAN18	CCL	3685.51	4471	4247	3810	3386	661	861
1325	JAN18	CCL	3685.51	4384	4136	3960	3568	424	568
1326	FEB18	CCL	3536.82	4362	3997	4250	3698	112	299
1327	FEB18	CCL	3813.5	4363	4122	4710	4331	-347	-209
1328	FEB18	CCL	3293.8	4395	4145	4720	4293	-325	-148
1329	FEB18	CCL	3906.4	4535	4138	3860	3571	675	567
1330	FEB18	CCL	3906.4	4128	3798	3860	3571	268	227
1331	FEB18	CCL	3833.9	5155	5087	4610	4433	545	654
1332	FEB18	CCL	3833.9	5120	4943	4960	4749	160	194
1333	FEB18	CCL	3833.9	4723	4656	4420	4241	303	415
1334	FEB18	CCL	3499.01	4613	4322	4420	4061	193	260
1335	FEB18	CCL	3828.6	4838	4588	4500	4172	338	416
1336	FEB18	CCL	3422.02	4618	4353	4290	3908	328	445
1337	FEB18	CCL	3645.51	4467	4219	4230	3752	237	467
1338	FEB18	CCL	3645.51	4292	3967	4240	3936	52	31
1339	FEB18	CCL	3923	4304	4105	5040	4585	-736	-481
1340	FEB18	CCL	3404.14	4381	4060	4660	4211	-279	-151

1341	FEB18	CCL	3513.51	4690	4422	4800	4324	-110	98
1342	FEB18	CCL	3532.21	4450	4224	4850	4383	-400	-159
1343	FEB18	CCL	3475.72	4966	4731	4470	4019	496	712
1344	FEB18	CCL	3521.91	4720	4438	4540	4197	180	241
1345	FEB18	CCL	3882.2	4923	4548	4740	4441	183	106
1346	FEB18	CCL	3546.71	4692	4332	4400	4023	292	309
1347	FEB18	CCL	3556.32	4217	3919	4110	3835	107	84
1348	FEB18	CCL	3542.72	4475	4300	4570	4152	-95	148
1349	FEB18	CCL	3548.91	4440	4253	4110	3715	330	538
1350	FEB18	CCL	3504.01	4482	4148	4540	4138	-58	10
1351	FEB18	CCL	3736.81	4502	4320	4320	4102	182	218
1352	FEB18	CCL	3835	4584	4299	4130	3686	454	613
1353	FEB18	CCL	4133.4	4340	4129	4160	3776	180	354
1354	FEB18	CCL	4133.4	4106	3915	4280	3987	-174	-72
1355	FEB18	CCL	3486.92	4402	4210	4400	3939	2	271
1356	FEB18	CCL	3427.94	4320	4081	4020	3629	300	452
1357	FEB18	CCL	3729.31	4345	4103	3980	3538	365	566
1358	FEB18	CCL	3729.31	3952	3695	4140	3802	-188	-107
1359	FEB18	CCL	3675.41	4826	4599	3740	3394	1086	1205
1360	FEB18	CCL	3691.71	3919	3657	3970	3605	-51	51
1361	FEB18	CCL	3873.75	5312	5090	4860	4519	452	571
1362	FEB18	CCL	3681.91	3937	3791	4480	4153	-543	-362
1363	FEB18	CCL	3681.91	4334	4084	4480	4153	-146	-69
1364	FEB18	CCL	3857.88	4693	4415	4730	4208	-37	207
1365	FEB18	CCL	3439.27	3929	3674	4210	3745	-281	-72
1366	FEB18	CCL	3717.51	3922	3708	4070	3723	-148	-14
1367	FEB18	CCL	3566	4891	4654	4950	4619	-59	35
1368	FEB18	CCL	3711.97	5266	4929	4730	4312	536	617
1369	FEB18	CCL	3758.91	4151	4408	3910	3577	241	831
1370	FEB18	CCL	3758.91	4187	4000	4030	3647	157	353
1371	FEB18	CCL	3655.61	4078	3795	3540	3197	538	598
1372	FEB18	CCL	3655.61	4298	4051	3770	3515	528	536
1373	FEB18	CCL	3978.7	4005	3783	3980	3613	25	170
1374	FEB18	CCL	3657.01	4242	4076	4260	3950	-18	126
1375	FEB18	CCL	3718.01	3792	3570	4240	3985	-448	-416
1376	FEB18	CCL	4007.3	4553	4392	5870	5454	-1317	-1062
1377	FEB18	CCL	3712.01	4357	4048	4310	4025	47	23
1378	FEB18	CCL	3879.5	5326	5055	5210	4911	116	144
1379	FEB18	CCL	3491.74	4393	4075	4160	3791	233	284
1380	FEB18	CCL	3546.5	4592	4412	3010	2604	1582	1808
1381	FEB18	CCL	3546.5	4519	4234	3310	2912	1209	1322
1382	FEB18	CCL	3588.91	4590	4266	4170	3876	420	390
1383	FEB18	CCL	3401.83	4379	4055	4330	3978	49	77
1384	FEB18	CCL	3682.11	3866	3601	3730	3489	136	112
1385	FEB18	CCL	3690.61	4103	3901	3720	3432	383	469
1386	FEB18	CCL	3818.41	3309	3063	3770	3362	-461	-299
1387	FEB18	CCL	3630.01	4640	4252	4550	4080	90	172

1388	FEB18	CCL	3836.81	4051	3821	3580	3027	471	795
1389	FEB18	CCL	3836.81	4211	4008	3600	3150	611	858
1390	FEB18	CCL	3880.51	4303	3925	3880	3537	423	388
1391	FEB18	CCL	3880.51	3940	3746	3740	3297	200	448
1392	FEB18	CCL	3524.25	4798	4399	4530	4146	268	253
1393	FEB18	CCL	3695.42	4574	4363	3990	3638	584	725
1394	FEB18	CCL	3518.91	4373	3943	4500	4135	-127	-192
1395	FEB18	CCL	3901.71	3804	3559	4390	3867	-586	-309
1396	FEB18	CCL	3901.71	3920	3606	4440	3887	-520	-282
1397	FEB18	CCL	3731.01	4056	3749	4330	3920	-274	-171
1398	FEB18	CCL	3961.33	5502	5245	4720	4346	782	899
1399	FEB18	CCL	3911.1	4681	4351	4000	3730	681	620
1400	FEB18	CCL	3863.6	4243	3937	4800	4425	-557	-488
1401	FEB18	CCL	3720.51	4453	4204	4370	3879	83	325
1402	FEB18	CCL	3537.91	4447	4182	4470	4054	-23	128
1403	FEB18	CCL	3594.92	4374	4032	4330	3883	44	149
1404	FEB18	CCL	3775.7	4522	4265	4520	4224	2	41
1405	FEB18	CCL	3775.7	4436	4184	4690	4446	-254	-262
1406	FEB18	CCL	3547.91	4428	4172	4340	4062	88	110
1407	FEB18	CCL	3547.91	4376	4140	4440	4120	-64	20
1408	FEB18	CCL	3567.31	4133	3961	4390	3892	-257	69
1409	FEB18	CCL	3657.31	4493	4227	3290	2965	1203	1262
1410	FEB18	CCL	3582.11	4026	3776	3620	3216	406	560
1411	FEB18	CCL	3582.11	4572	4295	4090	3607	482	688
1412	FEB18	CCL	3739.62	3306	3143	4020	3766	-714	-623
1413	FEB18	CCL	3739.62	4547	4450	3320	3069	1227	1381
1414	FEB18	CCL	4079.21	4064	3893	4370	4120	-306	-226
1415	FEB18	CCL	3469.2	5035	4770	4950	4589	85	181
1416	FEB18	CCL	3903.6	4087	3844	4350	4139	-263	-296
1417	FEB18	CCL	4027.9	3997	3762	4150	3687	-153	75
1418	MAR18	CCL	4124.2	4431	4199	4030	3566	401	633
1419	MAR18	CCL	3592.54	3930	3752	4380	4164	-450	-412
1420	MAR18	CCL	3654.21	4281	4053	4170	3974	111	79
1421	MAR18	CCL	3643.11	4608	4450	4070	3852	538	598
1422	MAR18	CCL	3683.41	4316	4093	4160	3902	156	190
1423	MAR18	CCL	3642.12	4095	3805	3640	3428	455	377
1424	MAR18	CCL	3914.6	3898	3750	4160	3911	-262	-161
1425	MAR18	CCL	3597.11	4164	3969	3950	3692	214	276
1426	MAR18	CCL	3471.6	4904	4754	5040	4676	-136	78
1427	MAR18	CCL	4004.78	4520	4424	5280	4985	-760	-561
1428	MAR18	CCL	3596.61	4406	4200	4670	4309	-264	-109
1429	MAR18	CCL	3558.41	4297	4049	3960	3649	337	400
1430	MAR18	CCL	3670.31	4654	4471	5500	5071	-846	-600
1431	MAR18	CCL	3657.22	4304	4095	4530	4215	-226	-120
1432	MAR18	CCL	3554.51	4639	4508	4230	3892	409	616
1433	MAR18	CCL	4045.6	4084	3830	4070	3931	14	-102
1434	MAR18	CCL	4045.6	3604	3496	3820	3617	-216	-120

1435	MAR18	CCL	3852.48	3599	3418	3920	3628	-321	-210
1436	MAR18	CCL	3934.1	3734	3602	4250	3945	-516	-343
1437	MAR18	CCL	3780.71	4069	3981	4450	4159	-381	-178
1438	MAR18	CCL	3780.71	4835	4661	4340	4055	495	606
1439	MAR18	CCL	3750.02	4277	4116	3230	2943	1047	1173
1440	MAR18	CCL	3750.02	4326	4072	3390	3098	936	974
1441	MAR18	CCL	3851.2	4123	3901	4360	4130	-237	-228
1442	MAR18	CCL	3851.2	4803	4483	4350	3996	453	487
1443	MAR18	CCL	3564.63	4362	4192	4260	4136	102	56
1444	MAR18	CCL	3627.72	4102	3814	3970	3766	132	48
1445	MAR18	CCL	3717.31	3981	3767	4160	3940	-179	-174
1446	MAR18	CCL	3608.93	4174	3955	4630	4422	-456	-466
1447	MAR18	CCL	3608.93	4251	4049	4330	4086	-79	-37
1448	MAR18	CCL	3427.88	4307	4008	4070	3877	237	131
1449	MAR18	CCL	3427.88	4395	4197	4100	3874	295	323
1450	MAR18	CCL	3469.7	4148	3964	4170	3944	-22	20
1451	MAR18	CCL	3486.82	4451	4335	4550	4323	-99	12
1452	MAR18	CCL	4005.14	4095	3853	3710	3566	385	287
1453	MAR18	CCL	4009.7	4477	4172	4240	4034	237	138
1454	MAR18	CCL	3551.65	4275	4018	3470	3255	805	763
1455	MAR18	CCL	4145	4512	4316	5210	4902	-698	-586
1456	MAR18	CCL	3999.43	3881	3697	3620	3508	261	190
1457	MAR18	CCL	3999.43	4036	3770	3870	3688	166	82
1458	MAR18	CCL	3748.01	4300	4160	4030	3654	270	506
1459	MAR18	CCL	3779.31	4112	4001	3520	3333	592	669
1460	MAR18	CCL	3780.41	3922	3676	3900	3774	22	-99
1461	MAR18	CCL	3862.39	3642	3488	3730	3623	-88	-134
1462	MAR18	CCL	3862.39	3689	3565	3870	3688	-181	-123
1463	MAR18	CCL	4187.4	4487	4244	4130	3977	357	267
1464	MAR18	CCL	3879.4	4976	4820	5330	5000	-354	-180
1465	MAR18	CCL	4112.9	4360	4188	4000	3894	360	294
1466	MAR18	CCL	4112.9	4444	4358	3830	3660	614	698
1467	MAR18	CCL	3490.63	4353	4229	4260	3911	93	319
1468	MAR18	CCL	3490.63	4830	4649	4700	4417	130	232
1469	MAR18	CCL	3490.63	4326	4168	4290	4115	36	53
1470	MAR18	CCL	3567.81	3870	3674	4240	4204	-370	-530
1471	MAR18	CCL	3798.76	4051	3941	3720	3508	331	433
1472	MAR18	CCL	3662.21	4085	3832	4090	3803	-5	28
1473	MAR18	CCL	3662.21	5071	5038	4310	4116	761	921
1474	MAR18	CCL	3585.41	3881	3754	4300	4176	-419	-422
1475	MAR18	CCL	3585.41	3604	3542	4180	4064	-576	-522
1476	MAR18	CCL	3673.51	5056	5045	4320	4190	736	855
1477	MAR18	CCL	3707.72	4456	4272	4490	4133	-34	138
1478	MAR18	CCL	3707.72	4556	4466	4430	4137	126	329
1479	MAR18	CCL	3532.82	4089	3914	4400	4147	-311	-232
1480	MAR18	CCL	3743.41	4396	4242	4290	3901	106	341
1481	MAR18	CCL	3874	4733	4640	4430	4159	303	481

1482	MAR18	CCL	3547.41	4293	4066	3840	3541	453	525
1483	MAR18	CCL	3893.21	3452	3356	4250	4002	-798	-645
1484	MAR18	CCL	3450.29	4325	4190	4250	4019	75	171
1485	MAR18	CCL	3621.03	4109	3910	4180	4118	-71	-208
1486	MAR18	CCL	3761.3	5660	5389	4610	4577	1050	812
1487	APR18	CCL	3711.11	4200	3947	4160	4079	40	-133
1488	APR18	CCL		4124	3960	4090	3845	34	114
1489	APR18	CCL	3655.41	4346	4220	4370	4060	-24	160
1490	APR18	CCL	4045.4	4546	4265	4010	3743	536	522
1491	APR18	CCL	3770	4620	4419	4530	4317	90	103
1492	APR18	CCL	3857.6	4592	4383	4680	4327	-88	56
1493	APR18	CCL	3861.3	4556	4315	4450	4088	106	227
1494	APR18	CCL	3690.02	5334	5150	4840	4575	494	575
1495	APR18	CCL	3667.91	4366	4295	4090	3757	276	538
1496	APR18	CCL		4176	4010	4450	4042	-274	-32
1497	APR18	CCL	3695.01	4110	3922	4240	3898	-130	24
1498	APR18	CCL	3640.81	5345	5227	4340	4274	1005	953
1499	APR18	CCL		4041	3919	4170	3980	-129	-60
1500	APR18	CCL	3380.06	4486	4301	4440	4203	46	98
1501	APR18	CCL	3873.13	5408	5161	4600	4404	808	757
1502	APR18	CCL	4088.4	4130	3909	3760	3290	370	619
1503	APR18	CCL	4031.72	4754	4670	3540	3205	1214	1465
1504	APR18	CCL	3414.32	3991	3799	4090	3708	-99	91
1505	APR18	CCL	776.3	3525	3213	3450	3021	75	192
1506	APR18	CCL	3299.9	3136	2844	3440	3059	-304	-215
1507	APR18	CCL	3626.92	4475	4436	3920	3703	555	733
1508	APR18	CCL	3740.77	4641	4388	4760	4557	-119	-169
1509	APR18	CCL	3556.61	4065	3777	4570	3911	-505	-134
1510	APR18	CCL	4081	4708	4437	3850	3550	858	887
1511	APR18	CCL	3574.62	3993	3639	4250	3917	-257	-278
1512	APR18	CCL	3682.11	4377	4212	4120	3815	257	397
1513	APR18	CCL	3590.81	3963	3837	4450	4114	-487	-277
1514	APR18	CCL	4173.4	4167	3989	4350	3794	-183	195
1515	APR18	CCL	3566.53	4224	4087	4280	4032	-56	55
1516	APR18	CCL	4502.4	3958	3750	5700	5445	-1742	-1695
1517	APR18	CCL	3420.94	4563	4411	4480	4183	83	228
1520	APR18	CCL	3501.4	3629	3297	3720	3282	-91	15
1522	APR18	CCL	3619.71	4984	4824	4430	3985	554	839
1523	APR18	CCL	3613.82	4004	3755	4260	5358	-256	-1602
1525	APR18	CCL	3728.21	4363	4112	4360	3973	3	140
1526	APR18	CCL	3832.58	5732	5493	5080	4910	652	583
1527	APR18	CCL	3633.26	4070	3881	4310	4089	-240	-208
1528	APR18	CCL	3638.81	4484	4416	4540	4226	-56	190
1530	APR18	CCL	3806.71	4547	4461	4300	4023	247	438
1531	APR18	CCL	3672.32	4032	3837	4100	3746	-68	92
1532	APR18	CCL	3538.12	4616	4516	4880	4352	-264	163
1533	APR18	CCL	3607.92	4535	4462	4560	3991	-25	471

1534	APR18	CCL	3659.11	3967	3927	4370	4026	-403	-98
1536	APR18	CCL	3043.19	4532	4431	5180	4931	-648	-499
1541	APR18	CCL	3616.63	4545	4504	4920	4520	-375	-15
1542	APR18	CCL	4158	4346	4284	3930	3677	416	607
1543	APR18	CCL	3258.47	4401	4225	4530	3960	-129	265
1544	APR18	CCL	3605.24	4194	4041	4430	4137	-236	-96
1545	APR18	CCL	3835.98	4591	4506	3880	3643	711	863
1546	APR18	CCL	3675.87	5839	5679	4960	4945	879	735
1547	APR18	CCL	3747.02	4705	4617	4270	4025	435	591
1548	APR18	CCL	3618.22	4011	3795	4240	3773	-229	21
1549	APR18	CCL	3553.4	5216	5227	4300	4033	916	1194
1551	APR18	CCL	3521.48	4143	4053	4070	3814	73	239
1553	APR18	CCL	3967.14	4168	4114	4090	3914	78	199
1554	APR18	CCL	4148.9	4561	4409	3800	3543	761	867
1556	APR18	CCL	4016.12	5602	5471	4450	4414	1152	1057
1557	APR18	CCL	3664.13	4009	3815	4080	3758	-71	57
1558	APR18	CCL	3801.76	4281	4113	4170	4001	111	112
1560	APR18	CCL	3842.42	4195	4186	3970	3400	225	786
1561	APR18	CCL	3860.6	4714	4556	4910	4621	-196	-65
1564	APR18	CCL	3877.9	5354	5234	4070	3834	1284	1399
1565	APR18	CCL	3695.91	4346	4299	3300	2908	1046	1391
1566	APR18	CCL	3602.71	4630	4469	4490	4220	140	249
1567	APR18	CCL	3864.01	4424	4294	4040	4006	384	288
1568	APR18	CCL	3456.52	3951	3696	4050	3585	-99	111
1569	APR18	CCL	3362.56	4635	4503	3850	3753	785	750
1570	APR18	CCL	3548.43	3982	3935	3050	2792	932	1142
1572	APR18	CCL	3492.63	4582	4491	3710	3430	872	1061
1573	APR18	CCL	3955.54	5747	5556	3450	3265	2297	2291
1574	APR18	CCL	3462.72	4371	4371	2930	2658	1441	1713
1577	APR18	CCL	3949.4	3149	2856	2700	2436	449	421
1578	APR18	CCL	3623.61	3518	3342	2940	2594	578	748
1579	APR18	CCL	3465.51	4454	4327	3480	3249	974	1078
1580	APR18	CCL	3688.81	3910	3779	2990	2767	920	1011
1581	APR18	ECL	1750.78	5090	4656	4930	4227	160	428
1582	APR18	ECL	1777.29	5450	5027	5790	4923	-340	104
1583	APR18	ECL	850.26	5890	5755	4920	4527	970	1228
1584	APR18	ECL	991.03	6020	5856	5330	5059	690	796
1585	APR18	ECL	1646.54	5960	5790	4550	4204	1410	1587
1586	APR18	ECL	327.68	5910	5787	4700	4169	1210	1619
1587	APR18	ECL	716.32	6030	5612	3780	3539	2250	2074
1588	APR18	ECL	3120.65	4390	4155	3750	3359	640	796
1589	APR18	ECL	1020.8	5780	5172	3660	3362	2120	1809
1590	APR18	ECL	2585.2	5890	5309	3340	3026	2550	2283
1591	APR18	BCCL	3240.5	4970	4885	5720	5593	-750	-708
1592	APR18	BCCL	660.4	3900	3900	5790	5591	-1890	-1691
1593	APR18	BCCL	3320.97	5010	4970	6140	6121	-1130	-1152
1594	APR18	BCCL	654.9	4560	4542	5490	5479	-930	-937

1595	APR18	BCCL	446.39	5730	5586	5250	5107	480	479
1596	APR18	BCCL	3160.96	5960	5827	6110	6017	-150	-190
1597	APR18	BCCL	3437.89	4240	4026	4390	4318	-150	-293
1598	APR18	BCCL	599.14	4270	4257	4750	4736	-480	-478
1599	APR18	BCCL	2874.28	5180	5138	5630	5504	-450	-366
1600	APR18	BCCL	3360	4480	4367	6110	6060	-1630	-1693
1601	APR18	BCCL	700	4910	4900	4880	4860	30	40
1602	APR18	BCCL	3290	4970	4845	6220	6051	-1250	-1206
1603	APR18	BCCL	770	3930	3930	4920	4895	-990	-965
1604	APR18	BCCL	3613.4	4160	4026	5840	5669	-1680	-1643
1605	APR18	BCCL	412.6	5570	5553	5490	5352	80	201
1606	APR18	BCCL	3346.2	4340	4230	5410	5284	-1070	-1054
1607	APR18	BCCL	590	5250	5218	5140	4942	110	276
1608	APR18	BCCL	2966.68	5490	5440	5920	5734	-430	-294
1609	APR18	BCCL	2254.79	4370	4326	5140	5041	-770	-715
1610	APR18	BCCL	587.55	4450	4446	5290	5140	-840	-695
1611	APR18	BCCL	3291.6	5290	5231	4860	4742	430	489
1612	APR18	BCCL	651.8	4900	4875	4710	4582	190	293
1613	APR18	BCCL	3586.22	4590	4474	4430	4247	160	228
1614	APR18	BCCL	3806	5290	5119	5920	5759	-630	-640
1615	APR18	BCCL	3768.6	5170	5160	4470	4298	700	861
1616	APR18	BCCL	4116	3710	3665	4360	4197	-650	-532
1617	APR18	BCCL	3630.73	4690	4610	4770	4717	-80	-108
1618	APR18	BCCL	3098.21	5380	5314	5120	4960	260	354
1619	APR18	BCCL	596.69	5180	5185	4830	4665	350	521
1620	APR18	BCCL	3319	5010	4934	5200	4917	-190	17
1621	APR18	BCCL	647.3	5680	5686	5260	5011	420	674
1622	APR18	BCCL	4027	5390	5308	4980	4825	410	484
1623	APR18	BCCL	269.9	5470	5470	5250	5048	220	422
1624	APR18	BCCL	3672.6	4640	4570	4880	4717	-240	-147
1625	APR18	BCCL	3177.4	5590	5590	5260	5175	330	415
1626	APR18	BCCL	645	4850	4786	4270	4101	580	685
1627	APR18	BCCL	3738.96	4130	4038	4770	4659	-640	-620
1628	APR18	BCCL	3049.48	5450	5433	4830	4703	620	731
1629	APR18	BCCL	603.7	5620	5609	4820	4771	800	837
1630	APR18	BCCL	3137.9	4430	4323	5030	4964	-600	-641
1631	APR18	BCCL	3391.58	5660	5643	5440	5270	220	373
1632	APR18	BCCL	313.3	4380	4336	4380	4220	0	116
1633	APR18	BCCL	3257.8	5220	5173	5070	4891	150	282
1634	APR18	BCCL	318.47	5370	5354	4390	4199	980	1155
1635	APR18	BCCL	3539.39	4700	4558	4610	4517	90	41
1636	APR18	BCCL	3513.97	4880	4855	4790	4645	90	210
1637	APR18	BCCL	345.7	5440	5424	3770	3625	1670	1798
1638	APR18	BCCL	3473.5	5350	5323	5650	5502	-300	-179
1639	APR18	BCCL	125.9	5420	5409	4050	3940	1370	1469
1640	APR18	BCCL	3523.92	4220	4139	4710	4643	-490	-504
1641	APR18	BCCL	3856.28	5640	5515	3720	3641	1920	1874

1642	APR18	BCCL	2999.89	5140	5104	4730	4668	410	436
1643	APR18	BCCL	611.13	5360	5344	4650	4476	710	867
1644	APR18	BCCL	3104.5	4920	4905	5470	5255	-550	-350
1645	APR18	BCCL	508.7	4210	4193	4620	4564	-410	-371
1646	APR18	BCCL	3931.2	3590	3471	4310	4006	-720	-535
1647	APR18	BCCL	3049.2	4800	4776	4710	4629	90	147
1648	APR18	BCCL	3676.68	3680	3621	3790	3679	-110	-59
1649	APR18	BCCL	3795.66	4540	4499	3180	3109	1360	1390
1650	APR18	BCCL	3758	3780	3615	3020	2928	760	687
1651	APR18	BCCL	3726.62	3580	3569	3520	3410	60	159
1652	APR18	BCCL	3718.69	5040	4923	3380	3245	1660	1678
1653	APR18	BCCL	3033.4	5220	5167	4860	4742	360	425
1654	APR18	BCCL	617.8	4470	4465	4590	4497	-120	-31
1655	MAY18	CCL	3503.71	4363	4315	4200	3784	163	531
1656	MAY18	CCL	3760.11	3518	3316	3500	3335	18	-19
1657	MAY18	CCL	3983.28	5615	5331	4490	4266	1125	1065
1658	MAY18	CCL	3506.34	4774	4753	3890	3679	884	1074
1659	MAY18	CCL	3676.23	4415	4158	4190	3651	225	507
1660	MAY18	CCL	3161.5	4741	4572	3460	3241	1281	1331
1661	MAY18	CCL	3457.22	4486	4378	3880	3587	606	791
1662	MAY18	CCL	3541.41	5118	5124	3790	3314	1328	1809
1663	MAY18	CCL	3567.92	3421	3315	3780	3328	-359	-14
1664	MAY18	CCL	3596.08	5317	5079	4890	4641	427	438
1665	MAY18	CCL	4197.72	3149	3149	2720	2433	429	716
1666	MAY18	CCL	3402.32	4433	4239	3730	3392	703	846
1668	MAY18	CCL	3514.64	4276	4069	3090	2807	1186	1262
1669	MAY18	CCL	3495.31	4207	4017	3630	3336	577	681
1670	MAY18	CCL	3503.81	4685	4463	3660	3181	1025	1283
1671	MAY18	CCL	4012.84	5645	5388	4250	4050	1395	1338
1672	MAY18	CCL	3400.26	3694	3486	3800	3535	-106	-49
1674	MAY18	CCL	3595.03	4069	3835	3730	3280	339	555
1675	MAY18	CCL	3671.61	4470	4201	4100	3732	370	469
1676	MAY18	CCL	2630.54	4703	4543	4050	3616	653	927
1677	MAY18	CCL	3369.04	5129	5051	3980	3862	1149	1189
1680	MAY18	CCL	3236.54	4666	4548	4080	3712	586	836
1681	MAY18	CCL	3129.57	4184	4184	3930	3495	254	689
1682	MAY18	CCL	3353.82	4616	4467	3870	3546	746	920
1683	MAY18	CCL	3282.54	4907	4793	3170	3054	1737	1739
1686	MAY18	CCL	3421.72	4599	4624	3470	3020	1129	1605
1687	MAY18	CCL	3471.04	4724	4432	3570	3147	1154	1285
1688	MAY18	CCL	3624.62	4403	4093	3460	3125	943	969
1689	MAY18	CCL	3825.81	5493	5291	4940	4754	553	538
1690	MAY18	CCL	3842.6	4552	4356	4790	4539	-238	-183
1691	MAY18	CCL	3553.81	4576	4492	2840	2634	1736	1858
1694	MAY18	CCL	3308.55	4201	4044	3710	3353	491	690
1695	MAY18	CCL	3962.9	4939	4873	4060	3802	879	1071
1696	MAY18	CCL	3418.54	4921	4801	4660	4220	261	581

1697	MAY18	CCL	3332.14	4518	4513	4110	3814	408	699
1698	MAY18	CCL	3992.77	5510	5285	4490	4288	1020	997
1699	MAY18	CCL	3365.15	3834	3664	3910	3421	-76	243
1700	MAY18	CCL	3779.7	3219	2905	3600	3461	-381	-556
1701	MAY18	CCL	3076.19	4670	4552	4240	3873	430	679
1702	MAY18	CCL	3711.32	4543	4468	3000	2583	1543	1885
1703	MAY18	CCL	2783.98	4541	4366	4560	4309	-19	57
1704	MAY18	CCL	3468.32	4369	4144	3760	3538	609	606
1705	MAY18	CCL	3661.84	3998	3876	3510	3240	488	636
1706	MAY18	CCL	3645.91	4505	4422	4020	3786	485	636
1707	MAY18	CCL	3612.03	4436	4388	3650	3278	786	1110
1708	MAY18	CCL	3458.43	3219	2905	3450	3162	-231	-257
1709	MAY18	CCL	3614.41	3942	3741	4270	4016	-328	-275
1710	MAY18	CCL	3489.34	4477	4472	3600	3073	877	1399
1711	MAY18	CCL	3168.89	4259	4138	3630	3333	629	804
1712	MAY18	CCL	3532.91	4087	3910	3890	3394	197	516
1713	MAY18	CCL	3273.38	3619	3517	3760	3528	-141	-11
1714	MAY18	CCL	3473.14	4158	3938	3420	2969	738	970
1715	MAY18	CCL	3617.83	4717	4608	3240	2958	1477	1650
1716	MAY18	CCL	3723.11	4932	4937	3660	3406	1272	1532
1717	MAY18	CCL	3783.21	4360	4237	4010	3647	350	590
1718	MAY18	CCL	3603.71	4374	4185	4070	3595	304	590
1719	MAY18	CCL	3801.61	4256	4032	3590	3357	666	674
1720	MAY18	CCL	3628.21	4867	4651	3450	3216	1417	1435
1721	MAY18	CCL	3720.31	5090	5034	4130	3708	960	1327
1722	MAY18	CCL	3510.55	3949	3728	3590	3332	359	396
1723	MAY18	CCL	3909.84	5224	4995	4260	3952	964	1044
1724	MAY18	CCL	3696.23	4624	4538	3650	3484	974	1054
1725	MAY18	CCL	3508.73	4072	3783	3310	3085	762	698
1726	MAY18	CCL	3534.92	4229	4054	3540	3318	689	737
1727	MAY18	CCL	3547.81	4348	4234	3450	3172	898	1062
1728	MAY18	CCL	3497.56	4941	4671	3450	3105	1491	1566
1729	MAY18	CCL	3740.11	4623	4502	3950	3488	673	1013
1730	MAY18	CCL	3443.92	4982	4817	3240	2760	1742	2057
1731	MAY18	CCL	3445.64	4259	4259	3930	3566	329	693
1732	MAY18	CCL	3711.51	4240	4060	4630	4248	-390	-188
1733	MAY18	CCL	3409.46	4558	4457	4150	3849	408	608
1734	MAY18	CCL	3992.11	5487	5291	4260	4082	1227	1209
1735	MAY18	CCL	3343.14	4486	4285	3880	3383	606	902
1736	MAY18	CCL	3593.91	4793	4756	3990	3530	803	1226
1737	MAY18	CCL		4881	4810	3830	3297	1051	1513
1738	MAY18	CCL	3567.71	4423	4423	4490	3821	-67	602
1739	MAY18	CCL		4553	4553	4060	3692	493	861
1740	MAY18	CCL	3602.11	4185	3976	4000	3528	185	448
1741	MAY18	CCL	3411.12	4598	4512	4290	3768	308	745
1743	MAY18	CCL	3499.51	4651	4493	3960	3511	691	982
1744	MAY18	CCL	3517.73	4786	4813	3520	3247	1266	1566

1746	MAY18	CCL	3488.02	4364	4311	3020	2758	1344	1553
1747	MAY18	CCL	3329.02	5129	5037	4360	4116	769	921
1748	MAY18	CCL	3804.21	3346	3047	3550	3286	-204	-239
1750	MAY18	CCL	3256.25	5243	5132	3990	3974	1253	1158
1751	MAY18	CCL		5905	5804	3440	3422	2465	2381
1752	MAY18	CCL	3385.22	4716	4623	3970	3607	746	1015
1753	MAY18	CCL	3672.71	4280	4066	3810	3612	470	455
1754	MAY18	CCL		3860	3632	3640	3314	220	318
1755	MAY18	CCL	3475.23	4007	3792	3790	3482	217	310
1756	MAY18	CCL	3521.51	4475	4529	3780	3554	695	975
1757	MAY18	CCL	3524.21	4873	5000	3790	3460	1083	1540
1758	MAY18	CCL	3315.93	4348	4300	3790	3495	558	805
1759	MAY18	CCL	3413.32	4246	4246	3790	3435	456	811
1760	MAY18	CCL	3514.83	4089	3888	4300	3879	-211	9
1761	MAY18	CCL		3826	3703	3950	3603	-124	100
1762	MAY18	CCL	3291.03	4793	4567	3810	3345	983	1222
1763	MAY18	CCL	3336.92	4765	4588	4180	3636	585	951
1764	MAY18	CCL	3191.04	4459	4268	3900	3769	559	500
1766	MAY18	CCL	3516.91	4809	4640	3530	3184	1279	1456
1767	MAY18	ECL	1742.3	5860	5474	4740	4368	1120	1106
1768	MAY18	ECL	1093.9	6110	5721	3410	3146	2700	2575
1769	MAY18	ECL	75.6	5960	5514	4330	4045	1630	1469
1770	MAY18	ECL	331.3	6050	5572	4480	4105	1570	1467
1771	MAY18	ECL	931.64	6130	5746	4430	4018	1700	1728
1772	MAY18	ECL	868.79	5920	5587	4180	3939	1740	1648
1773	MAY18	ECL	1526.99	5940	5496	4740	4381	1200	1116
1774	MAY18	ECL		5410	4909	3590	3440	1820	1470
1775	MAY18	ECL	1011.64	5380	4836	3930	3621	1450	1215
1776	MAY18	ECL	250.51	5030	4611	2960	2704	2070	1907
1777	MAY18	ECL	3005.78	4870	4449	4540	4254	330	195
1778	MAY18	ECL	2965.77	6180	5754	3470	2990	2710	2764
1779	MAY18	ECL	539.4	6140	5685	2900	2596	3240	3089
1780	MAY18	ECL	1211.2	5960	5374	5150	4678	810	696
1781	MAY18	ECL	1450.9	6090	5666	4180	3950	1910	1716
1782	MAY18	ECL	401.2	6080	5683	3950	3597	2130	2086
1783	MAY18	ECL	706.5	6300	5809	5200	4722	1100	1086
1784	MAY18	ECL	1814.28	6100	5590	4650	4238	1450	1352
1785	MAY18	ECL	313.5	6050	5696	3690	3367	2360	2329
1786	MAY18	ECL	238.38	6160	5872	4920	4600	1240	1272
1787	MAY18	ECL	1224.97	6180	5897	4110	3775	2070	2122
1788	MAY18	ECL	1017.41	6090	5609	3270	2891	2820	2718
1789	MAY18	ECL	606.4	6160	5693	4150	3842	2010	1851
1790	MAY18	ECL	1942.5	6220	5875	3380	3121	2840	2754
1791	MAY18	ECL	336.7	6130	5791	3920	3606	2210	2185
1792	MAY18	ECL	3240.75	5410	5141	4110	3627	1300	1515
1793	MAY18	ECL	598.45	5390	5061	4030	3659	1360	1402
1794	MAY18	ECL	593.72	3380	3097	3140	3022	240	75

1795	MAY18	ECL	1605.02	2970	2774	3290	3152	-320	-379
1796	MAY18	ECL	1663.05	2770	2635	3100	2932	-330	-297
1797	MAY18	ECL	1193	3650	3491	3590	3381	60	109
1798	MAY18	ECL	2082.8	3700	3550	3250	3170	450	379
1799	MAY18	ECL	1087.31	6170	5607	5020	4704	1150	902
1800	MAY18	ECL	328.5	5690	5116	4640	4248	1050	869
1801	MAY18	ECL	1565.44	5710	5245	4060	3947	1650	1298
1802	MAY18	ECL	759.02	6140	5770	4990	4727	1150	1043
1803	MAY18	ECL	2001.3	3290	3025	2970	2718	320	306
1804	MAY18	ECL	1021.8	2600	2428	3010	2863	-410	-434
1805	MAY18	ECL	1043.8	3480	3236	2740	2644	740	591
1806	MAY18	ECL	1428.27	5030	4644	5460	5130	-430	-486
1807	MAY18	ECL	539.03	5020	4704	4910	4640	110	64
1808	MAY18	ECL	1426.44	4910	4581	4960	4624	-50	-43
1809	MAY18	ECL	824.18	6080	5612	4180	3740	1900	1872
1810	MAY18	ECL	455.82	6030	5676	4020	3712	2010	1964
1811	MAY18	ECL	1030.43	6070	5701	3980	3767	2090	1934
1812	MAY18	ECL	1079.66	6070	5800	3710	3460	2360	2340
1813	MAY18	ECL	768.34	5720	5434	4530	3988	1190	1446
1814	MAY18	ECL	1155.5	5560	5282	4420	3945	1140	1337
1815	MAY18	ECL	1569.12	5760	5034	4830	4526	930	508
1816	MAY18	ECL	417.6	5900	5344	3780	3284	2120	2060
1817	MAY18	ECL	1005.6	6030	5290	3740	3252	2290	2038
1818	MAY18	ECL	1069.6	5950	5440	3610	3391	2340	2049
1819	MAY18	ECL	1423.8	5980	5435	4280	3937	1700	1497
1820	MAY18	ECL	3726.07	4050	3854	3890	3584	160	270
1821	MAY18	ECL	1381.54	6300	5890	4210	3976	2090	1913
1822	MAY18	ECL	301.88	6120	5582	3550	3367	2570	2215
1823	MAY18	ECL	1505.25	6050	5517	4300	4172	1750	1345
1824	MAY18	ECL	298.28	6290	5576	4230	4014	2060	1562
1825	MAY18	ECL	849.37	5940	5551	4760	4390	1180	1161
1826	MAY18	ECL	323.18	6190	5762	5070	4865	1120	897
1827	MAY18	ECL	651.35	6130	5733	5390	5148	740	585
1828	MAY18	ECL	970.83	6130	5826	5340	4795	790	1031
1829	MAY18	ECL	3436.9	4490	4201	3530	3353	960	849
1830	MAY18	BCCL	3541.44	5370	5262	4870	4733	500	529
1831	MAY18	BCCL	3874.28	4250	4237	4950	4801	-700	-564
1832	MAY18	BCCL	4063	4180	4104	4750	4606	-570	-502
1833	MAY18	BCCL	3910	4310	4214	4350	4191	-40	23
1834	MAY18	BCCL	138	5370	5354	4350	4137	1020	1217
1835	MAY18	BCCL	3311.1	5630	5573	4580	4441	1050	1132
1836	MAY18	BCCL	633.4	4820	4669	3920	3860	900	809
1837	MAY18	BCCL	2911	5130	5021	4720	4658	410	364
1838	MAY18	BCCL	842.9	6590	6583	4300	4282	2290	2301
1839	MAY18	BCCL	3214.2	4870	4772	4380	4318	490	454
1840	MAY18	BCCL	671.7	6300	6287	4760	4692	1540	1595
1841	MAY18	BCCL	2720.73	4470	4448	4980	4899	-510	-452

1842	MAY18	BCCL	2782	4480	4390	4440	4246	40	143
1843	MAY18	BCCL	947.6	5890	5878	4840	4640	1050	1238
1844	MAY18	BCCL	3345.44	3710	3635	4030	3997	-320	-362
1845	MAY18	BCCL	3544.42	4940	4861	3490	3384	1450	1476
1846	MAY18	BCCL	3032.43	6010	6004	3440	3388	2570	2616
1847	MAY18	BCCL	1084.24	4290	4212	3410	3372	880	840
1848	MAY18	BCCL	911.9	5670	5659	3420	3361	2250	2298
1849	MAY18	BCCL	2943.9	4750	4693	3620	3587	1130	1106
1850	MAY18	BCCL	3553.46	4370	4128	3900	3778	470	351
1851	MAY18	BCCL	2644.7	6420	6407	3810	3729	2610	2678
1852	MAY18	BCCL	1035.3	4360	4233	4420	4281	-60	-48
1853	MAY18	BCCL	2745.7	6010	5998	3750	3595	2260	2403
1854	MAY18	BCCL	1078.8	5260	5165	3670	3611	1590	1554
1855	MAY18	BCCL	3086.36	3950	3906	4710	4643	-760	-737
1856	MAY18	BCCL	860.95	6170	6164	3890	3763	2280	2401
1857	MAY18	BCCL	2969.5	5000	4914	4730	4663	270	252
1858	MAY18	BCCL	927.5	6170	6176	4900	4796	1270	1381
1859	MAY18	BCCL	781.3	5730	5724	4760	4716	970	1008
1860	MAY18	BCCL	3170.9	3790	3733	4880	4781	-1090	-1048
1861	MAY18	BCCL	1050	6060	6054	4660	4551	1400	1503
1862	MAY18	BCCL	3010	4900	4771	4710	4653	190	119
1863	MAY18	BCCL	691.7	5960	5948	4630	4592	1330	1356
1864	MAY18	BCCL	3131.9	4860	4806	4650	4584	210	222
1865	MAY18	BCCL	1540.16	3740	3634	4300	3982	-560	-349
1866	MAY18	BCCL	1638.62	4110	3977	4450	4306	-340	-329
1867	MAY18	BCCL	3200.59	5120	5038	4430	4358	690	680
1868	MAY18	BCCL	665.19	5970	5970	4360	4245	1610	1725
1869	MAY18	BCCL	1190.96	5590	5404	4470	4470	1120	934
1870	MAY18	BCCL	488.81	4670	4448	4470	4465	200	-18
1871	MAY18	BCCL	1381.54	4740	4466	4250	4233	490	233
1872	MAY18	BCCL	2983.93	4310	4280	3800	3712	510	568
1873	MAY18	BCCL	776.24	6270	6257	3980	3786	2290	2471
1874	MAY18	BCCL	3894	3540	3378	3600	3444	-60	-66
1875	MAY18	BCCL	3390.8	4820	4742	4170	4030	650	712
1876	MAY18	BCCL	604.4	5910	5904	4060	3974	1850	1930
1877	JUNE18	CCL	3003.37	4776	4604	4390	3892	386	711
1878	JUNE18	CCL	3625.21	4751	4651	3580	3181	1171	1470
1879	JUNE18	CCL	3359.12	4974	4842	4040	3673	934	1169
1880	JUNE18	CCL		4799	4608	4230	3808	569	800
1881	JUNE18	CCL		4914	4686	3940	3615	974	1071
1882	JUNE18	CCL	3515.61	4654	4608	3990	3468	664	1140
1883	JUNE18	CCL	3483.01	4513	4404	3680	3269	833	1135
1884	JUNE18	CCL	2898.26	3580	3508	3660	3489	-80	18
1885	JUNE18	CCL	2898.26	3270	3180	3660	3489	-390	-309
1886	JUNE18	CCL	3462.63	4594	4380	4190	3706	404	674
1887	JUNE18	CCL	3671.01	4378	4180	4110	3543	268	637
1888	JUNE18	CCL	3776.72	3450	3273	3000	2539	450	735

1889	JUNE18	CCL		3519	3113	2800	2429	719	684
1890	JUNE18	CCL	3942.23	3928	3726	3190	3058	738	668
1891	JUNE18	CCL		4315	4184	3470	3204	845	980
1892	JUNE18	CCL	3651.31	4466	4329	3770	3196	696	1134
1893	JUNE18	CCL	3343.34	4849	4621	4110	3759	739	862
1894	JUNE18	CCL		4534	4440	4130	3704	404	736
1895	JUNE18	CCL	3873.2	4090	3882	4500	3997	-410	-115
1896	JUNE18	CCL	3680.63	3748	3577	4010	3668	-262	-91
1897	JUNE18	CCL		3581	3312	3650	3513	-69	-201
1898	JUNE18	CCL	3710.51	4487	4497	3650	3086	837	1410
1899	JUNE18	CCL	3922.4	4980	4772	3830	3674	1150	1098
1900	JUNE18	CCL	3549.73	4627	4576	3000	2644	1627	1931
1901	JUNE18	CCL	3695.43	3487	3172	3250	2981	237	191
1902	JUNE18	CCL		3554	3329	3580	3330	-26	-1
1903	JUNE18	CCL	3301.27	4418	4216	3700	3221	718	995
1904	JUNE18	CCL	3859.92	5606	5344	4930	4602	676	742
1905	JUNE18	CCL	3269.03	4711	4727	3930	3600	781	1127
1906	JUNE18	CCL		4017	3977	3870	3459	147	518
1907	JUNE18	CCL	3455.54	4184	4044	3620	3289	564	755
1908	JUNE18	CCL	3376.25	4225	4047	3900	3511	325	536
1909	JUNE18	CCL	3863.78	5420	5420	4100	3999	1320	1421
1910	JUNE18	CCL	3656.75	4195	4144	3720	3563	475	581
1911	JUNE18	CCL		3913	3717	3130	2928	783	790
1912	JUNE18	CCL	3390.04	4377	4300	3250	2893	1127	1407
1913	JUNE18	CCL		4493	4423	2970	2564	1523	1859
1914	JUNE18	CCL	3782.1	4187	4010	3830	3457	357	553
1915	JUNE18	CCL	3535.61	4133	3916	3360	3118	773	799
1916	JUNE18	CCL	3718.11	4447	4447	3850	3800	597	647
1917	JUNE18	CCL	3583.21	4516	4481	3280	3049	1236	1432
1918	JUNE18	CCL		4570	4525	3710	3416	860	1109
1919	JUNE18	CCL	3609.31	4334	4220	3980	3615	354	605
1920	JUNE18	CCL	3333.64	4259	4147	3710	3362	549	785
1921	JUNE18	CCL	3248.56	5632	5374	4570	4373	1062	1001
1922	JUNE18	CCL	3527.42	4315	4258	3580	3351	735	906
1923	JUNE18	CCL		4441	4441	3510	3140	931	1301
1924	JUNE18	CCL	3553.62	4165	4106	3930	3680	235	426
1925	JUNE18	CCL	3329.86	4119	3936	2780	2543	1339	1393
1926	JUNE18	CCL		3878	3705	3970	3662	-92	43
1927	JUNE18	CCL	3587.42	3979	3797	3440	3109	539	688
1928	JUNE18	CCL	3398.85	3581	3468	3540	3200	41	268
1929	JUNE18	CCL		4271	4214	3090	2841	1181	1373
1930	JUNE18	CCL	3596.41	4070	3854	3230	2734	840	1120
1931	JUNE18	CCL		3969	3904	3920	3682	49	222
1932	JUNE18	CCL	3703.33	4267	4156	3580	3103	687	1053
1933	JUNE18	CCL	3743.71	4414	4168	3870	3473	544	695
1934	JUNE18	CCL	3845.79	4242	4037	3490	3031	752	1006
1935	JUNE18	CCL	4148.8	4231	3998	3170	2905	1061	1093

1936	JUNE18	CCL		4374	4223	3520	3286	854	938
1937	JUNE18	CCL	4083.7	4278	4099	3860	3530	418	569
1938	JUNE18	CCL		4307	4158	3950	3679	357	479
1939	JUNE18	CCL	3315.45	4162	4071	3910	3673	252	398
1940	JUNE18	CCL	3375.24	3769	3611	3180	2827	589	784
1941	JUNE18	CCL	4004.2	5391	5210	3340	3308	2051	1902
1942	JUNE18	CCL	3492.93	4119	3869	3430	3202	689	666
1943	JUNE18	CCL		4218	4218	4550	4274	-332	-56
1944	JUNE18	CCL		4153	4153	3850	3664	303	489
1945	JUNE18	CCL	3756.83	4283	4283	3700	3366	583	917
1946	JUNE18	CCL	3536.24	4209	4012	3180	2835	1029	1178
1947	JUNE18	CCL	3417.93	3650	3650	3910	3392	-260	258
1948	JUNE18	CCL	3616.92	4691	4471	3410	3167	1281	1304
1949	JUNE18	CCL		4081	3873	3900	3697	181	176
1950	JUNE18	CCL	3549.02	4821	4649	3070	2830	1751	1819
1951	JUNE18	CCL		3915	3627	3410	3118	505	509
1952	JUNE18	CCL	3614.83	4600	4356	3770	3408	830	948
1953	JUNE18	CCL	3031.31	4326	4139	3760	3490	566	649
1954	JUNE18	CCL	3637.11	4507	4452	4240	3831	267	622
1955	JUNE18	CCL	3687.81	4841	4547	2910	2704	1931	1843
1956	JUNE18	CCL	3778.21	4125	3867	3050	2879	1075	989
1957	JUNE18	CCL	3929.13	5355	5098	4410	4415	945	683
1958	JUNE18	CCL	3640.93	4655	4517	3150	2934	1505	1584
1959	JUNE18	CCL	3439.53	4536	4411	4040	3629	496	782
1960	JUNE18	CCL	3994	4413	4289	3550	3406	863	883
1961	JUNE18	CCL	3750.01	3868	3651	3790	3581	78	70
1962	JUNE18	CCL	4125.2	4818	4598	2930	2711	1888	1887
1963	JUNE18	CCL	3830.41	4312	4121	3240	2885	1072	1236
1964	JUNE18	CCL	3817	3743	3590	3360	3332	383	258
1965	JUNE18	CCL	3712.72	4042	3858	3240	2919	802	940
1966	JUNE18	CCL	3760.31	4242	4094	4040	3704	202	390
1967	JUNE18	CCL		3896	3727	4010	3762	-114	-36
1968	JUNE18	CCL	3745.3	3676	3529	4110	3850	-434	-321
1969	JUNE18	CCL	3929	3975	3861	4300	3944	-325	-83
1970	JUNE18	CCL	3474.92	4365	4245	4400	4046	-35	199
1971	JUNE18	CCL	3515.63	4344	4315	4160	3835	184	480
1972	JUNE18	CCL	3777.01	4281	4174	4070	3739	211	434
1973	JUNE18	CCL	3579.55	4763	4589	4310	4001	453	588
1974	JUNE18	CCL	3293.82	4707	4475	3890	3394	817	1081
1975	JUNE18	CCL		3991	3808	4030	3650	-39	158
1976	JUNE18	CCL	4072.3	5065	4947	3110	2731	1955	2216
1977	JUNE18	CCL	3588.42	4169	4060	3690	3344	479	716
1978	JUNE18	CCL	3545.31	4669	4546	4170	4045	499	500
1979	JUNE18	CCL	3584.72	3847	3648	3600	3417	247	231
1980	JUNE18	CCL	3431.54	4639	4629	4020	3669	619	960
1981	JUNE18	CCL		3938	3771	3980	3742	-42	29
1982	JUNE18	CCL	3551.11	4752	4709	4360	3739	392	970

1983	JUNE18	CCL		4155	3941	4410	4137	-255	-197
1984	JUNE18	CCL		4162	4162	4470	3936	-308	226
1985	JUNE18	CCL	3920.58	5432	5138	4020	3822	1412	1316
1986	JUNE18	CCL	3609.92	3892	3799	4170	3740	-278	59
1987	JUNE18	CCL	3655.28	4108	3927	4170	3844	-62	83
1988	JUNE18	CCL	3600.63	5011	4641	4370	3964	641	677
1989	JUNE18	CCL	3847.81	4025	3850	4450	4206	-425	-355
1990	JUNE18	CCL	3746.57	5199	4849	5030	4683	169	165
1991	JUNE18	CCL	3646.33	3874	3631	4400	4022	-526	-392
1992	JUNE18	CCL		3865	3622	4390	4056	-525	-435
1993	JUNE18	CCL	3722.11	4634	4426	4300	3984	334	442
1994	JUNE18	CCL	3603.42	4021	3818	4170	3775	-149	42
1995	JUNE18	CCL	3623.76	3721	3604	4070	3856	-349	-252
1996	JUNE18	CCL	3882.31	3856	3601	4410	4061	-554	-460
1997	JUNE18	CCL		3881	3615	4420	4190	-539	-575
1998	JUNE18	CCL	3668.52	4215	4023	4310	3671	-95	352
1999	JUNE18	CCL		4123	3877	4310	3950	-187	-74
2000	JUNE18	CCL	3519.05	3919	3658	4020	3451	-101	207
2001	JUNE18	CCL		3952	3735	3870	3608	82	127
2002	JUNE18	CCL	3591.93	4093	3791	3780	3121	313	669
2003	JUNE18	CCL	3699.91	4090	3850	3870	3514	220	336
2004	JUNE18	CCL	3655.82	3895	3662	4110	3863	-215	-201
2005	JUNE18	CCL		3849	3599	4130	3721	-281	-122
2006	JUNE18	CCL	3763.61	3920	3635	4120	3741	-200	-106
2007	JUNE18	CCL	3654.41	4528	4394	4280	3695	248	699
2008	JUNE18	CCL		3981	3647	3990	3528	-9	120
2009	JUNE18	CCL	3706.13	4232	4014	3950	3408	282	606
2010	JUNE18	CCL	3678.52	3879	3606	3870	3537	9	69
2011	JUNE18	CCL	3765.52	3953	3691	4310	4047	-357	-356
2012	JUNE18	ECL	1444.19	6160	5607	4740	4418	1420	1189
2013	JUNE18	ECL	308.81	6170	5881	4060	3728	2110	2153
2014	JUNE18	ECL	995.69	6140	5601	4140	3898	2000	1703
2015	JUNE18	ECL	688.11	6140	5562	5180	4887	960	675
2016	JUNE18	ECL	1129.29	6150	5704	4520	4054	1630	1651
2017	JUNE18	ECL	713.1	6050	5548	4530	4082	1520	1466
2018	JUNE18	ECL	1372.3	6110	5670	4280	3849	1830	1822
2019	JUNE18	ECL	877	3840	3583	3800	3549	40	34
2020	JUNE18	ECL	1207.3	3380	3128	3140	3082	240	46
2021	JUNE18	ECL	818.9	4010	3773	3290	2959	720	814
2022	JUNE18	ECL	664.8	3980	3679	3170	2974	810	706
2023	JUNE18	ECL	1302.82	6150	5701	5010	4312	1140	1389
2024	JUNE18	ECL	745.37	6180	5540	4790	4698	1390	842
2025	JUNE18	ECL	1279.96	6240	5483	4580	4111	1660	1372
2026	JUNE18	ECL	248.06	6290	5682	4540	4083	1750	1598
2027	JUNE18	ECL	1175.96	6070	5586	4220	3588	1850	1998
2028	JUNE18	ECL	1200.82	6110	5517	4720	4389	1390	1128
2029	JUNE18	ECL	1084.5	6030	5649	4680	4193	1350	1457

2030	JUNE18	ECL	1195.7	6050	5696	4160	3751	1890	1945
2031	JUNE18	ECL	839.3	6030	5375	4710	4404	1320	971
2032	JUNE18	ECL	665.4	6010	5384	3970	3706	2040	1679
2033	JUNE18	ECL	707.5	6090	5773	2810	2612	3280	3161
2034	JUNE18	ECL	581.8	6100	5583	3240	2999	2860	2584
2035	JUNE18	ECL	994.6	5970	5407	3990	3526	1980	1881
2036	JUNE18	ECL	1460.31	6040	5692	4660	4380	1380	1312
2037	JUNE18	ECL	332.1	6020	5484	3640	3413	2380	2071
2038	JUNE18	ECL	1525.3	6050	5642	4050	3918	2000	1724
2039	JUNE18	ECL	1180.3	6000	5427	3360	3071	2640	2356
2040	JUNE18	ECL	779	6130	5737	4830	4378	1300	1359
2041	JUNE18	ECL	1717.4	5820	5562	5230	4838	590	723
2042	JUNE18	ECL	1285.72	4870	4360	5400	4891	-530	-531
2043	JUNE18	ECL	257.74	5480	5211	5160	4632	320	579
2044	JUNE18	ECL	959.65	6030	5638	3910	3482	2120	2156
2045	JUNE18	ECL	586.2	6050	5676	3790	3509	2260	2167
2046	JUNE18	ECL	634.93	6060	5817	4080	3806	1980	2011
2047	JUNE18	ECL	968.07	5930	5339	3560	3545	2370	1794
2048	JUNE18	ECL	267.7	6100	5802	2820	2590	3280	3212
2049	JUNE18	ECL	1889.7	6050	5564	3180	2959	2870	2606
2050	JUNE18	ECL	736.6	6040	5850	3510	3287	2530	2563
2051	JUNE18	ECL	947.3	6060	5593	3010	2798	3050	2796
2052	JUNE18	ECL	1036.3	5980	5319	3990	3684	1990	1635
2053	JUNE18	ECL	398.77	6080	5684	4110	3818	1970	1866
2054	JUNE18	ECL	1692.6	6190	5848	2920	2708	3270	3140
2055	JUNE18	ECL	713.27	6040	5738	3280	3138	2760	2600
2056	JUNE18	ECL	999.44	6070	5782	5070	4782	1000	1000
2057	JUNE18	ECL	1217.49	5950	5355	5100	4848	850	507
2058	JUNE18	ECL	1488.85	6060	5785	4680	4386	1380	1399
2059	JUNE18	ECL	797.3	6150	5771	3530	3193	2620	2578
2060	JUNE18	ECL	1632.7	6090	5772	3800	3471	2290	2301
2061	JUNE18	ECL	1522.1	6130	5718	3430	3138	2700	2580
2062	JUNE18	ECL	655.3	6200	6059	3530	3287	2670	2772
2063	JUNE18	ECL	1182.44	6130	5716	5510	4845	620	872
2064	JUNE18	ECL	925.08	6130	5677	5260	4968	870	709
2065	JUNE18	ECL	383.12	6060	5638	4660	4286	1400	1352
2066	JUNE18	ECL	1320.1	6150	5722	4410	4198	1740	1525
2067	JUNE18	ECL	3365.86	3280	3152	2950	2772	330	379
2068	JUNE18	ECL	1621.55	5790	5401	4920	4485	870	916
2069	JUNE18	ECL	776.94	5960	5624	4800	4539	1160	1085
2070	JUNE18	ECL	2150.2	6200	5867	5680	5032	520	835
2071	JUNE18	ECL	835.6	6180	5815	5710	5395	470	420
2072	JUNE18	ECL	965.9	6240	5837	5420	4760	820	1077
2073	JUNE18	ECL	2039.43	5010	4888	3940	3770	1070	1118
2074	JUNE18	ECL	1670.24	4670	4409	4310	3834	360	575
2075	JUNE18	ECL	65.72	5390	5149	4290	4077	1100	1072
2076	JUNE18	ECL	1562.32	4840	4603	4900	4643	-60	-40

2077	JUNE18	ECL	1593.41	4250	4012	4490	4270	-240	-257
2078	JUNE18	ECL	375.97	4230	3980	4000	3705	230	275
2079	JUNE18	ECL	284.98	4590	4380	4160	3806	430	575
2080	JUNE18	ECL	3589.72	4020	3665	3980	3781	40	-117
2081	JUNE18	ECL	791.17	6010	5573	5260	4951	750	622
2082	JUNE18	ECL	1121.8	6030	5650	5290	5030	740	620
2083	JUNE18	ECL	402.75	6020	5831	5450	5224	570	607
2084	JUNE18	ECL	1576.89	6040	5850	5470	4721	570	1129
2085	JUNE18	ECL	1681.76	3300	3101	3340	3057	-40	44
2086	JUNE18	ECL	1286.76	3050	2970	3430	3102	-380	-132
2087	JUNE18	ECL	570.8	3450	3300	3570	3196	-120	104
2088	JUNE18	ECL	329.7	6000	5486	4810	4414	1190	1071
2089	JUNE18	ECL	1539.07	6300	5815	5780	5287	520	528
2090	JUNE18	ECL	1195.37	6330	5575	5780	5174	550	401
2091	JUNE18	BCCL	3847.37	3710	3590	4350	4205	-640	-615
2092	JUNE18	BCCL	3468.9	4740	4678	4470	4348	270	330
2093	JUNE18	BCCL	533	6280	6267	4000	3931	2280	2336
2094	JUNE18	BCCL	3432.2	4860	4752	4280	4254	580	498
2095	JUNE18	BCCL	639.9	5550	5522	3530	3483	2020	2039
2096	JUNE18	BCCL	3460.9	5790	5678	5110	4986	680	693
2097	JUNE18	BCCL	3735.33	5160	5040	4320	4084	840	956
2098	JUNE18	BCCL	264.04	6220	6195	4340	4190	1880	2005
2099	JUNE18	BCCL	2941.1	5300	5188	4430	4278	870	910
2100	JUNE18	BCCL	987.8	6010	6010	3440	3077	2570	2933
2101	JUNE18	BCCL	2088.2	3950	3886	4070	3926	-120	-40
2102	JUNE18	BCCL	1086	5960	5942	3710	3567	2250	2375
2103	JUNE18	BCCL	3427.3	4410	4383	4420	4362	-10	22
2104	JUNE18	BCCL	611.6	6090	6059	4630	4569	1460	1490
2105	JUNE18	BCCL	3195.4	4560	4473	4940	4620	-380	-148
2106	JUNE18	BCCL	790.1	5730	5707	4560	4449	1170	1258
2107	JUNE18	BCCL	3813.64	4900	4747	4590	4492	310	255
2108	JUNE18	BCCL	3174.5	5100	5074	4220	4160	880	914
2109	JUNE18	BCCL	777.1	6100	6075	4180	4117	1920	1959
2110	JUNE18	BCCL	3085.4	4550	4422	4560	4468	-10	-47
2111	JUNE18	BCCL	760.5	5770	5752	4750	4543	1020	1209
2112	JUNE18	BCCL	2804.36	4700	4667	4240	3922	460	745
2113	JUNE18	BCCL	784.76	6050	5995	4670	4505	1380	1490
2114	JUNE18	BCCL	3808.17	5330	5308	4300	4148	1030	1160
2115	JUNE18	BCCL	3966.64	5320	5240	3970	3818	1350	1422
2116	JUNE18	BCCL	4067.57	5060	4937	4080	4018	980	920
2117	JUNE18	BCCL	3787.75	5080	5008	3800	3719	1280	1289
2118	JUNE18	BCCL	3607.5	5870	5709	6130	5942	-260	-233
2119	JUNE18	BCCL	3914.99	5160	5082	4710	4538	450	543
2120	JULY18	CCL	3845.99	4323	4132	4710	4082	-387	50
2121	JULY18	CCL		3860	3616	4570	4049	-710	-433
2122	JULY18	CCL	3921.11	4641	4465	3880	3220	761	1244
2123	JULY18	CCL		3758	3564	3690	3054	68	511

2124	JULY18	CCL	3841.42	4617	4372	3740	3263	877	1109
2125	JULY18	CCL	3632.14	4331	4099	3980	3446	351	653
2126	JULY18	CCL	3833.2	4457	4278	4170	3744	287	534
2127	JULY18	CCL	3359.06	4176	3967	4200	3710	-24	257
2128	JULY18	CCL		4157	3896	4160	3773	-3	123
2129	JULY18	CCL	3457.85	4183	3985	4330	3890	-147	95
2130	JULY18	CCL	3673.32	4124	3881	4320	3931	-196	-50
2131	JULY18	CCL		4352	4143	4580	4187	-228	-44
2132	JULY18	CCL		4136	3851	4240	3924	-104	-73
2133	JULY18	CCL	4080.6	4605	4449	3990	3754	615	695
2134	JULY18	CCL		3582	3413	3750	3230	-168	183
2135	JULY18	CCL	3781.83	4517	4306	3250	3070	1267	1236
2136	JULY18	CCL	3568.69	3881	3672	3650	3157	231	515
2137	JULY18	CCL	3742.33	3980	3753	3820	3603	160	150
2138	JULY18	CCL	3758.81	4363	4042	3490	3217	873	825
2139	JULY18	CCL		4034	3804	3740	3388	294	416
2140	JULY18	CCL	3608.62	4309	4075	4110	3776	199	299
2141	JULY18	CCL	3458.82	4843	4773	4090	3767	753	1006
2142	JULY18	CCL	3387.34	4455	4286	4140	3795	315	491
2143	JULY18	CCL	3075.86	4920	4806	3740	3410	1180	1397
2144	JULY18	CCL		4452	4286	3660	3436	792	850
2145	JULY18	CCL	3891.91	4473	4287	3820	3525	653	762
2146	JULY18	CCL	3913.01	4108	3929	3660	3167	448	763
2147	JULY18	CCL	3930	3892	3693	3620	3222	272	472
2148	JULY18	CCL	3930	2896	2725	3620	3222	-724	-497
2149	JULY18	CCL	3930	2980	2809	3620	3222	-640	-412
2150	JULY18	CCL	3704.61	4120	3873	3620	3190	500	682
2151	JULY18	CCL		4429	4189	4200	3697	229	492
2152	JULY18	CCL	3797.43	3734	3552	3350	3025	384	527
2153	JULY18	CCL	3459.91	4480	4250	3910	3459	570	791
2154	JULY18	CCL		4181	3969	4150	3641	31	328
2155	JULY18	CCL	3444.12	4553	4353	3950	3694	603	660
2156	JULY18	CCL	3908.9	4175	4026	4290	3789	-115	238
2157	JULY18	CCL		4444	4298	3690	3332	754	966
2158	JULY18	CCL	3426.04	4314	4132	3550	3232	764	900
2159	JULY18	CCL	3376.53	3979	3759	3520	3257	459	502
2160	JULY18	CCL	3407.12	4008	3845	4230	3892	-222	-47
2161	JULY18	CCL	3317.94	4740	4589	4190	3858	550	731
2162	JULY18	CCL	3283.34	4413	4229	4150	3670	263	558
2163	JULY18	CCL		3884	3808	3840	3504	44	304
2164	JULY18	CCL	3348.08	4688	4595	4100	3779	588	815
2165	JULY18	CCL	3510.01	4894	4758	4030	3668	864	1090
2166	JULY18	CCL	3294.45	4762	4672	3780	3523	982	1148
2167	JULY18	CCL	3417.83	4481	4377	3990	3730	491	647
2168	JULY18	CCL		4277	4027	4230	3978	47	49
2169	JULY18	CCL	3973.21	2883	2684	4070	3693	-1187	-1008
2170	JULY18	CCL		3726	3446	3670	3387	56	59

2171	JULY18	CCL	3510.92	4342	4274	4240	3945	102	329
2172	JULY18	CCL		4293	4211	4200	3893	93	319
2173	JULY18	CCL	3191.96	4342	4274	3950	3561	392	713
2174	JULY18	CCL	3497.1	4025	3827	3440	3131	585	696
2175	JULY18	CCL	3707.21	3508	3260	3380	3056	128	204
2176	JULY18	CCL	3583.92	3606	3404	3780	3349	-174	56
2177	JULY18	CCL		3713	3397	3450	3118	263	279
2178	JULY18	CCL	3416.63	3571	3417	4050	3480	-479	-63
2179	JULY18	CCL		3408	3141	3900	3361	-492	-219
2180	JULY18	CCL	3579.1	4797	4582	4300	3896	497	686
2181	JULY18	CCL	3474.01	4212	4079	3930	3619	282	460
2182	JULY18	CCL	3472.41	4433	4359	4320	3721	113	638
2183	JULY18	CCL	3422.21	4683	4514	4120	3794	563	720
2184	JULY18	CCL		4214	4075	3940	3377	274	698
2185	JULY18	CCL	3663.1	3989	3840	3930	3580	59	260
2186	JULY18	CCL	3750.7	4072	3957	4580	4020	-508	-63
2187	JULY18	CCL	3341.02	4679	4627	3980	3611	699	1016
2188	JULY18	CCL	3353.91	4593	4526	4180	3520	413	1006
2189	JULY18	CCL		4381	4260	4150	3474	231	786
2190	JULY18	CCL	3237.6	4757	4640	4280	3672	477	968
2191	JULY18	CCL	3107.55	3835	3685	4250	3731	-415	-47
2192	JULY18	CCL		4026	3830	4280	3995	-254	-165
2193	JULY18	CCL	3627.68	4054	3827	4680	4443	-626	-616
2194	JULY18	CCL	3574.3	4030	3941	4110	3765	-80	176
2195	JULY18	CCL		4184	4078	3740	3370	444	708
2196	JULY18	CCL	3261.93	4502	4452	4800	4364	-298	88
2197	JULY18	CCL	2938.29	4747	4731	3790	3498	957	1233
2198	JULY18	CCL		4854	4783	4270	3899	584	884
2199	JULY18	CCL	3313.42	4727	4679	4130	3730	597	949
2200	JULY18	CCL		4660	4592	3840	3573	820	1019
2201	JULY18	CCL	3321.61	4493	4478	3960	3651	533	827
2202	JULY18	CCL	3731.9	4590	4342	4200	4048	390	293
2203	JULY18	CCL	3397.31	4790	4677	4760	4298	30	380
2204	JULY18	CCL	3405.53	4901	4840	3850	3501	1051	1339
2205	JULY18	CCL	3867.9	3977	3784	3930	3485	47	299
2206	JULY18	CCL		3954	3761	4000	3674	-46	87
2207	JULY18	CCL	3727.82	5397	5115	4460	4343	937	773
2208	JULY18	CCL	3506.51	4255	3969	4830	4202	-575	-233
2209	JULY18	CCL	3766.61	3289	3008	3340	3055	-51	-47
2210	JULY18	CCL	3854.4	3901	3710	3500	3065	401	646
2211	JULY18	CCL		2726	2651	4100	3533	-1374	-882
2212	JULY18	CCL	3372.01	4912	4856	4330	3826	582	1030
2213	JULY18	CCL		4727	4643	4150	3624	577	1019
2214	JULY18	CCL	3356.71	4356	4400	4500	3968	-144	432
2215	JULY18	CCL	3538.43	3540	3272	3610	3254	-70	18
2216	JULY18	CCL	3374.83	4483	4338	4420	3976	63	363
2217	JULY18	CCL	3146.3	4665	4691	4250	3840	415	852

2218	JULY18	CCL	3450.91	4592	4470	3970	3400	622	1070
2219	JULY18	CCL		4677	4456	4210	3692	467	764
2220	JULY18	CCL	3752.31	3130	2832	3120	2719	10	113
2221	JULY18	CCL		3750	3458	2800	2282	950	1176
2222	JULY18	CCL	3463.51	4506	4366	4030	3630	476	736
2223	JULY18	CCL		4479	4370	3580	3106	899	1264
2224	JULY18	CCL	3452.51	4353	4180	3770	3322	583	858
2225	JULY18	CCL	3568.71	4493	4458	3840	3417	653	1042
2226	JULY18	CCL	3569.11	4139	4057	3960	3376	179	681
2227	JULY18	CCL		4136	4041	4170	3541	-34	500
2228	JULY18	CCL	3522.82	4107	3922	4340	3661	-233	261
2229	JULY18	CCL	3851.25	4417	4160	3410	2923	1007	1236
2230	JULY18	CCL		4332	4151	3920	3427	412	724
2231	JULY18	CCL	3959.6	4101	3778	3340	2715	761	1063
2232	JULY18	CCL	3786.41	4324	4121	3720	3195	604	926
2233	JULY18	CCL		4081	3847	4050	3528	31	319
2234	JULY18	CCL	3740.9	4796	4430	4430	4113	366	317
2235	JULY18	CCL	3637.41	4335	4169	4110	3629	225	540
2236	JULY18	CCL		4356	4098	4760	4023	-404	75
2237	JULY18	CCL	3807.61	4142	3846	3810	3318	332	528
2238	JULY18	CCL		4086	3866	4120	3658	-34	207
2239	JULY18	CCL	3850	5210	5210	4030	3644	1180	1566
2240	JULY18	CCL	3572.03	3608	3413	4110	3703	-502	-289
2241	JULY18	CCL	3638.02	3927	3656	3750	3403	177	253
2242	JULY18	CCL	3321.65	4049	3796	4180	3696	-131	100
2243	JULY18	CCL		4159	3914	4180	3680	-21	234
2244	JULY18	CCL	3466.82	4024	3708	4310	3816	-286	-108
2245	JULY18	CCL	3471.61	4609	4303	5000	4345	-391	-43
2246	JULY18	CCL	3502.01	4748	4314	5000	4345	-252	-32
2247	JULY18	CCL	3375.32	4538	4260	4630	4096	-92	165
2248	JULY18	CCL		4475	4200	4720	4099	-245	101
2249	JULY18	CCL	3578.61	4587	4277	4800	4264	-213	13
2250	JULY18	CCL	3640.91	4272	3950	4430	3901	-158	48
2251	JULY18	CCL	3406.3	4503	4054	4420	3631	83	423
2252	JULY18	CCL	3508.54	4671	4505	4370	3629	301	876
2253	JULY18	CCL		4220	3963	4350	3748	-130	215
2254	JULY18	CCL	3671.41	3797	3565	4560	3919	-763	-354
2255	JULY18	ECL	831.9	3150	3009	4390	4017	-1240	-1008
2256	JULY18	ECL	1667.5	2880	2740	3630	3281	-750	-541
2257	JULY18	ECL	1422.24	4090	3850	3780	3259	310	590
2258	JULY18	ECL	724.8	6260	5838	4410	4027	1850	1811
2259	JULY18	ECL	2237.25	6240	5922	4280	3913	1960	2009
2260	JULY18	ECL	649.27	6210	5805	4970	4520	1240	1285
2261	JULY18	ECL	1202.15	6150	5816	3680	3345	2470	2472
2262	JULY18	ECL	586.42	6200	5998	3330	2961	2870	3037
2263	JULY18	ECL	405.98	6200	5971	4880	4328	1320	1643
2264	JULY18	ECL	1202.15	6160	5919	4750	4304	1410	1615

2265	JULY18	ECL	1690.23	5130	4747	4840	4393	290	354
2266	JULY18	ECL	996.18	5140	4701	4920	4468	220	233
2267	JULY18	ECL	127.27	5520	5195	3490	3125	2030	2070
2268	JULY18	ECL	349.88	5180	4886	3410	3114	1770	1772
2269	JULY18	ECL	400.41	5980	5660	2430	2239	3550	3421
2270	JULY18	ECL	1064.58	5880	5276	2850	2542	3030	2734
2271	JULY18	ECL	1626.21	5960	5687	2700	2438	3260	3250
2272	JULY18	ECL	667.2	5950	5723	2610	2367	3340	3356
2273	JULY18	ECL	969.79	3110	2701	2650	2378	460	323
2274	JULY18	ECL	940.68	3350	2953	2760	2467	590	486
2275	JULY18	ECL	1107.12	3400	3193	2640	2402	760	792
2276	JULY18	ECL	705.17	4320	3778	2560	2273	1760	1506
2277	JULY18	ECL	3459.85	3440	3272	4210	4097	-770	-826
2278	JULY18	ECL	1284.6	5980	5610	4890	4334	1090	1276
2279	JULY18	ECL	547.4	6100	5836	4430	3969	1670	1867
2280	JULY18	ECL	1228.5	5980	5654	4740	4210	1240	1444
2281	JULY18	ECL	794.2	6050	5799	4700	4282	1350	1517
2282	JULY18	ECL	656.35	5210	4920	4140	3871	1070	1049
2283	JULY18	ECL	1833.57	5190	4960	4890	4245	300	716
2284	JULY18	ECL	1105.05	5400	5173	4550	4265	850	908
2285	JULY18	ECL	2210.8	3760	3409	4050	3706	-290	-297
2286	JULY18	ECL	679.7	4160	3957	3930	3657	230	300
2287	JULY18	ECL	1017.9	3900	3510	4020	3906	-120	-396
2288	JULY18	ECL	799.42	6290	5926	5040	4584	1250	1343
2289	JULY18	ECL	1589.5	6300	6044	4430	4091	1870	1953
2290	JULY18	ECL	522.72	5660	5287	5690	5201	-30	86
2291	JULY18	ECL	725.09	6250	5625	4860	4459	1390	1166
2292	JULY18	ECL	1468.71	6050	5919	2840	2475	3210	3444
2293	JULY18	ECL	967.36	6100	5723	2820	2576	3280	3147
2294	JULY18	ECL	510.08	5800	5479	4970	4634	830	845
2295	JULY18	ECL	785.16	6060	5717	2830	2599	3230	3118
2296	JULY18	ECL	796.5	4090	3867	3560	3129	530	738
2297	JULY18	ECL	2905.34	3450	3310	3240	2855	210	454
2298	JULY18	ECL	1263.92	4360	4109	4550	4094	-190	16
2299	JULY18	ECL	2687.07	3230	3082	3360	3015	-130	68
2300	JULY18	ECL	1954.47	5590	5337	5260	4553	330	784
2301	JULY18	ECL	257.72	5630	5060	4260	3655	1370	1405
2302	JULY18	ECL	1069.46	4940	4564	4070	3443	870	1121
2303	JULY18	ECL	74.7	5490	5359	5180	4665	310	694
2304	JULY18	ECL	3443.5	3480	3293	3980	3605	-500	-313
2305	JULY18	ECL	3602.83	2880	2764	3960	3714	-1080	-949
2306	JULY18	ECL	3772.9	6140	5927	3180	2900	2960	3027
2307	JULY18	ECL	2010.82	5420	5066	4560	4145	860	921
2308	JULY18	ECL	448.42	5990	5668	4290	3958	1700	1710
2309	JULY18	ECL	265.64	5940	5693	4460	4195	1480	1497
2310	JULY18	ECL	983.78	5820	5432	4320	3935	1500	1497
2311	JULY18	ECL	535.6	6100	5638	5100	4642	1000	996

2312	JULY18	ECL	1913.3	6090	5693	5070	4696	1020	997
2313	JULY18	ECL	793.9	6050	5859	4820	4600	1230	1259
2314	JULY18	ECL	520.64	5450	5320	4890	4561	560	759
2315	JULY18	ECL	948.42	6170	6056	4940	4302	1230	1754
2316	JULY18	ECL	1033.84	6200	5896	5430	4932	770	964
2317	JULY18	ECL	571.98	6090	5706	4890	4219	1200	1486
2318	JULY18	ECL	1092.16	6000	5452	5390	4716	610	736
2319	JULY18	ECL	789	5970	5762	4440	4077	1530	1685
2320	JULY18	ECL	1246.8	6010	5494	4860	4313	1150	1181
2321	JULY18	ECL	1640.4	6090	5791	4570	4153	1520	1639
2322	JULY18	ECL	3630.5	5440	5077	4370	3893	1070	1184
2323	JULY18	ECL	3675	5360	5024	4230	3698	1130	1326
2324	JULY18	ECL	752.63	6000	5763	5140	4493	860	1269
2325	JULY18	ECL	380.27	5950	5911	4350	3787	1600	2124
2326	JULY18	ECL	1310.64	5940	5679	4290	3766	1650	1914
2327	JULY18	ECL	593.81	5920	5816	4830	4410	1090	1406
2328	JULY18	ECL	1520.93	6060	5788	4820	4524	1240	1263
2329	JULY18	ECL	1695.7	6110	6083	4440	3977	1670	2106
2330	JULY18	ECL	533.5	6060	5695	4750	4242	1310	1453
2331	JULY18	ECL	2057.7	3020	2896	4140	3895	-1120	-999
2332	JULY18	ECL	1899.4	2490	2370	3370	3165	-880	-795
2333	JULY18	ECL	1352.44	6290	5997	4750	4159	1540	1838
2334	JULY18	ECL	450.13	6190	5990	4760	4236	1430	1755
2335	JULY18	ECL	1292.08	6180	5751	4560	4128	1620	1623
2336	JULY18	ECL	580.36	6070	5991	3940	3434	2130	2557
2337	JULY18	ECL	2607.24	3370	3138	3350	2980	20	158
2338	JULY18	ECL	836.24	3800	3594	4090	3719	-290	-125
2339	JULY18	ECL	2369.1	3210	2999	3870	3511	-660	-513
2340	JULY18	ECL	1494.1	2990	2823	4450	4063	-1460	-1240
2341	JULY18	ECL	978.39	3500	3291	4180	3840	-680	-550
2342	JULY18	ECL	2286.25	3470	3262	4230	3875	-760	-613
2343	JULY18	ECL	3481.08	3320	2976	4540	4069	-1220	-1093
2344	JULY18	ECL	2603.97	4830	4499	3950	3359	880	1140
2345	JULY18	ECL	1248.63	4690	4339	5900	5330	-1210	-991
2346	JULY18	ECL	1427.94	6170	5630	4730	4343	1440	1288
2347	JULY18	ECL	1216.51	6330	5797	3320	2873	3010	2924
2348	JULY18	ECL	401.21	6210	5989	3570	3104	2640	2885
2349	JULY18	ECL	809.5	6150	5704	4640	4300	1510	1403
2350	JULY18	ECL	946	6210	5726	5480	4905	730	821
2351	JULY18	ECL	787.1	6170	5520	5150	4560	1020	960
2352	JULY18	ECL	771.7	5440	5101	5170	4591	270	511
2353	JULY18	ECL	1548.7	5550	5256	5610	5014	-60	242
2354	JULY18	ECL	404.5	5840	5467	5080	4606	760	861
2355	JULY18	ECL	1250.7	5690	5262	5030	4595	660	667
2356	JULY18	ECL		5690	5262	5780	5223	-90	39
2357	JULY18	ECL	713.25	5920	5519	5820	5112	100	407
2358	JULY18	ECL	1913.35	6000	5417	4870	4280	1130	1137

2359	JULY18	ECL	464.96	6050	5725	4500	3837	1550	1888
2360	JULY18	ECL	669.51	6140	5585	4520	3696	1620	1889
2361	JULY18	ECL	666.5	5880	5359	4920	4465	960	895
2362	JULY18	ECL	1332	6050	5469	4970	4500	1080	969
2363	JULY18	ECL	1126.7	6010	5718	4370	3909	1640	1809
2364	JULY18	ECL	400.4	6160	5733	4600	4102	1560	1632
2365	JULY18	BCCL	773.8	6820	6724	3900	3828	2920	2895
2366	JULY18	BCCL	992.87	5950	5866	4920	4780	1030	1086
2367	JULY18	BCCL	3596.61	5070	4952	4100	4009	970	944
2368	JULY18	BCCL	2438.35	4650	4594	4280	4020	370	574
2369	JULY18	BCCL	1193.8	4660	4580	4560	4306	100	273
2370	JULY18	BCCL	3589.37	5470	5387	3850	3775	1620	1612
2371	JULY18	BCCL	3542.27	3840	3770	3320	3199	520	571
2372	JULY18	BCCL	3542.27	5450	5362	3330	3222	2120	2140
2373	JULY18	BCCL	2402.3	4200	4153	3990	3811	210	342
2374	JULY18	BCCL	3813	4760	4582	3440	3325	1320	1258
2375	JULY18	BCCL	3600.44	5430	5348	3350	3272	2080	2076
2376	JULY18	BCCL	3718.7	4960	4845	4180	3880	780	965
2377	JULY18	BCCL	3738.62	4950	4795	4390	4114	560	681
2378	JULY18	BCCL	3607.36	5410	5312	4440	4129	970	1183
2379	JULY18	BCCL	3607.36	5480	5320	4070	3834	1410	1486
2380	JULY18	BCCL	3402.78	4310	4280	2900	2731	1410	1548
2381	JULY18	BCCL	2312.39	4600	4530	4520	4007	80	524
2382	JULY18	BCCL	1047.67	5860	5582	5350	5066	510	515
2383	AUG18	CCL	3740.41	3850	3570	3030	2616	820	954
2384	AUG18	CCL	3370.52	4155	3948	3620	3119	535	830
2385	AUG18	CCL	3294.33	5861	5610	4160	3551	1701	2059
2386	AUG18	CCL		4436	4210	3440	2947	996	1263
2387	AUG18	CCL	3314.02	4231	4007	4080	3609	151	398
2388	AUG18	CCL		4189	3954	3630	3087	559	867
2389	AUG18	CCL	3526.81	3871	3651	4230	3701	-359	-50
2390	AUG18	CCL	3416.7	4106	3855	4270	3727	-164	128
2391	AUG18	CCL		4212	3974	4040	3513	172	461
2392	AUG18	CCL	3740.73	2912	2728	4810	4195	-1898	-1467
2393	AUG18	CCL		5409	4895	3630	3053	1779	1842
2394	AUG18	CCL	3637.05	3780	3647	4420	3780	-640	-133
2395	AUG18	CCL	3328.22	4365	4129	3870	3213	495	916
2396	AUG18	CCL	3744.25	4446	4251	3290	2790	1156	1461
2397	AUG18	CCL		4249	4022	4350	3775	-101	248
2398	AUG18	CCL	3357.62	4387	4151	3860	3274	527	877
2399	AUG18	CCL	3649.02	3684	3437	3910	3401	-226	36
2400	AUG18	CCL	3342.74	3568	3379	3540	2929	28	450
2401	AUG18	CCL		4600	4365	3540	2929	1060	1436
2402	AUG18	CCL	3602.34	5322	5008	4390	3838	932	1169
2403	AUG18	CCL	3264.27	4602	4384	5110	4220	-508	164
2404	AUG18	CCL		4219	4047	4380	3863	-161	184
2405	AUG18	CCL	3520.94	3975	3682	3840	3273	135	409

2406	AUG18	CCL	3614.33	4623	4356	4310	3875	313	480
2407	AUG18	CCL	3346.31	4395	4136	3860	3203	535	933
2408	AUG18	CCL		4345	4079	4400	3843	-55	235
2409	AUG18	CCL	3399.31	4642	4412	3880	3367	762	1045
2410	AUG18	CCL	3382.22	4121	3850	3810	3359	311	491
2411	AUG18	CCL		4201	3910	5490	4780	-1289	-871
2412	AUG18	CCL	3936.53	5603	5262	4290	3779	1313	1483
2413	AUG18	CCL	3859.78	4243	4029	4050	3473	193	556
2414	AUG18	CCL	3751.48	4397	4170	4170	3740	227	431
2415	AUG18	CCL	3555.82	4478	4194	3380	2936	1098	1258
2416	AUG18	CCL	3578.01	4769	4610	3310	2866	1459	1744
2417	AUG18	CCL	3306.95	4672	4352	4090	3487	582	865
2418	AUG18	CCL	3472.71	3906	3619	3890	3471	16	147
2419	AUG18	CCL	3626.9	3538	3232	3260	2551	278	680
2420	AUG18	CCL	3303.7	4621	4349	4250	3733	371	615
2421	AUG18	CCL	3797.5	4901	4535	5740	5275	-839	-740
2422	AUG18	CCL		3970	3800	3510	3286	460	514
2423	AUG18	CCL	3470.14	3868	3633	4030	3513	-162	120
2424	AUG18	CCL	3659.41	3781	3469	3890	3456	-109	13
2425	AUG18	CCL	3549.43	3503	3246	3930	3484	-427	-238
2426	AUG18	CCL	3588.21	3938	3659	4040	3632	-102	27
2427	AUG18	CCL	3306.59	5250	4800	5200	4814	50	-14
2428	AUG18	CCL	3744.01	3668	3354	3970	3564	-302	-210
2429	AUG18	CCL	3448.44	3997	3739	5220	4310	-1223	-572
2430	AUG18	CCL	3860.01	4098	3730	4650	3994	-552	-263
2431	AUG18	CCL	3727.12	4064	3760	5710	5073	-1646	-1313
2432	AUG18	CCL	3694.34	4008	3725	4590	4060	-582	-335
2433	AUG18	CCL	3630.71	4225	3887	4140	3668	85	219
2434	AUG18	CCL	3447.74	4017	3666	3930	3445	87	221
2435	AUG18	CCL	3663.41	3874	3497	3880	3426	-6	71
2436	AUG18	CCL		3257	2922	4410	3933	-1153	-1011
2437	AUG18	CCL	3706.51	4540	4189	4390	3847	150	343
2438	AUG18	CCL	3646.71	5008	4658	4140	3641	868	1016
2439	AUG18	CCL	3724.14	5030	4664	4100	3678	930	986
2440	AUG18	CCL	3678.72	4011	3763	4060	3423	-49	340
2441	AUG18	CCL	3267.16	4583	4291	3830	3411	753	880
2442	AUG18	CCL	3644.73	4312	3977	3700	3227	612	751
2443	AUG18	CCL	3695.02	4435	4135	3960	3349	475	785
2444	AUG18	CCL		4279	3957	4070	3567	209	390
2445	AUG18	CCL	3403.58	4053	3729	3430	3022	623	707
2446	AUG18	CCL	3479.02	4071	3809	3270	2873	801	935
2447	AUG18	CCL	3567.63	4818	4451	4740	4280	78	171
2448	AUG18	CCL		4754	4347	3360	3028	1394	1319
2449	AUG18	CCL	3770.29	4840	4549	3840	3639	1000	910
2450	AUG18	CCL	3430.35	4187	3866	5160	4437	-973	-571
2451	AUG18	CCL	3430.35	4275	3936	5160	4437	-885	-500
2452	AUG18	CCL	2002.85	6010	5443	4440	3893	1570	1550

2453	AUG18	CCL	1188.05	6070	5890	5560	4951	510	940
2454	AUG18	CCL	735.31	6190	5647	4600	3950	1590	1697
2455	AUG18	CCL	3201.57	4554	4284	4380	3868	174	416
2456	AUG18	CCL		4762	4520	4870	4324	-108	196
2457	AUG18	CCL	3433.73	4799	4479	4450	3990	349	489
2458	AUG18	CCL	3566.02	4716	4388	4090	3611	626	777
2459	AUG18	CCL	3587.41	4939	4786	4230	3834	709	951
2460	AUG18	CCL	3516.43	4896	4703	3970	3564	926	1139
2461	AUG18	CCL	3892.3	4618	4282	4110	3673	508	609
2462	AUG18	CCL		4252	3948	4210	3686	42	262
2463	AUG18	CCL	3616.21	4409	4178	4010	3405	399	774
2464	AUG18	CCL	4033.86	5025	4746	3410	2996	1615	1750
2465	AUG18	CCL	3417.49	4828	4497	4100	3656	728	841
2466	AUG18	CCL		4178	3841	4250	3772	-72	69
2467	AUG18	CCL	4013.4	4305	4076	4340	3882	-35	194
2468	AUG18	CCL		3917	3728	3970	3517	-53	211
2469	AUG18	CCL	3569.82	3779	3471	3930	3280	-151	191
2470	AUG18	CCL	3735.81	3849	3572	3960	3491	-111	81
2471	AUG18	CCL	3510.43	4748	4493	3960	3290	788	1203
2472	AUG18	CCL		4934	4579	3950	3405	984	1174
2473	AUG18	CCL	3730.3	4868	4591	4070	3656	798	935
2474	AUG18	CCL	3486.02	5033	4670	4090	3529	943	1141
2475	AUG18	CCL		4606	4234	4070	3556	536	678
2476	AUG18	CCL	3507.82	4006	3740	5180	4431	-1174	-691
2477	AUG18	CCL	3544.73	4514	4199	4530	4015	-16	184
2478	AUG18	CCL		4311	3986	4290	3696	21	291
2479	AUG18	CCL	3065.79	4615	4320	4400	3839	215	481
2480	AUG18	CCL	3711.91	4926	4660	4240	3822	686	838
2481	AUG18	CCL	3733.8	4638	4350	4380	3932	258	418
2482	AUG18	CCL		4242	3900	4440	3916	-198	-16
2483	AUG18	CCL	3627.6	4850	4488	4890	4092	-40	396
2484	AUG18	CCL	3517.63	4503	4140	4460	3948	43	192
2485	AUG18	CCL		4241	3816	3950	3482	291	334
2486	AUG18	CCL	3612.94	4724	4376	3950	3636	774	740
2487	AUG18	CCL	3385.32	4519	4233	4210	3958	309	275
2488	AUG18	CCL		4182	3827	4030	3782	152	45
2489	AUG18	CCL	3300.64	4576	4359	4000	3875	576	484
2490	AUG18	CCL		4116	3821	3970	3560	146	261
2491	AUG18	CCL	3516.41	4286	4016	4100	3595	186	421
2492	AUG18	ECL	1977.5	6070	5536	4560	4202	1510	1333
2493	AUG18	ECL	659.6	6040	5619	5300	4879	740	741
2494	AUG18	ECL	993.7	6030	5623	5030	4697	1000	926
2495	AUG18	ECL	1092.72	5950	5647	4480	4169	1470	1478
2496	AUG18	ECL	967.78	5920	5575	4510	4030	1410	1544
2497	AUG18	ECL	449.42	6000	5652	4520	3990	1480	1662
2498	AUG18	ECL	1133.3	6090	5714	5570	4862	520	852
2499	AUG18	ECL	400.8	6000	5618	4510	4157	1490	1461

2500	AUG18	ECL	1211.6	5990	5596	4880	4307	1110	1289
2501	AUG18	ECL	1142.6	6020	5591	4760	4134	1260	1457
2502	AUG18	ECL	1484.79	6050	5599	3840	3383	2210	2217
2503	AUG18	ECL	650.5	6110	5718	3880	3394	2230	2324
2504	AUG18	ECL	970.19	6000	5607	3670	3212	2330	2396
2505	AUG18	ECL	385.94	6210	5759	3470	3022	2740	2737
2506	AUG18	ECL	1508.22	5420	5150	5340	4754	80	396
2507	AUG18	ECL	2318.95	5220	4945	5350	4897	-130	47
2508	AUG18	ECL	1689.86	5930	5588	3330	2993	2600	2595
2509	AUG18	ECL	694.38	6140	5861	4110	3667	2030	2194
2510	AUG18	ECL	575.7	6140	5904	4410	3862	1730	2041
2511	AUG18	ECL	706.23	6110	5601	2380	2050	3730	3550
2512	AUG18	ECL	1091.66	6270	5807	4530	4114	1740	1692
2513	AUG18	ECL	772.73	6390	5938	4990	4437	1400	1501
2514	AUG18	ECL	1086.83	6330	5849	4680	4270	1650	1578
2515	AUG18	ECL	835.7	6420	5834	4680	4069	1740	1765
2516	AUG18	ECL	2733.51	4240	3996	4160	3822	80	174
2517	AUG18	ECL	1222.07	2950	2824	5170	4651	-2220	-1827
2518	AUG18	ECL	2430.7	5470	4985	5230	4706	240	278
2519	AUG18	ECL	1364.1	4410	4007	4200	3656	210	350
2520	AUG18	ECL	3075.11	3380	3212	2480	2203	900	1009
2521	AUG18	ECL	1709.2	3130	3000	3470	3034	-340	-34
2522	AUG18	ECL	1986.1	2940	2794	3580	3080	-640	-285
2523	AUG18	ECL	468.94	5440	5202	5080	4723	360	479
2524	AUG18	ECL	752.48	5640	5424	5640	4959	0	465
2525	AUG18	ECL	1314.83	5550	5294	5740	5215	-190	80
2526	AUG18	ECL	864.12	6030	5646	6100	5519	-70	126
2527	AUG18	ECL	384.84	5760	5379	5000	4445	760	934
2528	AUG18	ECL	1201.43	6390	5958	5400	4756	990	1203
2529	AUG18	ECL	980.41	6450	6183	6040	5445	410	739
2530	AUG18	ECL	1426.49	6230	5823	5300	4680	930	1143
2531	AUG18	ECL	904.03	3890	3638	3220	2862	670	776
2532	AUG18	ECL	1048.11	3180	2994	3480	2968	-300	26
2533	AUG18	ECL	1527.53	3290	3070	3500	2903	-210	167
2534	AUG18	ECL	2428.47	3120	2744	3670	3384	-550	-640
2535	AUG18	ECL	1053.03	5360	4947	3970	3649	1390	1298
2536	AUG18	ECL	133.05	4290	3951	3300	3042	990	908
2537	AUG18	ECL	1050.4	6360	5999	4690	4176	1670	1823
2538	AUG18	ECL	1772.8	6310	6000	4750	4227	1560	1774
2539	AUG18	ECL	267.7	6350	6163	4990	4427	1360	1736
2540	AUG18	ECL	715	6340	5842	5010	4535	1330	1307
2541	AUG18	ECL	1388.16	4760	4359	5080	4727	-320	-368
2542	AUG18	ECL	1176.95	5030	4911	5270	4715	-240	196
2543	AUG18	ECL	457.61	6080	5738	5050	4809	1030	930
2544	AUG18	ECL	626.81	5840	5398	3550	3442	2290	1956
2545	AUG18	ECL	1527.53	2580	2422	2420	2089	160	333
2546	AUG18	ECL	1028.95	2510	2389	2430	2191	80	198

2547	AUG18	ECL	1393.7	2530	2396	2430	2100	100	296
2548	AUG18	ECL	1274.45	5880	5349	5860	5484	20	-136
2549	AUG18	ECL	552.5	5130	4534	5550	5173	-420	-638
2550	AUG18	ECL	1318.25	5540	4882	4670	4207	870	675
2551	AUG18	ECL	633.94	5450	4966	5230	4813	220	153
2552	AUG18	ECL	1261.41	5930	5346	5900	5488	30	-141
2553	AUG18	ECL	591.45	5570	5120	5690	5301	-120	-181
2554	AUG18	ECL	498.18	5700	5316	5300	4948	400	368
2555	AUG18	ECL	260.55	5220	4905	5440	5123	-220	-218
2556	AUG18	ECL	1191.31	5240	4896	5330	5006	-90	-110
2557	AUG18	ECL	3828.17	5240	4927	3960	3600	1280	1327
2558	AUG18	ECL	1024.38	5660	5341	5520	4760	140	581
2559	AUG18	ECL	1213.9	6040	5689	4690	4278	1350	1411
2560	AUG18	ECL	459.09	5450	5065	5610	4893	-160	172
2561	AUG18	ECL	108.59	5530	5179	6030	5530	-500	-351
2562	AUG18	ECL	482.26	5180	4932	4020	3678	1160	1254
2563	AUG18	ECL	1324.2	6130	5969	5370	4800	760	1170
2564	AUG18	ECL	2369.8	6180	5802	5170	4804	1010	997
2565	AUG18	ECL	1397.82	6140	5722	5320	4673	820	1049
2566	AUG18	ECL	1077.92	6290	5909	4750	4239	1540	1671
2567	AUG18	ECL	1263.66	6200	5782	5330	4654	870	1128
2568	AUG18	ECL	3740.2	4430	4033	5260	4872	-830	-839
2569	AUG18	ECL	1117.52	6320	5848	5040	4587	1280	1260
2570	AUG18	ECL	1452.7	6400	5963	5170	4694	1230	1269
2571	AUG18	ECL	1121.52	5390	5115	5840	5429	-450	-313
2572	AUG18	ECL	924.4	5630	5263	5420	5005	210	257
2573	AUG18	ECL	431.7	5590	5133	5410	5021	180	112
2574	AUG18	ECL	1619.5	5550	5327	5360	4987	190	340
2575	AUG18	ECL	451.5	6320	5930	5390	5000	930	930
2576	AUG18	ECL	750.3	6050	5483	5350	4878	700	605
2577	AUG18	ECL	1640.72	6310	5802	4350	3897	1960	1906
2578	AUG18	ECL	910.45	6280	5809	3750	3342	2530	2467
2579	AUG18	ECL	778.08	6290	5858	4460	3977	1830	1882
2580	AUG18	ECL	385.67	6130	5815	4320	3830	1810	1985
2581	AUG18	ECL	1250.59	5970	5631	4840	4265	1130	1366
2582	AUG18	ECL	1802.26	6090	5758	4640	3995	1450	1763
2583	AUG18	ECL	797.68	5960	5590	3840	3441	2120	2149
2584	AUG18	ECL	1829.71	4360	4153	4220	3864	140	288
2585	AUG18	ECL	1482.02	4540	4319	3860	3650	680	669
2586	AUG18	ECL	518.01	3620	3458	4330	4083	-710	-625
2587	AUG18	ECL	1590.94	6300	5999	5330	4880	970	1119
2588	AUG18	ECL	1593.02	6300	5992	5370	5040	930	952
2589	AUG18	ECL	595	6210	5825	5300	4827	910	998
2590	AUG18	ECL	2050.24	3940	3736	3390	3324	550	412
2591	AUG18	ECL	1867.79	3250	3088	3310	3069	-60	19
2592	AUG18	ECL	841.93	4150	3901	3670	3235	480	666
2593	AUG18	ECL	1271.27	4740	4340	4030	3501	710	839

2594	AUG18	ECL	305.78	4360	4069	3240	2945	1120	1123
2595	AUG18	ECL	677.2	4550	4207	4390	3684	160	524
2596	AUG18	ECL	333.88	6190	5801	4300	3794	1890	2007
2597	AUG18	ECL	799	6210	5746	4910	4414	1300	1331
2598	AUG18	ECL	1389.55	6200	5776	4250	3840	1950	1936
2599	AUG18	ECL	1324.44	6200	5715	4720	4368	1480	1346
2600	AUG18	ECL	2338.91	5950	5685	4830	4422	1120	1263
2601	AUG18	ECL	658.76	6170	5774	4130	3665	2040	2109
2602	AUG18	ECL	866.93	6250	5767	4830	4283	1420	1484
2603	AUG18	ECL	1704.54	6180	5966	4340	3743	1840	2223
2604	AUG18	ECL	1328.3	6090	5500	4860	4231	1230	1269
2605	AUG18	ECL	791.56	6140	5832	4010	3466	2130	2366
2606	AUG18	ECL	1303.03	3480	3314	4150	4029	-670	-715
2607	AUG18	ECL	1323.69	3580	3388	3730	3629	-150	-241
2608	AUG18	ECL	553.53	3450	3272	3800	3743	-350	-471
2609	AUG18	ECL	651.08	6150	5867	4680	4142	1470	1725
2610	AUG18	ECL	2442.21	6180	5937	4040	3390	2140	2547
2611	AUG18	ECL	734.74	6220	6042	4070	3572	2150	2471
2612	AUG18	ECL	4145.02	5020	4737	3840	3357	1180	1380
2613	AUG18	ECL	1254.51	4730	4333	4490	4005	240	328
2614	AUG18	ECL	1056.85	4060	3729	4490	3947	-430	-218
2615	AUG18	ECL	579.09	4550	4111	3590	3201	960	910
2616	AUG18	ECL	523.52	4140	3899	4090	3462	50	437
2617	AUG18	ECL	1159.15	5770	5459	4730	3923	1040	1536
2618	AUG18	ECL	700.24	6060	5783	5250	4756	810	1027
2619	AUG18	ECL	1477.75	5370	5120	4590	3929	780	1192
2620	AUG18	ECL	457.47	5290	4994	4200	3806	1090	1188
2621	AUG18	ECL	473.19	5540	5206	4150	3656	1390	1551
2622	AUG18	ECL	1901.37	6270	5594	4990	4178	1280	1416
2623	AUG18	ECL	787.78	6290	5829	5470	4794	820	1034
2624	AUG18	ECL	1129.99	6290	6114	5710	5028	580	1085
2625	AUG18	ECL	970.8	4070	3724	4080	3495	-10	228
2626	AUG18	ECL	651.5	3920	3623	4050	3307	-130	317
2627	AUG18	ECL	1484.7	4340	4078	4090	3544	250	534
2628	AUG18	ECL	649.1	4360	4071	4230	3348	130	723
2629	AUG18	ECL	1803.76	6230	5972	4600	4315	1630	1657
2630	AUG18	ECL	1277.9	6210	5672	4640	4229	1570	1443
2631	AUG18	ECL	794.54	6210	6007	4530	3969	1680	2038
2632	AUG18	ECL	1331.32	5860	5483	4750	4026	1110	1457
2633	AUG18	ECL	458.32	5710	5350	4700	4050	1010	1300
2634	AUG18	ECL	492.08	5420	5144	5360	4773	60	371
2635	AUG18	ECL	986.79	5580	5237	3710	3062	1870	2175
2636	AUG18	ECL	654.9	5480	5265	4660	4062	820	1203
2637	AUG18	ECL	1421.36	6220	5889	4110	3694	2110	2195
2638	AUG18	ECL	1808.22	6200	5856	4500	3991	1700	1865
2639	AUG18	ECL	788.4	6210	5826	4140	3585	2070	2241
2640	AUG18	ECL	924.18	6230	5992	4600	4042	1630	1950

2641	AUG18	ECL	1402.77	6180	5613	4580	4035	1600	1578
2642	AUG18	ECL	407.7	6200	6078	4780	4196	1420	1882
2643	AUG18	BCCL	3659.64	5610	5411	3120	2902	2490	2509
2644	AUG18	BCCL	2457.21	4100	3850	3350	3151	750	699
2645	AUG18	BCCL	1056.27	3790	3605	3580	3296	210	309
2646	AUG18	BCCL	3807.3	3410	3293	3890	3627	-480	-334
2647	AUG18	BCCL	3609.13	5230	5167	4170	3709	1060	1457
2648	SEP18	CCL	3350.43	4809	4591	4260	3707	549	883
2649	SEP18	CCL	3541.41	4717	4478	3970	3389	747	1089
2650	SEP18	CCL	3540.41	4210	3904	3990	3438	220	466
2651	SEP18	CCL		4372	4108	4110	3585	262	523
2652	SEP18	CCL	3542.62	5038	4756	4120	3570	918	1186
2653	SEP18	CCL	3534.89	4530	4179	4740	4088	-210	92
2654	SEP18	CCL		4578	4099	3910	3492	668	607
2655	SEP18	CCL	3314.65	4015	3783	4010	3535	5	248
2656	SEP18	CCL	3134.68	4436	4134	4100	3431	336	703
2657	SEP18	CCL		4125	3834	4260	3765	-135	69
2658	SEP18	CCL	3597.61	3926	3605	4270	3837	-344	-232
2659	SEP18	CCL	3561.02	4199	3858	4180	3686	19	172
2660	SEP18	CCL	3719.71	3388	3066	4030	3354	-642	-288
2661	SEP18	CCL	3459.64	3976	3670	4430	3898	-454	-227
2662	SEP18	CCL		3987	3683	3970	3550	17	133
2663	SEP18	CCL	3639.44	4136	3910	3560	3196	576	714
2664	SEP18	CCL		3986	3691	5310	4708	-1324	-1017
2665	SEP18	CCL	3689.31	4086	3738	3680	3070	406	668
2666	SEP18	CCL		4529	4154	4430	3946	99	209
2667	SEP18	CCL	3710.81	3736	3537	4190	3692	-454	-154
2668	SEP18	CCL	3852.56	4319	3955	4510	4026	-191	-71
2669	SEP18	CCL	3852.56	4052	3783	4510	4026	-458	-244
2670	SEP18	CCL	3852.56	4291	3925	4510	4026	-219	-102
2671	SEP18	CCL	3345.68	4056	3722	4190	3625	-134	97
2672	SEP18	CCL	3558.45	4138	3884	4420	3781	-282	102
2673	SEP18	CCL	3533.63	4080	3732	3850	3409	230	323
2674	SEP18	CCL	3680.71	4443	4056	3610	3042	833	1015
2675	SEP18	CCL	3756.03	4206	3840	3690	3170	516	671
2676	SEP18	CCL	3771.03	4741	4457	4770	3997	-29	460
2677	SEP18	CCL		4119	3819	3980	3472	139	348
2678	SEP18	CCL	3481.8	4917	4623	4450	4307	467	316
2679	SEP18	CCL	3662.01	4053	3812	4140	3516	-87	296
2680	SEP18	CCL		4134	3883	4790	4080	-656	-196
2681	SEP18	CCL	3608.43	4670	4391	3730	3285	940	1106
2682	SEP18	CCL		3777	3485	4410	3683	-633	-198
2683	SEP18	CCL	3702.23	3037	2686	3860	3339	-823	-654
2684	SEP18	CCL	3639.11	3820	3492	5160	4473	-1340	-981
2685	SEP18	CCL	3460.45	3915	3612	3850	3340	65	271
2686	SEP18	CCL	3607.81	4341	4127	3580	3047	761	1080
2687	SEP18	CCL		4264	4043	3540	3105	724	938

2688	SEP18	CCL	3623.21	4078	3755	3710	3252	368	503
2689	SEP18	CCL	3423.32	4394	4110	4230	3603	164	507
2690	SEP18	CCL	3517.41	4272	3978	3840	3366	432	612
2691	SEP18	CCL		4439	4215	4510	3897	-71	318
2692	SEP18	CCL	3517.91	3930	3661	4030	3475	-100	186
2693	SEP18	CCL	3618.41	4206	3958	4670	3942	-464	17
2694	SEP18	CCL		4563	4343	4750	4024	-187	319
2695	SEP18	CCL	3648.06	4206	3796	4100	3515	106	281
2696	SEP18	CCL	3317.94	4245	3945	4670	4125	-425	-180
2697	SEP18	CCL		4308	4052	4120	3604	188	447
2698	SEP18	CCL	3317.76	4387	4130	3700	3224	687	906
2699	SEP18	CCL	3388.42	4752	4505	4260	4026	492	479
2700	SEP18	CCL	3473.91	4361	4106	4370	3704	-9	402
2701	SEP18	CCL	3276.44	4670	4373	4530	3851	140	522
2702	SEP18	CCL	3351.11	4317	4102	5000	4273	-683	-171
2703	SEP18	CCL	3464.01	4516	4213	3960	3449	556	764
2704	SEP18	CCL	3415.81	4325	4072	4340	3750	-15	322
2705	SEP18	CCL	3505.31	4165	3900	4400	3891	-235	9
2706	SEP18	CCL	3524.91	4526	4324	4210	3685	316	638
2707	SEP18	CCL		4505	4308	4090	3666	415	642
2708	SEP18	CCL	3442.03	4336	4104	3760	3176	576	928
2709	SEP18	CCL		4441	4351	4640	4151	-199	201
2710	SEP18	CCL	3200.95	4335	4277	4360	3822	-25	455
2711	SEP18	CCL	3467.82	4390	4311	3990	3514	400	797
2712	SEP18	CCL	3590.01	4390	4236	4100	3824	290	412
2713	SEP18	CCL		3726	3443	4290	3851	-564	-408
2714	SEP18	CCL	3298.95	4784	4603	4350	3824	434	779
2715	SEP18	CCL	3472.01	4471	4293	4520	4145	-49	149
2716	SEP18	CCL	3486.91	4645	4480	3880	3634	765	845
2717	SEP18	CCL		4567	4390	4090	3794	477	596
2718	SEP18	CCL	3434.41	4486	4328	4390	3888	96	440
2719	SEP18	CCL		4329	4163	4500	4147	-171	16
2720	SEP18	CCL	3308.34	4511	4436	4490	4053	21	383
2721	SEP18	CCL		3855	3645	4690	4210	-835	-565
2722	SEP18	CCL	3455.22	4387	4228	4640	4152	-253	76
2723	SEP18	CCL	3423.91	4341	4119	4090	3731	251	388
2724	SEP18	CCL	3507.91	4469	4365	4200	3674	269	691
2725	SEP18	CCL		4404	4254	4490	4073	-86	181
2726	SEP18	CCL	3446.12	4302	4013	4550	4046	-248	-33
2727	SEP18	CCL		4241	4026	4470	4167	-229	-141
2728	SEP18	CCL	3408.31	4254	4011	5490	5001	-1236	-991
2729	SEP18	CCL	3314.01	4280	4032	4640	4116	-360	-84
2730	SEP18	CCL	3372.11	3855	3645	4730	4301	-875	-656
2731	SEP18	CCL		4140	3901	4510	4192	-370	-291
2732	SEP18	CCL	3298.35	4322	4038	4610	4336	-288	-298
2733	SEP18	CCL	3197.11	4238	4011	4910	4661	-672	-650
2734	SEP18	CCL		4429	4240	4900	4694	-471	-454

2735	SEP18	CCL	3497.21	4306	3988	5080	4296	-774	-308
2736	SEP18	CCL		4037	3773	4270	3741	-233	32
2737	SEP18	CCL	3426.31	4548	4288	4230	3898	318	390
2738	SEP18	CCL		4576	4309	4070	3924	506	385
2739	SEP18	CCL	3275.32	4860	4795	4600	4250	260	545
2740	SEP18	CCL		4732	4455	4730	4466	2	-10
2741	SEP18	CCL	3384.02	4715	4611	4530	4101	185	510
2742	SEP18	CCL	2876.12	4648	4560	4750	4473	-102	88
2743	SEP18	CCL	573.3	4276	4015	4750	4444	-474	-429
2744	SEP18	CCL	3784.51	4250	3911	4020	3740	230	171
2745	SEP18	CCL		3964	3708	3910	3617	54	91
2746	SEP18	CCL	3540.81	4065	3838	4600	3986	-535	-148
2747	SEP18	CCL	2816.21	4647	4438	4620	4282	27	155
2748	SEP18	CCL	556.7	4330	4089	4600	4300	-270	-211
2749	SEP18	CCL	3358.41	4498	4335	4620	4338	-122	-2
2750	SEP18	CCL	3373.01	4686	4516	4550	4125	136	391
2751	SEP18	CCL	3503.61	4691	4505	4520	4115	171	390
2752	SEP18	CCL	3518.11	4099	3902	4620	4298	-521	-396
2753	SEP18	CCL		4378	4140	4610	4224	-232	-83
2754	SEP18	CCL	2900.71	4561	4366	4660	4306	-99	60
2755	SEP18	CCL		4684	4427	4330	3969	354	458
2756	SEP18	CCL	3353.62	4619	4372	4390	3930	229	442
2757	SEP18	CCL	3531.11	4373	4116	4160	3643	213	472
2758	SEP18	CCL		3568	3291	3760	3523	-192	-232
2759	SEP18	CCL	3215.16	4235	4011	4330	4054	-95	-43
2760	SEP18	CCL	3486.41	4677	4406	4330	3923	347	483
2761	SEP18	CCL	3446.91	4273	4114	4250	3696	23	418
2762	SEP18	CCL		4232	4037	4270	3694	-38	343
2763	SEP18	CCL	3465.01	4674	4477	4030	3638	644	839
2764	SEP18	CCL	3566.08	3446	3165	3820	3524	-374	-359
2765	SEP18	CCL	3332.42	4041	3844	3900	3574	141	270
2766	SEP18	CCL		3955	3692	3910	3438	45	253
2767	SEP18	CCL	3421.42	3924	3634	4430	4099	-506	-465
2768	SEP18	CCL		4162	3897	3720	3259	442	637
2769	SEP18	CCL	3391.22	4655	4421	3540	3032	1115	1389
2770	SEP18	CCL	2848.61	4594	4422	3780	3273	814	1149
2771	SEP18	CCL	578	4486	4343	3220	2780	1266	1563
2772	SEP18	CCL	3537.91	3864	3564	3850	3414	14	150
2773	SEP18	CCL	3445.22	4836	4618	4290	3813	546	805
2774	SEP18	CCL		4520	4252	3990	3632	530	620
2775	SEP18	CCL	3546.41	4649	4429	4050	3602	599	827
2776	SEP18	CCL	3467.22	4541	4243	4460	3999	81	243
2777	SEP18	CCL		4507	4246	4280	3760	227	486
2778	SEP18	CCL	3281.65	4821	4526	4670	4184	151	341
2779	SEP18	CCL	3464.72	5048	4756	4510	4076	538	680
2780	SEP18	CCL		4958	4708	4510	3898	448	810
2781	SEP18	CCL	3428.62	4676	4573	4500	4129	176	444

2782	SEP18	CCL	3503.51	4527	4344	4340	3861	187	483
2783	SEP18	CCL		4471	4211	3930	3627	541	585
2784	SEP18	CCL	3535.31	4419	4182	3970	3505	449	677
2785	SEP18	CCL		4524	4243	4060	3710	464	533
2786	SEP18	CCL	3479.51	4480	4187	4260	3799	220	388
2787	SEP18	CCL	3464.63	4643	4314	4100	3781	543	533
2788	SEP18	CCL	3437.43	4697	4424	4320	3868	377	556
2789	SEP18	CCL	3601.31	4975	4735	4350	4104	625	631
2790	SEP18	CCL		4466	4149	4320	3859	146	290
2791	SEP18	CCL	3758.31	3332	3097	4280	4034	-948	-937
2792	SEP18	CCL		4368	3901	3870	3425	498	476
2793	SEP18	CCL	3529.22	4873	4711	4440	4077	433	634
2794	SEP18	CCL		4787	4549	4450	4139	337	410
2795	SEP18	CCL	3405.33	4728	4514	4090	3744	638	770
2796	SEP18	CCL		4831	4559	4090	3770	741	789
2797	SEP18	ECL	2215.4	6160	5871	4170	3758	1990	2114
2798	SEP18	ECL	396.78	6190	5619	4430	3954	1760	1665
2799	SEP18	ECL	456.75	6200	5871	4020	3626	2180	2245
2800	SEP18	ECL	1315.7	5740	5209	5580	5052	160	157
2801	SEP18	ECL	479.72	6010	5662	4790	4329	1220	1333
2802	SEP18	ECL	1064.52	5540	5073	5710	5054	-170	20
2803	SEP18	ECL	705.64	5690	5333	5200	4522	490	811
2804	SEP18	ECL	515.34	5750	5458	5290	4627	460	831
2805	SEP18	ECL	935.79	3600	3250	3300	2851	300	399
2806	SEP18	ECL	1220.98	4470	4137	4620	4140	-150	-3
2807	SEP18	ECL	650.07	4960	4504	5680	5148	-720	-644
2808	SEP18	ECL	683.86	4590	4317	4560	3959	30	357
2809	SEP18	ECL	891.6	5830	5384	5150	4528	680	857
2810	SEP18	ECL	528.96	5930	5524	5800	5199	130	324
2811	SEP18	ECL	1451.11	5500	5165	4450	3822	1050	1343
2812	SEP18	ECL	505.05	5640	5284	5260	4555	380	729
2813	SEP18	ECL	819.39	5520	5105	5630	4884	-110	221
2814	SEP18	ECL	1338.2	3290	3110	4480	4150	-1190	-1040
2815	SEP18	ECL	1116.94	2810	2656	3940	3781	-1130	-1125
2816	SEP18	ECL	1302.22	3040	2862	4240	4087	-1200	-1226
2817	SEP18	ECL	3121.83	6220	5869	5470	4919	750	950
2818	SEP18	ECL	260.82	6020	5752	4820	4360	1200	1392
2819	SEP18	ECL	264.44	6210	5759	5010	4505	1200	1254
2820	SEP18	ECL	266.74	6100	5460	4720	4186	1380	1274
2821	SEP18	ECL	876.18	5820	5419	5110	4679	710	739
2822	SEP18	ECL	475.82	5980	5621	5980	5596	0	25
2823	SEP18	ECL	1491.56	5580	5225	5370	4981	210	244
2824	SEP18	ECL	263.58	5620	5321	5110	4620	510	701
2825	SEP18	ECL	776.96	5710	5461	4270	3822	1440	1640
2826	SEP18	ECL	669.65	6190	5572	4210	3715	1980	1857
2827	SEP18	ECL	917.2	6170	5494	4640	4180	1530	1314
2828	SEP18	ECL	1963.84	6090	5530	5180	4699	910	831

2829	SEP18	ECL	253.26	6170	5749	5310	4843	860	906
2830	SEP18	ECL	2530.65	5470	5011	4040	3700	1430	1312
2831	SEP18	ECL	1140.42	4640	4329	4140	3886	500	443
2832	SEP18	ECL	819.42	4480	4124	4920	4219	-440	-95
2833	SEP18	ECL	535.09	5070	4686	4380	4123	690	563
2834	SEP18	ECL	270.5	5390	5055	4910	4311	480	744
2835	SEP18	ECL	2773.11	5210	4970	4950	4522	260	448
2836	SEP18	ECL	1303.7	4320	3957	4210	3691	110	266
2837	SEP18	ECL	1347.8	3150	2938	3900	3663	-750	-725
2838	SEP18	ECL	1297	5670	5333	4010	3923	1660	1410
2839	SEP18	ECL	3740.5	2740	2467	2270	1944	470	523
2840	SEP18	ECL	755.57	4160	3750	4500	4358	-340	-608
2841	SEP18	ECL	961.26	3890	3601	4610	4305	-720	-703
2842	SEP18	ECL	1582.52	3610	3291	4350	4166	-740	-875
2843	SEP18	ECL	1206.06	5750	5117	4410	4092	1340	1025
2844	SEP18	ECL	667.59	6220	5856	4900	4561	1320	1296
2845	SEP18	ECL	1367.06	3940	3707	4320	3828	-380	-121
2846	SEP18	ECL	984.82	6040	5587	4210	3866	1830	1721
2847	SEP18	ECL	1042.79	4090	3805	4100	3753	-10	52
2848	SEP18	ECL	1009.3	5130	4894	2930	2616	2200	2278
2849	SEP18	ECL	623.95	4860	4563	5510	5026	-650	-462
2850	SEP18	ECL	1192.58	4840	4529	4610	4284	230	246
2851	SEP18	ECL	461.54	6280	5970	4260	4053	2020	1917
2852	SEP18	ECL	522.46	6220	5602	4250	3919	1970	1683
2853	SEP18	ECL	2923.91	6170	5846	5110	4650	1060	1195
2854	SEP18	ECL	3546.91	3630	3340	3040	2729	590	610
2855	SEP18	ECL	2510.01	5490	5078	4620	4428	870	649
2856	SEP18	ECL	1030.03	4530	4165	4560	4356	-30	-191
2857	SEP18	ECL	473.23	6080	5686	4160	3822	1920	1865
2858	SEP18	ECL	803.68	6260	5881	4200	3806	2060	2076
2859	SEP18	ECL	593.65	6210	5963	3990	3553	2220	2410
2860	SEP18	ECL	1934.89	6250	5787	3920	3564	2330	2223
2861	SEP18	ECL	539.3	6280	5751	4430	4186	1850	1565
2862	SEP18	ECL	813.22	6090	5658	4490	4235	1600	1423
2863	SEP18	ECL	337.6	6330	5845	4500	4119	1830	1726
2864	SEP18	ECL	2218.29	6330	5777	4750	4427	1580	1350
2865	SEP18	ECL	1325.8	5320	4939	4800	4299	520	639
2866	SEP18	ECL	2473.73	4340	4093	3850	3549	490	543
2867	SEP18	ECL	2112	4630	4235	3510	3394	1120	841
2868	SEP18	ECL	1026	4730	4278	3620	3210	1110	1068
2869	SEP18	ECL	811	4890	4522	4970	4586	-80	-64
2870	SEP18	ECL	1823.83	5070	4684	3610	3397	1460	1286
2871	SEP18	ECL	1281.46	4830	4476	4120	3664	710	813
2872	SEP18	ECL	498.11	4710	4327	3620	3298	1090	1029
2873	SEP18	ECL	1228.96	5100	4643	5200	4825	-100	-181
2874	SEP18	ECL	2554.44	4490	4192	4050	3637	440	554
2875	SEP18	ECL	481	6030	5572	3950	3557	2080	2015

2876	SEP18	ECL	1641.4	6010	5762	3710	3482	2300	2280
2877	SEP18	ECL	338.5	6090	5590	5300	4943	790	647
2878	SEP18	ECL	1435.52	6190	5827	5760	5260	430	567
2879	SEP18	BCCL	1567.7	5830	5701	3530	3579	2300	2121
2880	SEP18	BCCL	1925.2	5460	5405	4730	4600	730	805
2881	SEP18	BCCL	386.7	5090	5059	4710	4541	380	518
2882	SEP18	BCCL	3572.34	5650	5347	4050	3859	1600	1488
2883	SEP18	BCCL	3320.54	5510	5316	3760	3626	1750	1690
2884	SEP18	BCCL	3754.27	5360	5225	4760	4563	600	662
2885	SEP18	BCCL	3541.7	5420	5201	4160	4067	1260	1134
2886	SEP18	BCCL	3541.7	5660	5426	4390	4278	1270	1148
2887	OCT18	CCL	3340.64	4216	4013	4190	3902	26	111
2888	OCT18	CCL		4447	4217	4060	3692	387	525
2889	OCT18	CCL	3558.01	4492	4303	4170	3668	322	635
2890	OCT18	CCL		4145	3878	3840	3330	305	547
2891	OCT18	CCL	3395.93	4597	4306	4360	3848	237	458
2892	OCT18	CCL		4337	4043	3930	3469	407	574
2893	OCT18	CCL	3365.07	4504	4171	4520	4051	-16	120
2894	OCT18	CCL	3442.44	4724	4556	4620	4179	104	377
2895	OCT18	CCL	3482.03	4528	4270	4470	4022	58	248
2896	OCT18	CCL	3367.34	5005	4702	4440	3955	565	747
2897	OCT18	CCL	3303.25	4973	4644	4160	3813	813	832
2898	OCT18	CCL	3487.81	4969	4710	4320	3686	649	1024
2899	OCT18	CCL		4942	4784	4460	4074	482	710
2900	OCT18	CCL	3390.43	4935	4771	3990	3643	945	1128
2901	OCT18	CCL	3597.92	4546	4345	4270	3848	276	497
2902	OCT18	CCL	3630.03	4741	4562	5260	4809	-519	-247
2903	OCT18	CCL	3625.21	4966	4751	4190	3704	776	1047
2904	OCT18	CCL	3457.14	4898	4637	4090	3725	808	912
2905	OCT18	CCL		4857	4568	4490	4213	367	354
2906	OCT18	CCL	3470.43	4590	4352	4160	3798	430	554
2907	OCT18	CCL	3508.94	3662	3474	4170	3686	-508	-212
2908	OCT18	CCL	3545.01	4725	4683	4280	4025	445	658
2909	OCT18	CCL		4896	4610	4020	3649	876	962
2910	OCT18	CCL	3598.81	4382	4119	4000	3649	382	470
2911	OCT18	CCL		4607	4380	3970	3496	637	883
2912	OCT18	CCL	3660.42	3370	2999	4520	4012	-1150	-1013
2913	OCT18	CCL	3776.41	4521	4348	4140	3769	381	579
2914	OCT18	CCL	3298.76	4094	3809	3600	3184	494	625
2915	OCT18	CCL	3628.22	4302	4086	3690	3313	612	773
2916	OCT18	CCL	3882.21	4234	3886	4030	3754	204	132
2917	OCT18	CCL		3792	3421	3590	3053	202	367
2918	OCT18	CCL		4069	3675	3850	3494	219	181
2919	OCT18	CCL	3666.61	3002	2871	3950	3736	-948	-865
2920	OCT18	CCL	3454.95	4406	4170	4260	3717	146	453
2921	OCT18	CCL	3465.53	4065	3821	4290	3869	-225	-48
2922	OCT18	CCL		4153	3869	4040	3747	113	121

2923	OCT18	CCL	3415.34	4184	3982	4220	3866	-36	115
2924	OCT18	CCL		3754	3622	3700	3498	54	125
2925	OCT18	CCL	3291.15	4580	4375	3680	3259	900	1116
2926	OCT18	CCL	3433.14	4709	4563	4020	3641	689	923
2927	OCT18	CCL		4291	4065	3930	3509	361	555
2928	OCT18	CCL	3458.52	4397	4213	4180	3698	217	515
2929	OCT18	CCL		3855	3542	3570	3260	285	282
2930	OCT18	CCL	3784.43	3977	3718	4040	3874	-63	-156
2931	OCT18	CCL		3664	3256	3840	3385	-176	-129
2932	OCT18	CCL	3516.03	4396	4119	4000	3670	396	449
2933	OCT18	CCL	3831.41	4206	4023	4150	3910	56	113
2934	OCT18	CCL		3698	3372	3510	3103	188	268
2935	OCT18	CCL	3507.92	4471	4092	4220	3727	251	364
2936	OCT18	CCL		4074	3857	4130	3927	-56	-70
2937	OCT18	CCL	3596.21	4287	4073	4280	3731	7	342
2938	OCT18	CCL		4114	3890	4120	3616	-6	274
2939	OCT18	CCL	3345.95	4197	4040	4160	3895	37	146
2940	OCT18	CCL	3614.11	4153	3989	4110	3825	43	163
2941	OCT18	CCL	3648.71	4273	4098	4300	3893	-27	205
2942	OCT18	CCL	3478.05	4162	3925	4450	4067	-288	-142
2943	OCT18	CCL		4225	3971	4220	3866	5	105
2944	OCT18	CCL	3450.45	4322	3947	3900	3583	422	364
2945	OCT18	CCL		4225	3961	4200	3820	25	141
2946	OCT18	CCL	3886.37	4126	3892	3940	3616	186	276
2947	OCT18	CCL	3347.51	4592	4561	4590	4424	2	138
2948	OCT18	CCL		3910	3552	3900	3616	10	-64
2949	OCT18	CCL	3353.15	4901	4568	4240	3758	661	810
2950	OCT18	CCL		4786	4425	4090	3763	696	662
2951	OCT18	CCL	3640.01	4570	4329	3920	3406	650	923
2952	OCT18	CCL	3829.3	4735	4573	4220	3883	515	690
2953	OCT18	CCL	3450.81	4468	4291	4170	3774	298	518
2954	OCT18	CCL	3518.32	5065	4716	4330	4031	735	685
2955	OCT18	CCL	3730.91	3915	3609	4120	3604	-205	5
2956	OCT18	CCL		4111	3742	4000	3796	111	-54
2957	OCT18	CCL	3208.95	4779	4486	4440	3973	339	513
2958	OCT18	CCL	3112.87	4818	4595	4410	3993	408	602
2959	OCT18	CCL	3464.84	4547	4285	3940	3634	607	651
2960	OCT18	CCL		4141	3953	4170	3787	-29	167
2961	OCT18	CCL	3548.23	4117	3864	4300	3807	-183	56
2962	OCT18	CCL		4316	4082	4630	4228	-314	-147
2963	OCT18	CCL	3443.71	5130	5009	4810	4068	320	941
2964	OCT18	CCL		3686	3430	5140	4648	-1454	-1218
2965	OCT18	CCL	3543.51	3734	3375	4130	3936	-396	-561
2966	OCT18	CCL		4451	4157	4360	4042	91	115
2967	OCT18	CCL	3463.11	4912	4709	4630	3957	282	752
2968	OCT18	CCL	3428.41	4593	4310	4220	3895	373	415
2969	OCT18	CCL		4307	3985	3810	3230	497	756

2970	OCT18	CCL	3586.41	4721	4582	4460	3954	261	628
2971	OCT18	CCL	3575.91	4526	4246	4240	3653	286	593
2972	OCT18	CCL	3651.71	4084	3902	4330	3850	-246	52
2973	OCT18	CCL		4418	4258	4160	3820	258	438
2974	OCT18	CCL	3491.33	4474	4168	3920	3572	554	596
2975	OCT18	CCL		3968	3757	4160	3741	-192	16
2976	OCT18	CCL	3477.82	4241	4075	4510	4087	-269	-12
2977	OCT18	CCL	3619.11	4303	4093	4560	4125	-257	-31
2978	OCT18	CCL	3210.97	4169	3992	4370	4017	-201	-25
2979	OCT18	CCL		4271	4127	4360	3963	-89	164
2980	OCT18	CCL	3485.34	4693	4509	4220	3766	473	743
2981	OCT18	CCL	3838.96	3793	3507	3930	3426	-137	81
2982	OCT18	CCL		3592	3261	3970	3468	-378	-207
2983	OCT18	CCL	3536.11	4399	4404	3760	3445	639	959
2984	OCT18	CCL	3487.04	4303	4067	3850	3501	453	566
2985	OCT18	CCL		4478	4300	4060	3648	418	652
2986	OCT18	CCL	3667.21	4411	4208	3950	3619	461	589
2987	OCT18	CCL	3719.67	5076	4874	4690	4150	386	724
2988	OCT18	CCL	3391.24	4897	4658	4400	3894	497	764
2989	OCT18	CCL		4836	4602	4510	4108	326	494
2990	OCT18	CCL	3490.71	4687	4479	4320	3955	367	525
2991	OCT18	CCL	3439.52	4910	4686	3370	3041	1540	1645
2992	OCT18	CCL	3602.31	5121	5104	4180	3860	941	1244
2993	OCT18	CCL	3632.74	4211	3930	4480	4234	-269	-304
2994	OCT18	CCL		3960	3704	4620	4248	-660	-544
2995	OCT18	CCL	3352.83	4910	4767	4310	3902	600	865
2996	OCT18	CCL	3916	5107	4975	4440	4061	667	915
2997	OCT18	CCL		4856	4689	4320	3922	536	767
2998	OCT18	CCL	3894.4	5010	4965	4390	4081	620	884
2999	OCT18	CCL		4880	4820	4020	3735	860	1085
3000	OCT18	CCL	3337.52	4777	4627	4390	3812	387	815
3001	OCT18	CCL	3842.31	4210	3902	4260	3956	-50	-54
3002	OCT18	CCL	3172.04	4718	4465	4630	4245	88	220
3003	OCT18	CCL	3405.81	4599	4542	4140	3788	459	754
3004	OCT18	CCL	3389.11	4713	4544	4460	4053	253	491
3005	OCT18	CCL		4775	4625	4460	3926	315	699
3006	OCT18	CCL	3498.11	3693	3379	3690	3370	3	9
3007	OCT18	CCL	3131.14	4915	4800	4390	3872	525	928
3008	OCT18	CCL	3506.31	4521	4445	4300	3896	221	549
3009	OCT18	CCL	3716.01	4429	4141	4450	4237	-21	-96
3010	OCT18	CCL		4132	3910	3900	3476	232	434
3011	OCT18	CCL	3443.07	4641	4528	4070	3688	571	839
3012	OCT18	CCL	3485.11	4712	4529	3980	3698	732	830
3013	OCT18	CCL	3413.01	4397	4208	4390	3963	7	245
3014	OCT18	CCL	3391.82	5099	4897	4320	3869	779	1027
3015	OCT18	CCL	3871	3950	3618	4160	3853	-210	-235
3016	OCT18	CCL		4045	3662	3840	3415	205	248

3017	OCT18	CCL	3977.8	4944	4699	4610	4366	334	332
3018	OCT18	CCL	3587.82	4306	4144	4120	3722	186	421
3019	OCT18	CCL		4031	3854	3930	3468	101	386
3020	OCT18	CCL	4021	3878	3548	4150	3690	-272	-142
3021	OCT18	CCL	3336.86	4388	4186	4150	3809	238	377
3022	OCT18	CCL	3624.31	4260	4041	3950	3540	310	501
3023	OCT18	CCL	3480.12	4179	3952	4040	3668	139	284
3024	OCT18	CCL	3572.83	4258	3962	4010	3534	248	428
3025	OCT18	CCL	3420.92	4159	3827	3990	3707	169	121
3026	OCT18	CCL	3600.71	4338	4054	4310	3980	28	74
3027	OCT18	CCL	3669.12	4177	3864	4050	3639	127	224
3028	OCT18	CCL	3442.64	4528	4297	4180	3645	348	653
3029	OCT18	CCL		4485	4242	4550	4268	-65	-26
3030	OCT18	CCL	3605.63	3809	3515	4530	4202	-721	-687
3031	OCT18	ECL	1847.8	6140	5915	4660	4289	1480	1626
3032	OCT18	ECL	1651.4	6220	5697	4460	4248	1760	1449
3033	OCT18	ECL	479.1	6090	5834	4590	4257	1500	1577
3034	OCT18	ECL	612.98	2720	2567	4140	3853	-1420	-1286
3035	OCT18	ECL	909.18	3840	3546	4410	4226	-570	-680
3036	OCT18	ECL	977.39	4420	4002	3900	3630	520	372
3037	OCT18	ECL	1189.76	3900	3615	4190	3930	-290	-315
3038	OCT18	ECL	549.3	6180	5667	4740	4483	1440	1185
3039	OCT18	ECL	1433.5	6110	5819	4510	4175	1600	1644
3040	OCT18	ECL	1917.5	6070	5553	5110	4738	960	814
3041	OCT18	ECL	557.3	3040	2796	3980	3648	-940	-852
3042	OCT18	ECL	1002	3790	3549	4310	3985	-520	-435
3043	OCT18	ECL	1018.2	3570	3335	4260	3935	-690	-600
3044	OCT18	ECL	969.7	2540	2349	3850	3661	-1310	-1312
3045	OCT18	ECL	868.46	5340	5079	5700	5227	-360	-147
3046	OCT18	ECL	218.3	5470	5235	5620	5296	-150	-61
3047	OCT18	ECL	871.14	6470	6102	5630	5171	840	932
3048	OCT18	ECL	1995.24	5650	5474	5690	5281	-40	193
3049	OCT18	ECL	559.3	5330	4955	5630	5198	-300	-243
3050	OCT18	ECL	806.1	5820	5631	4240	3849	1580	1782
3051	OCT18	ECL	504.8	6460	6185	5790	5400	670	785
3052	OCT18	ECL	1245.1	5990	5684	5610	5178	380	506
3053	OCT18	ECL	231.5	5570	5370	4730	4250	840	1120
3054	OCT18	ECL	718.6	5540	5341	4360	3927	1180	1415
3055	OCT18	ECL	325	4780	4502	4260	3756	520	745
3056	OCT18	ECL	1706.12	4310	4064	4150	3800	160	264
3057	OCT18	ECL	1819.03	5220	4918	4820	4546	400	371
3058	OCT18	ECL	513.62	5580	5309	4150	3942	1430	1367
3059	OCT18	ECL	1570.11	5560	5308	4050	3870	1510	1438
3060	OCT18	ECL	1641.81	5570	5288	5270	5125	300	163
3061	OCT18	ECL	3141.34	5230	5098	5540	5335	-310	-238
3062	OCT18	ECL	379.07	4710	4292	4400	4105	310	187
3063	OCT18	ECL	547.2	5830	5625	4510	4207	1320	1417

3064	OCT18	ECL	1295.4	5930	5507	4860	4598	1070	910
3065	OCT18	ECL	1771.7	5740	5456	5010	4540	730	916
3066	OCT18	ECL	500.1	5910	5704	5120	4667	790	1037
3067	OCT18	ECL	1595.2	5990	5807	4620	4244	1370	1564
3068	OCT18	ECL	1602.6	6010	5853	5710	5258	300	595
3069	OCT18	ECL	3607.31	4640	4452	4280	3982	360	470
3070	OCT18	ECL	67.67	4210	3824	5210	5011	-1000	-1186
3071	OCT18	ECL	3525.14	5410	5003	4440	4241	970	762
3072	OCT18	ECL	1505.83	5430	5258	4170	3983	1260	1275
3073	OCT18	ECL	447.52	5840	5815	5110	4900	730	914
3074	OCT18	ECL	764.5	4660	4442	5520	5320	-860	-878
3075	OCT18	ECL	1099.88	6030	5675	5710	5497	320	178
3076	OCT18	ECL	527.85	5330	5134	3760	3522	1570	1612
3077	OCT18	ECL	1326.53	5430	5272	4580	4293	850	979
3078	OCT18	ECL	2064.1	5320	5199	5540	5037	-220	162
3079	OCT18	ECL	2304.31	5140	4985	4480	4076	660	909
3080	OCT18	ECL	1567.66	5410	5264	4900	4546	510	717
3081	OCT18	ECL	2388.26	5830	5640	3940	3595	1890	2045
3082	OCT18	ECL	1402.8	5900	5650	3980	3614	1920	2035
3083	OCT18	ECL	843.59	4990	4747	2870	2657	2120	2090
3084	OCT18	ECL	1454.64	5570	5061	3540	3211	2030	1850
3085	OCT18	ECL	982.35	5740	5468	5290	4993	450	475
3086	OCT18	ECL	380.94	5580	5344	5260	5004	320	340
3087	OCT18	ECL	1691.42	5830	5615	4280	3906	1550	1710
3088	OCT18	ECL	651.7	5960	5664	4110	3764	1850	1900
3089	OCT18	ECL	1506.06	5760	5515	4070	3684	1690	1831
3090	OCT18	ECL	1045.33	6040	5922	4360	4094	1680	1827
3091	OCT18	ECL	1301.7	5090	4732	4310	3829	780	904
3092	OCT18	ECL	1503.53	6170	5779	4200	3884	1970	1895
3093	OCT18	ECL	987.6	5850	5760	4030	3826	1820	1934
3094	OCT18	ECL	1321.4	6030	5803	4620	4313	1410	1490
3095	OCT18	ECL	1520.53	6090	5847	3930	3618	2160	2229
3096	OCT18	ECL	2635.4	4200	3763	3910	3889	290	-126
3097	OCT18	ECL	976.11	4610	4292	3830	3731	780	561
3098	OCT18	ECL	1928.01	5890	5588	4130	3657	1760	1931
3099	OCT18	ECL	1059.02	5800	5524	3920	3958	1880	1566
3100	OCT18	ECL	1465.92	5870	5589	4030	3802	1840	1787
3101	OCT18	ECL	1008.34	5980	5772	4490	4096	1490	1675
3102	OCT18	ECL	1431.45	5620	5414	4250	3747	1370	1667
3103	OCT18	ECL	1343.21	5890	5762	3470	3306	2420	2456
3104	OCT18	ECL	1298.9	6000	5597	4920	4445	1080	1152
3105	OCT18	ECL	1364.6	5920	5605	4890	4519	1030	1086
3106	OCT18	ECL	1234.2	6000	5740	4670	4443	1330	1297
3107	NOV18	CCL	3627.23	4002	3708	3470	3059	532	650
3108	NOV18	CCL	3586.23	4330	4257	3360	3102	970	1154
3109	NOV18	CCL	2837.22	4410	4161	3820	3467	590	693
3110	NOV18	CCL		4309	4052	4090	3639	219	413

3111	NOV18	CCL	3619.71	4028	3757	4050	3727	-22	30
3112	NOV18	CCL		3958	3748	4230	3805	-272	-56
3113	NOV18	CCL	3842.8	4409	4200	3210	3103	1199	1097
3114	NOV18	CCL		4436	4251	4080	3861	356	389
3115	NOV18	CCL	3394.83	4294	4006	3760	3458	534	548
3116	NOV18	CCL		4153	3874	3910	3529	243	345
3117	NOV18	CCL	4011.4	4676	4419	4310	3980	366	439
3118	NOV18	CCL		4309	4006	3230	3002	1079	1004
3119	NOV18	CCL	3423.54	4616	4312	4180	3738	436	574
3120	NOV18	CCL	3494.33	4864	4626	4230	3661	634	965
3121	NOV18	CCL	3437.97	4693	4411	4080	3859	613	552
3122	NOV18	CCL	4014.2	4350	4120	3990	3802	360	318
3123	NOV18	CCL	3541.91	4041	3812	3800	3278	241	534
3124	NOV18	CCL	3797.8	4614	4422	4130	3961	484	461
3125	NOV18	CCL	3154.07	3988	3779	4050	3563	-62	216
3126	NOV18	CCL		4176	3970	4320	3838	-144	132
3127	NOV18	CCL	3515.1	4127	3907	3960	3494	167	413
3128	NOV18	CCL	3835	4074	3895	3910	3599	164	296
3129	NOV18	CCL	3310.8	4496	4283	4040	3730	456	552
3130	NOV18	CCL		4421	4163	4060	3725	361	437
3131	NOV18	CCL	3385.75	4770	4469	4150	3739	620	730
3132	NOV18	CCL	3649.36	4398	4143	3990	3673	408	470
3133	NOV18	CCL	3440.51	4380	4233	4260	3869	120	364
3134	NOV18	CCL	3396.02	4444	4304	4080	3715	364	589
3135	NOV18	CCL	3493.41	4400	4286	4540	4211	-140	75
3136	NOV18	CCL	3235.74	4219	4214	4170	3824	49	390
3137	NOV18	CCL	3361.62	4232	4054	3780	3393	452	660
3138	NOV18	CCL	3850.5	5124	4809	4590	4502	534	307
3139	NOV18	CCL	3298.04	4925	4871	4150	3829	775	1041
3140	NOV18	CCL	3298.04	4603	4386	4150	3829	453	557
3141	NOV18	CCL	3811.23	4589	4349	4500	3994	89	355
3142	NOV18	CCL	3187.07	4199	4041	4620	4230	-421	-189
3143	NOV18	CCL	3137.07	4770	4572	3920	3383	850	1190
3144	NOV18	CCL	3820.1	4509	4321	4610	4154	-101	166
3145	NOV18	CCL	3372.31	4513	4358	4320	3871	193	486
3146	NOV18	CCL		4345	4226	4290	3909	55	316
3147	NOV18	CCL	3439.91	4440	4235	4100	3748	340	487
3148	NOV18	CCL	3320.74	4956	4819	4460	4054	496	765
3149	NOV18	CCL	3261.42	5006	4835	4450	4031	556	804
3150	NOV18	CCL	3750.75	4889	4651	4660	4359	229	292
3151	NOV18	CCL	3844.81	4406	4283	4470	4047	-64	236
3152	NOV18	CCL	3888.51	3435	3161	3790	3447	-355	-286
3153	NOV18	CCL		3660	3436	3610	3310	50	126
3154	NOV18	CCL	3649.21	4729	4607	4750	4298	-21	309
3155	NOV18	CCL	3828.01	3311	3026	4290	3954	-979	-928
3156	NOV18	CCL		3117	2879	4010	3628	-893	-750
3157	NOV18	CCL	3253.55	4496	4303	3940	3618	556	686

3158	NOV18	CCL	3464.12	4559	4438	3970	3684	589	754
3159	NOV18	CCL	3413.43	4535	4339	4680	4112	-145	227
3160	NOV18	CCL	3411.73	4495	4341	4480	3929	15	412
3161	NOV18	CCL	3552.31	4966	4739	4320	3616	646	1122
3162	NOV18	CCL	3081.49	4735	4449	4040	3485	695	964
3163	NOV18	CCL	3725.21	4536	4351	4330	3682	206	670
3164	NOV18	CCL		4584	4413	4360	3841	224	572
3165	NOV18	CCL	3232.54	4916	4833	5250	4713	-334	120
3166	NOV18	CCL	3372.85	4395	4273	4020	3666	375	606
3167	NOV18	CCL		4218	4032	4910	4529	-692	-497
3168	NOV18	CCL	3485.41	4858	4577	4770	4217	88	360
3169	NOV18	CCL	3401.43	4356	4220	4000	3611	356	609
3170	NOV18	CCL	3435.01	4562	4460	4380	3917	182	542
3171	NOV18	CCL	3989.9	4121	3917	4460	4012	-339	-96
3172	NOV18	CCL		3789	3582	5240	4880	-1451	-1298
3173	NOV18	CCL	3553.46	4644	4576	4010	3604	634	972
3174	NOV18	CCL	3992.2	4415	4331	4270	3958	145	373
3175	NOV18	CCL	3467.16	4627	4447	4260	4019	367	428
3176	NOV18	CCL		4452	4349	4180	3742	272	606
3177	NOV18	CCL	3480.42	4761	4602	4800	4437	-39	165
3178	NOV18	CCL	3496.83	4288	4133	4090	3658	198	475
3179	NOV18	CCL	3854.59	4957	4622	4960	4226	-3	395
3180	NOV18	CCL	3637.51	4365	4283	4550	3985	-185	298
3181	NOV18	CCL	3502.42	4239	4126	4210	3739	29	387
3182	NOV18	CCL		4102	3997	4510	3941	-408	56
3183	NOV18	CCL	3692.81	4661	4463	4480	3988	181	475
3184	NOV18	CCL	3627.14	5081	4956	4820	4252	261	703
3185	NOV18	CCL	3816.61	5068	4857	4280	3776	788	1081
3186	NOV18	CCL		5214	5086	4070	3660	1144	1426
3187	NOV18	CCL	3340.55	5081	4890	4010	3684	1071	1206
3188	NOV18	CCL	3239.7	5242	5068	4090	3656	1152	1412
3189	NOV18	CCL	3900.5	4884	4764	4210	3767	674	996
3190	NOV18	CCL	3582.02	4699	4621	4740	4146	-41	475
3191	NOV18	CCL	3803	4692	4609	4070	3622	622	987
3192	NOV18	CCL		4592	4486	4100	3747	492	739
3193	NOV18	CCL	3497.73	4681	4470	4150	3679	531	792
3194	NOV18	CCL	3546.11	4103	3806	4230	3640	-127	166
3195	NOV18	CCL		4917	4630	4320	3808	597	822
3196	NOV18	CCL	3509.61	4578	4314	4230	3551	348	762
3197	NOV18	CCL		4680	4395	4140	3712	540	682
3198	NOV18	CCL	3651.44	5108	4997	4270	3855	838	1142
3199	NOV18	CCL	3388.34	4160	3848	4440	4059	-280	-211
3200	NOV18	CCL	3607.31	4576	4248	4340	4012	236	237
3201	NOV18	CCL	3326.46	4910	4801	4500	4115	410	685
3202	NOV18	CCL	3680.12	4800	4632	5110	4806	-310	-174
3203	NOV18	CCL	3494.12	4909	4717	4100	3650	809	1067
3204	NOV18	CCL		4778	4498	4140	3699	638	799

3205	NOV18	CCL	3664.2	4433	4133	4110	3847	323	286
3206	NOV18	CCL		4268	3995	3880	3640	388	355
3207	NOV18	CCL	3519.72	4871	4714	3950	3589	921	1125
3208	NOV18	CCL	3341.94	3912	3691	4430	4122	-518	-431
3209	NOV18	CCL	3706.91	3838	3588	3740	3458	98	130
3210	NOV18	CCL		4059	3806	3840	3559	219	247
3211	NOV18	CCL	3590.11	4130	3999	3260	2947	870	1052
3212	NOV18	CCL	3359.94	4814	4739	4080	3595	734	1144
3213	NOV18	CCL	3408.16	4053	3805	3690	3456	363	349
3214	NOV18	CCL	3299.34	4554	4892	4500	4378	54	515
3215	NOV18	CCL	3589.05	4672	4424	3990	3637	682	787
3216	NOV18	CCL	3358.44	4419	4160	4320	4034	99	126
3217	NOV18	CCL	3389.73	4646	4460	4210	3698	436	762
3218	NOV18	CCL	3633.41	5251	5016	3730	3432	1521	1584
3219	NOV18	CCL	3488.65	5079	4830	3930	3578	1149	1252
3220	NOV18	CCL		4591	4438	3920	3672	671	766
3221	NOV18	CCL	3463.73	5103	4876	3950	3620	1153	1256
3222	NOV18	CCL		4763	4526	3810	3479	953	1046
3223	NOV18	CCL	3732.21	4962	4710	3980	3706	982	1003
3224	NOV18	CCL	3434.13	4644	4628	3800	3416	844	1213
3225	NOV18	CCL	3744.91	4804	4575	3820	3498	984	1077
3226	NOV18	CCL		4737	4522	4010	3653	727	869
3227	NOV18	CCL	3286.57	4504	4334	4330	3979	174	354
3228	NOV18	CCL	3656.62	4701	4456	4130	3816	571	640
3229	NOV18	CCL	1133.42	3670	3325	3580	3384	90	-58
3230	NOV18	CCL	2257.74	3762	3470	3480	3255	282	214
3231	NOV18	CCL	291.45	4547	4423	3940	3709	607	713
3232	NOV18	CCL	3377.45	4536	4235	3690	3202	846	1033
3233	NOV18	CCL	3438.62	4853	4733	4130	3609	723	1124
3234	NOV18	CCL	3588.14	4672	4410	4480	4202	192	208
3235	NOV18	CCL		4667	4453	4020	3743	647	709
3236	NOV18	CCL	3227.77	4744	4457	4580	4239	164	218
3237	NOV18	CCL		4593	4438	4570	4173	23	265
3238	NOV18	CCL	3364.21	4648	4424	3860	3460	788	965
3239	NOV18	CCL		4631	4423	4170	3729	461	694
3240	NOV18	CCL	3154.07	4749	4669	4330	3774	419	895
3241	NOV18	CCL	3705.82	4861	4668	3910	3586	951	1082
3242	NOV18	CCL	3454.52	5054	4825	4020	3575	1034	1250
3243	NOV18	CCL	3922.42	3590	3472	3030	2927	560	545
3244	NOV18	CCL	3717.91	4608	4419	4040	3673	568	746
3245	NOV18	CCL	3285.47	5049	4717	4250	3780	799	937
3246	NOV18	CCL		4863	4568	4170	3709	693	859
3247	NOV18	ECL	3551.54	4650	4372	3670	3519	980	854
3248	NOV18	ECL	1272.88	5890	5455	4300	4058	1590	1397
3249	NOV18	ECL	1342.2	5790	5489	4660	4269	1130	1220
3250	NOV18	ECL	1224	5840	5682	4780	4383	1060	1298
3251	NOV18	ECL	1227.36	3930	3622	3620	3447	310	175

3252	NOV18	ECL	1736.71	4220	3960	4330	3910	-110	50
3253	NOV18	ECL	442.4	4530	4205	3270	2929	1260	1276
3254	NOV18	ECL	451.2	4120	3786	3580	3211	540	575
3255	NOV18	ECL	328.8	4000	3733	3520	3265	480	467
3256	NOV18	ECL	1880.5	4260	4012	4920	4643	-660	-632
3257	NOV18	ECL	690.3	4240	3983	3740	3471	500	513
3258	NOV18	ECL	1067.5	4690	4429	4060	3737	630	692
3259	NOV18	ECL	3598.56	3990	3754	3350	3120	640	634
3260	NOV18	ECL	664.39	5720	5539	4530	4170	1190	1370
3261	NOV18	ECL	2192	5990	5820	4510	4186	1480	1634
3262	NOV18	ECL	996.52	5740	5571	4140	3762	1600	1810
3263	NOV18	ECL	2465.23	4100	3926	4120	3728	-20	198
3264	NOV18	ECL	1658.25	3550	3385	3660	3465	-110	-80
3265	NOV18	ECL	1129.62	4610	4508	4180	3977	430	530
3266	NOV18	ECL	2159	4080	3817	4460	3979	-380	-162
3267	NOV18	ECL	189.04	4320	4174	3950	3594	370	580
3268	NOV18	ECL	1225.5	3560	3412	4320	4087	-760	-674
3269	NOV18	ECL	1252.1	3770	3598	3980	3833	-210	-235
3270	NOV18	ECL	1516	3880	3707	3740	3639	140	68
3271	NOV18	ECL	779.89	6090	5647	4770	4360	1320	1287
3272	NOV18	ECL	1826.4	6010	5647	4830	4412	1180	1234
3273	NOV18	ECL	1332.65	2930	2691	3240	3076	-310	-385
3274	NOV18	ECL	2140.1	3340	3092	4210	3990	-870	-898
3275	NOV18	ECL	1365.7	5820	5611	5190	4872	630	739
3276	NOV18	ECL	1025.5	5990	5794	5120	4752	870	1043
3277	NOV18	ECL	1371.1	6220	5950	4380	4216	1840	1734
3278	NOV18	ECL	1770.83	4650	4316	5420	5196	-770	-880
3279	NOV18	ECL	1684.32	4870	4415	3320	3150	1550	1265
3280	NOV18	ECL	1376	6040	5837	5160	4820	880	1017
3281	NOV18	ECL	2073.9	6080	5837	5220	4641	860	1196
3282	NOV18	ECL	546.5	6100	5606	5080	4451	1020	1155
3283	NOV18	ECL	1652.56	3990	3804	4770	4659	-780	-854
3284	NOV18	ECL	1963.22	3880	3715	4030	3825	-150	-110
3285	NOV18	ECL	1480.5	5750	5390	4400	3733	1350	1657
3286	NOV18	ECL	2371.4	5670	5429	4390	3875	1280	1555
3287	NOV18	ECL	1792.61	5650	5304	3830	3538	1820	1766
3288	NOV18	ECL	797.66	5860	5402	5040	4684	820	718
3289	NOV18	ECL	1200.56	5700	5533	4850	4639	850	894
3290	NOV18	ECL	994.54	5990	5728	4480	4068	1510	1660
3291	NOV18	ECL	1584.3	5920	5629	4020	3607	1900	2022
3292	NOV18	ECL	1315.54	5790	5556	4380	4110	1410	1446
3293	NOV18	ECL	541.4	5400	5295	5000	4749	400	545
3294	NOV18	ECL	2375.8	5070	4945	4450	4143	620	802
3295	NOV18	ECL	1025.4	5240	5149	5070	4783	170	366
3296	NOV18	ECL	3927	3780	3524	4560	4367	-780	-844
3297	NOV18	ECL	3640.81	5060	4903	3020	2838	2040	2064
3298	NOV18	ECL	932.53	2400	2258	3250	3032	-850	-774

3299	NOV18	ECL	1338.96	2760	2605	3060	2859	-300	-254
3300	NOV18	ECL	1679.63	4210	3960	3220	2989	990	972
3301	NOV18	ECL	875.5	5720	5508	4770	4397	950	1111
3302	NOV18	ECL	2420.5	5470	5234	3900	3571	1570	1663
3303	NOV18	ECL	339.6	5700	5367	4430	4146	1270	1221
3304	NOV18	ECL	1331.5	6030	5854	4100	3949	1930	1905
3305	NOV18	ECL	1590.39	6030	5827	4790	4297	1240	1530
3306	NOV18	ECL	905.89	6070	5808	4990	4592	1080	1215
3307	NOV18	ECL	1285.8	6040	5871	4100	3722	1940	2148
3308	NOV18	ECL	1628.3	6130	5991	4210	3790	1920	2201
3309	NOV18	ECL	1028.8	6130	5925	3660	3373	2470	2552
3310	NOV18	ECL	1341.5	6160	5915	4970	4639	1190	1276
3311	NOV18	ECL	1220.3	5930	5686	5060	4757	870	929
3312	NOV18	ECL	1332.36	6140	5903	5260	4891	880	1012
3313	NOV18	ECL	1693.9	5250	4894	4050	3696	1200	1198
3314	NOV18	ECL	1632.4	5030	4798	3660	3280	1370	1518
3315	NOV18	ECL	981.67	5340	4999	3460	3108	1880	1891
3316	NOV18	ECL	1321.05	5450	5229	4480	4023	970	1206
3317	NOV18	ECL	1514.74	5020	4746	4220	3673	800	1073
3318	NOV18	ECL	1153.3	5500	5290	4160	3817	1340	1473
3319	NOV18	ECL	1706.7	5280	4848	3330	2940	1950	1909
3320	NOV18	ECL	1013.5	5390	5081	4350	4138	1040	943
3321	NOV18	ECL	1502.8	5440	5303	2360	2127	3080	3176
3322	NOV18	ECL	1846.8	5400	5300	5140	4801	260	500
3323	NOV18	ECL	477.5	5920	5759	3070	2832	2850	2927
3324	NOV18	ECL	2262.3	4370	4047	3730	3627	640	421
3325	NOV18	ECL	1617.49	5200	5139	3200	2924	2000	2215
3326	NOV18	ECL	268.6	4280	3894	3530	3199	750	695
3327	NOV18	BCCL	3765.64	4600	4498	4500	4308	100	190
3328	NOV18	BCCL	3269.21	4310	4206	3680	3511	630	695
3329	NOV18	BCCL	3452.81	5010	4878	5080	4833	-70	45
3330	NOV18	BCCL	3869.34	5210	5163	4380	4326	830	836
3331	NOV18	BCCL	3639.64	3970	3870	4410	4298	-440	-428
3332	NOV18	BCCL	3407.71	5140	5057	4580	4492	560	565
3333	NOV18	BCCL	3886	5020	4908	4510	4390	510	518
3334	NOV18	BCCL	3757.04	5130	5057	4570	4430	560	627
3335	NOV18	BCCL	3592.87	5520	5409	4920	4735	600	674
3336	DEC18	CCL	3290.43	4988	4655	4440	3935	548	720
3337	DEC18	CCL	3443.94	4470	4252	4330	3859	140	393
3338	DEC18	CCL	3688.28	4838	4599	4250	3759	588	840
3339	DEC18	CCL	3879.5	5124	4865	4310	4023	814	842
3340	DEC18	CCL		4853	4503	4280	4097	573	406
3341	DEC18	CCL	3332.46	4446	4169	4380	4093	66	76
3342	DEC18	CCL	3656.81	4285	4031	4040	3606	245	425
3343	DEC18	CCL	3663.31	4500	4293	4340	4030	160	264
3344	DEC18	CCL	3272.46	4768	4580	4090	3732	678	849
3345	DEC18	CCL	3489.45	4394	4080	4450	4069	-56	12

3346	DEC18	CCL	3648.1	4695	4511	3930	3727	765	785
3347	DEC18	CCL	3719.9	4519	4310	3750	3406	769	904
3348	DEC18	CCL	3438.85	4483	4206	4600	4136	-117	70
3349	DEC18	CCL	3697.42	4985	4778	4530	4111	455	668
3350	DEC18	CCL	3674.02	4325	4175	4190	3884	135	291
3351	DEC18	CCL	3296.16	3996	3772	4620	4286	-624	-514
3352	DEC18	CCL		3773	3618	4860	4427	-1087	-809
3353	DEC18	CCL	3278.95	4433	4109	4570	4115	-137	-6
3354	DEC18	CCL	3315.74	4875	4558	4240	3891	635	667
3355	DEC18	CCL		5059	4913	4250	3906	809	1008
3356	DEC18	CCL	2847.53	4481	4245	4170	3619	311	625
3357	DEC18	CCL	3641.13	4440	4246	4360	3946	80	300
3358	DEC18	CCL	3187.31	5268	5020	4730	4180	538	840
3359	DEC18	CCL	3544.91	5047	4861	4460	3692	587	1169
3360	DEC18	CCL	3571.41	4649	4437	4130	3752	519	685
3361	DEC18	CCL	3500.12	4613	4458	4320	3997	293	461
3362	DEC18	CCL	3478.61	4777	4518	4590	4049	187	469
3363	DEC18	CCL	3619.63	4722	4378	4300	3938	422	440
3364	DEC18	CCL	3357.83	5020	4895	5400	4602	-380	293
3365	DEC18	CCL	3498.71	5010	4925	4020	3632	990	1293
3366	DEC18	CCL	3397.13	4899	4793	3980	3585	919	1208
3367	DEC18	CCL		4932	4766	4170	3731	762	1035
3368	DEC18	CCL	3649.2	4857	4710	3880	3425	977	1284
3369	DEC18	CCL		4841	4662	3780	3427	1061	1235
3370	DEC18	CCL	3398.02	5132	4953	3730	3333	1402	1620
3371	DEC18	CCL	3018.56	5293	5209	4240	3846	1053	1363
3372	DEC18	CCL		5308	5194	4080	3673	1228	1521
3373	DEC18	CCL	3077.97	5144	5016	4030	3508	1114	1508
3374	DEC18	CCL	3252.75	4579	4431	4210	3823	369	608
3375	DEC18	CCL		5370	5266	4420	3913	950	1353
3376	DEC18	CCL	3317.11	5225	5083	4210	3799	1015	1285
3377	DEC18	CCL	2989.48	5214	5090	4430	4133	784	956
3378	DEC18	CCL	3590.9	4924	4710	4410	4028	514	682
3379	DEC18	CCL		4841	4601	4430	4003	411	599
3380	DEC18	CCL	3181.76	4746	4577	3750	3375	996	1203
3381	DEC18	CCL		4527	4341	3800	3420	727	921
3382	DEC18	CCL	3395.56	4965	4695	4340	4002	625	692
3383	DEC18	CCL	3176.26	4696	4503	4110	3742	586	761
3384	DEC18	CCL		4601	4437	4280	3891	321	546
3385	DEC18	CCL	3332.21	4675	4388	4380	3902	295	486
3386	DEC18	CCL	3560.51	4344	4128	4270	3979	74	149
3387	DEC18	CCL	3637.91	4343	4151	4180	3647	163	504
3388	DEC18	CCL		4375	4171	4240	3960	135	210
3389	DEC18	CCL	3472.05	4329	4152	4460	3832	-131	320
3390	DEC18	CCL		4386	4197	4270	3863	116	334
3391	DEC18	CCL	3317.94	4466	4193	3870	3555	596	639
3392	DEC18	CCL	3673.94	4504	4216	4210	3838	294	378

3393	DEC18	CCL	351.13	4498	4286	3630	3259	868	1027
3394	DEC18	CCL	3726.32	4278	4140	3900	3434	378	707
3395	DEC18	CCL		4316	4139	3920	3517	396	621
3396	DEC18	CCL	3591.93	4364	4144	3940	3412	424	732
3397	DEC18	CCL	3609.34	4326	4143	3830	3423	496	720
3398	DEC18	CCL		4307	4116	3590	3114	717	1001
3399	DEC18	CCL	3582.93	4579	4410	3790	3356	789	1054
3400	DEC18	CCL		4560	4432	3580	3185	980	1248
3401	DEC18	CCL	3662.34	4446	4194	4230	3783	216	412
3402	DEC18	CCL	3898.2	4976	4656	5030	4572	-54	84
3403	DEC18	CCL	3601.81	4567	4242	4150	3863	417	379
3404	DEC18	CCL		4575	4299	3820	3492	755	807
3405	DEC18	CCL	3763.7	4632	4377	3990	3650	642	728
3406	DEC18	CCL	3415.31	4746	4547	3660	3241	1086	1306
3407	DEC18	CCL	3280.55	4601	4472	3370	3068	1231	1404
3408	DEC18	CCL	3578.71	5133	4936	3460	3068	1673	1868
3409	DEC18	CCL	3272.84	4670	4462	4240	3836	430	626
3410	DEC18	CCL	3478.11	4665	4442	4010	3492	655	951
3411	DEC18	CCL	3427.34	3812	3563	3760	3244	52	319
3412	DEC18	CCL	3377.13	4381	4164	3660	3167	721	997
3413	DEC18	CCL	3210.3	5077	4940	3740	3184	1337	1756
3414	DEC18	CCL		4611	4483	4470	3784	141	700
3415	DEC18	CCL	3575.05	4684	4395	4490	3971	194	424
3416	DEC18	CCL	3090.46	4504	4268	5000	4224	-496	44
3417	DEC18	CCL	3541.41	4661	4343	4040	3539	621	804
3418	DEC18	CCL	3112.59	4965	4792	4270	3805	695	987
3419	DEC18	CCL		4362	4123	4280	3805	82	318
3420	DEC18	CCL		4186	3918	3490	3056	696	862
3421	DEC18	CCL		4731	4431	4540	3915	191	516
3422	DEC18	CCL		4554	4274	4190	3804	364	470
3423	DEC18	CCL		4521	4225	4110	3477	411	748
3424	DEC18	CCL	3513.21	5079	4880	3930	3439	1149	1441
3425	DEC18	CCL	3704.32	5012	4811	3870	3296	1142	1515
3426	DEC18	CCL	3467.02	4324	4079	4850	4332	-526	-253
3427	DEC18	CCL	3445.84	4303	4017	4120	3846	183	171
3428	DEC18	CCL	3563.67	4390	4080	4670	4026	-280	54
3429	DEC18	CCL	3563.67	4253	3951	3130	2751	1123	1200
3430	DEC18	CCL	3394.73	4356	4074	3810	3458	546	616
3431	DEC18	CCL	3564.05	4080	3827	3820	3380	260	448
3432	DEC18	CCL	3531.41	4049	3778	3760	3370	289	408
3433	DEC18	CCL	3437.93	4067	3837	3980	3541	87	296
3434	DEC18	CCL	3437.93	4214	3982	3720	3308	494	674
3435	DEC18	CCL	3332.34	4114	3790	4030	3663	84	127
3436	DEC18	CCL	3801.01	3694	3415	3670	3227	24	188
3437	DEC18	CCL	3801.01	4246	4036	3860	3626	386	410
3438	DEC18	CCL	3328.56	4036	3699	4130	3730	-94	-31
3439	DEC18	CCL		3875	3639	3870	3582	5	57

3440	DEC18	CCL	3493.61	4802	4543	4550	4030	252	513
3441	DEC18	CCL	4034	4548	4289	3790	3480	758	809
3442	DEC18	CCL	3491.12	4238	3933	3420	2895	818	1038
3443	DEC18	CCL	3491.12	4173	3940	3790	3260	383	680
3444	DEC18	CCL	2653.3	4336	4109	3530	2982	806	1127
3445	DEC18	CCL	1388	4351	4109	4000	3544	351	565
3446	DEC18	CCL	3858.1	4503	4405	4110	3810	393	595
3447	DEC18	CCL		4285	4099	4080	3750	205	350
3448	DEC18	CCL	3605.93	4276	4154	3970	3641	306	513
3449	DEC18	CCL	3523.61	4528	4352	4030	3654	498	698
3450	DEC18	CCL	3523.61	4532	4436	4180	3736	352	701
3451	DEC18	CCL	3328.17	5434	5294	4480	4105	954	1190
3452	DEC18	CCL	3481.84	4110	3939	3810	3486	300	453
3453	DEC18	CCL	3481.84	4149	3985	4190	3883	-41	102
3454	DEC18	CCL	3425.14	4439	4265	3940	3364	499	900
3455	DEC18	CCL	3612.42	4416	4352	3960	3702	456	650
3456	DEC18	ECL	1711.8	5890	5576	4570	3977	1320	1599
3457	DEC18	ECL	1024.3	5770	5494	4260	4016	1510	1478
3458	DEC18	ECL	1245.7	5930	5653	4520	4163	1410	1490
3459	DEC18	ECL	1629.4	3250	3147	3220	2975	30	172
3460	DEC18	ECL	883.17	5030	4639	4310	4055	720	585
3461	DEC18	ECL	1260.76	5430	4999	5760	5422	-330	-423
3462	DEC18	ECL	382.88	4890	4561	4460	4097	430	463
3463	DEC18	ECL	516.15	4680	4409	4950	4625	-270	-216
3464	DEC18	ECL	1415.09	3760	3481	3250	3126	510	355
3465	DEC18	ECL	561.69	3670	3435	3480	3392	190	44
3466	DEC18	ECL	1557.01	3510	3231	3770	3566	-260	-335
3467	DEC18	ECL	1650.17	5820	5568	4470	4096	1350	1472
3468	DEC18	ECL	1582.01	5830	5634	4140	3879	1690	1755
3469	DEC18	ECL	668.84	5550	5345	4590	4293	960	1052
3470	DEC18	ECL	1877.99	3380	3273	4310	4212	-930	-939
3471	DEC18	ECL	1971.53	3890	3743	4320	4050	-430	-307
3472	DEC18	ECL	1231.6	5820	5556	5290	5064	530	492
3473	DEC18	ECL	1367	5840	5524	4470	4136	1370	1387
3474	DEC18	ECL	1363.5	5950	5699	4480	4356	1470	1343
3475	DEC18	ECL	326.25	5890	5718	5050	4640	840	1078
3476	DEC18	ECL	2483.77	5990	5723	5590	5203	400	520
3477	DEC18	ECL	998.68	5980	5727	4820	4510	1160	1218
3478	DEC18	ECL	2014.92	3590	3455	4080	3684	-490	-229
3479	DEC18	ECL	1859.45	4280	4089	3980	3789	300	300
3480	DEC18	ECL	2883.9	3670	3550	3040	2734	630	816
3481	DEC18	ECL	2018.9	3290	3179	3040	2832	250	347
3482	DEC18	ECL	1652.11	5860	5689	4350	3884	1510	1805
3483	DEC18	ECL	1512.94	5740	5615	3540	3192	2200	2424
3484	DEC18	ECL	3350.95	3970	3595	4160	3860	-190	-265
3485	DEC18	ECL	456.7	3930	3539	4510	4486	-580	-946
3486	DEC18	ECL	1256.8	5730	5481	3870	3525	1860	1955

3487	DEC18	ECL	1125.43	5760	5590	3210	2880	2550	2710
3488	DEC18	ECL	1504.96	5930	5661	3840	3653	2090	2008
3489	DEC18	ECL		3560	3315	3890	3441	-330	-126
3490	DEC18	ECL		4880	4634	4560	4276	320	359
3491	DEC18	ECL	900.98	4830	4463	3250	3153	1580	1310
3492	DEC18	ECL	982.3	5880	5434	3870	3644	2010	1790
3493	DEC18	ECL	1640	5750	5291	4150	4043	1600	1248
3494	DEC18	ECL	733.4	5260	4818	4000	3788	1260	1030
3495	DEC18	ECL	969.9	4900	4477	3530	3414	1370	1063
3496	DEC18	ECL	2400.5	5320	4932	3860	3877	1460	1055
3497	DEC18	ECL	3626.35	4170	3993	4140	3779	30	214
3498	DEC18	ECL	3240.55	4760	4426	4940	4480	-180	-54
3499	DEC18	ECL	599.33	5380	4938	3590	3489	1790	1449
3500	DEC18	ECL	652.3	5180	4885	3060	2846	2120	2039
3501	DEC18	ECL	320.74	5000	4502	3630	3433	1370	1069
3502	DEC18	ECL	1820.89	5820	5383	3240	2921	2580	2462
3503	DEC18	ECL	3625.38	4730	4554	3920	3579	810	976
3504	DEC18	ECL	3831.86	4750	4563	3870	3506	880	1058
3505	DEC18	ECL	854.8	5170	4816	4660	4393	510	422
3506	DEC18	ECL	3041.2	3720	3442	5330	4942	-1610	-1499
3507	DEC18	ECL	982.4	4990	4627	3630	3363	1360	1264
3508	DEC18	ECL	2764.1	3880	3582	3820	3637	60	-56
3509	DEC18	ECL	820.7	4780	4430	2920	2661	1860	1769
3510	DEC18	ECL	2955.6	3870	3541	3280	3029	590	512
3511	DEC18	ECL	854.1	4770	4422	3690	3330	1080	1092
3512	DEC18	ECL	1104.5	5300	5041	4450	4233	850	808
3513	DEC18	ECL	1412.8	4170	3940	3590	3358	580	582
3514	DEC18	ECL	706.4	5190	4831	2630	2371	2560	2460
3515	DEC18	ECL	1296	5130	4780	4010	3745	1120	1035
3516	DEC18	ECL	501.9	3600	3339	3590	3399	10	-59
3517	DEC18	ECL	950.1	5740	5419	2770	2656	2970	2763
3518	DEC18	ECL	1472.3	5250	4909	2920	2730	2330	2179
3519	DEC18	ECL	1727.1	3570	3400	3860	3469	-290	-69
3520	DEC18	ECL	2248.9	3460	3288	3720	3449	-260	-161
3521	DEC18	BCCL	3503.22	4660	4557	4450	4382	210	175
3522	DEC18	BCCL	3503.22	3830	3776	4000	3902	-170	-126
3523	DEC18	BCCL	3482.41	3700	3622	4060	4018	-360	-396
3524	DEC18	BCCL	3482.41	3860	3782	4020	3893	-160	-111
3525	DEC18	BCCL	3827.53	4810	4747	4740	4687	70	60
3526	DEC18	BCCL	3676.72	4150	4041	3910	3802	240	239
3527	DEC18	BCCL	3520.52	4140	4073	4380	4327	-240	-253
3528	DEC18	BCCL	3736.4	3760	3696	4020	3995	-260	-300
3529	DEC18	BCCL	4066.4	3870	3700	3470	3043	400	657
3530	DEC18	BCCL	3769.33	5180	5091	3420	3295	1760	1796
3531	DEC18	BCCL	3482.64	5040	4845	5580	5409	-540	-564
3532	DEC18	BCCL	1698.42	4890	4850	4770	4586	120	264
3533	DEC18	BCCL	3700.38	3120	3044	4670	4608	-1550	-1563

3534	DEC18	BCCL	4066.7	3870	3736	3400	3355	470	381
3535	DEC18	BCCL	3883.14	5010	4929	4790	4682	220	246
3536	DEC18	BCCL	3883.14	4720	4644	4750	4682	-30	-38
3537	DEC18	BCCL	3629.56	4740	4673	4550	4462	190	211
3538	DEC18	BCCL	3629.56	5430	5292	4020	3885	1410	1407
3539	DEC18	BCCL	3876	4740	4658	3900	3848	840	811
3540	DEC18	BCCL	3876	4970	4885	3680	3654	1290	1231
3541	JAN18	ECL	717.7	3710	3503	3920	3765	-210	-262
3542	JAN18	ECL	955.4	3740	3532	3990	3799	-250	-266
3543	JAN18	ECL	1124.8	3620	3378	3820	3676	-200	-298
3544	JAN18	ECL	1138.4	3600	3414	3550	3302	50	112
3545	JAN18	ECL	924.85	3770	3560	3990	3819	-220	-259
3546	JAN18	ECL	1017.06	3820	3611	3550	3392	270	219
3547	JAN18	ECL	752.64	3910	3697	3830	3660	80	37
3548	JAN18	ECL	1140	3720	3573	4100	3934	-380	-361
3549	JAN18	ECL	987.7	4270	4093	3220	3080	1050	1013
3550	JAN18	ECL	654	3400	3163	3530	3391	-130	-228
3551	JAN18	ECL	962.3	3450	3265	3380	3233	70	32
3552	JAN18	ECL	1125.2	3490	3271	3250	3115	240	156
3553	JAN18	ECL	1473.94	6040	5373	5710	5292	330	81
3554	JAN18	ECL	1002.33	6070	5489	4950	4484	1120	1005
3555	JAN18	ECL		5950	5403	5040	4539	910	865
3556	JAN18	ECL	667	3820	3549	3570	3476	250	73
3557	JAN18	ECL	1506.45	4160	3970	3870	3771	290	198
3558	JAN18	ECL	623.32	3810	3663	3890	3795	-80	-132
3559	JAN18	ECL	655.84	3620	3514	4360	4236	-740	-722
3560	JAN18	ECL	1394.2	3560	3423	3930	3703	-370	-280
3561	JAN18	ECL	604.3	4210	4001	3350	3164	860	837
3562	JAN18	ECL	620	3720	3557	4390	4181	-670	-624
3563	JAN18	ECL	592	4050	3902	4330	4066	-280	-164
3564	JAN18	ECL		6180	5813	4860	4399	1320	1414
3565	JAN18	ECL		6320	5931	5690	5260	630	672
3566	JAN18	ECL		6270	5663	5370	4987	900	676
3567	JAN18	ECL	1177.3	3980	3730	4670	4456	-690	-725
3568	JAN18	ECL	1210.3	4000	3789	4510	4285	-510	-496
3569	JAN18	ECL	664.2	3930	3671	4250	4017	-320	-346
3570	JAN18	ECL	816.2	3740	3493	4270	4061	-530	-569
3571	JAN18	ECL	3024.56	4860	4619	4030	3848	830	772
3572	JAN18	BCCL	1177	3370	3285	4510	4377	-1140	-1092
3573	JAN18	BCCL	344	4490	4386	4330	4197	160	188
3574	JAN18	BCCL	932	4940	4775	4420	4177	520	598
3575	JAN18	BCCL	2573	4360	4276	2680	2519	1680	1756
3576	JAN18	BCCL	318	5150	5088	4260	4156	890	932
3577	JAN18	BCCL	1849	4120	7698	4280	4154	-160	3544
3578	JAN18	BCCL	951	4420	7818	4280	4154	140	3664
3579	JAN18	BCCL	298	4100	7667	4280	4154	-180	3513
3580	JAN18	BCCL	317.8	4050	7742	4280	4154	-230	3588

3581	JAN18	BCCL	848	4570	4561	4890	4751	-320	-191
3582	JAN18	BCCL	590	4790	4776	4890	4751	-100	24
3583	JAN18	BCCL	727	4120	4108	4890	4751	-770	-644
3584	JAN18	BCCL	721	4750	4731	4890	4751	-140	-21
3585	JAN18	BCCL	3645.58	5250	5234	4890	4751	360	483
3586	JAN18	BCCL	3965.08	4880	4771	3760	3661	1120	1111
3587	JAN18	BCCL	3965.08	4540	4438	4270	4110	270	328
3588	JAN18	BCCL	3701.03	3370	3319	3840	3735	-470	-416
3589	JAN18	BCCL	3701.03	3720	3615	3840	3735	-120	-120
3590	JAN18	BCCL	3701.03	3700	3566	3840	3735	-140	-169
3591	JAN18	BCCL	3162.2	4260	4213	3840	3735	420	478
3592	JAN18	BCCL	3701.03	4340	4239	3840	3735	500	505
3593	JAN18	BCCL	772	4260	4213	3840	3735	420	478
3594	JAN18	BCCL	3142	4450	4383	4060	3949	390	434
3595	JAN18	BCCL	597	4510	4469	4370	4242	140	227
3596	JAN18	BCCL	1285	4950	4820	3640	3511	1310	1309
3597	JAN18	BCCL	3754.88	5230	5072	4020	3906	1210	1166
3598	JAN18	BCCL	1301	4970	4850	3610	3471	1360	1378
3599	JAN18	BCCL	2549	4510	4323	4390	4253	120	71
3600	JAN18	BCCL	1236	4110	4102	4300	4178	-190	-76
3601	JAN18	BCCL	821	4780	4737	4300	4178	480	558
3602	JAN18	BCCL	825	3810	3806	4300	4178	-490	-372
3603	JAN18	BCCL	815	4430	4394	4300	4178	130	216
3604	JAN18	BCCL	4037	4320	4294	4300	4178	20	116
3605	JAN18	BCCL	1101.2	4030	3981	4460	4311	-430	-330
3606	JAN18	BCCL	813.4	4660	4622	4460	4311	200	312
3607	JAN18	BCCL	748.3	4100	4059	4460	4311	-360	-252
3608	JAN18	BCCL	946.4	3410	3192	4460	4311	-1050	-1119
3609	JAN18	BCCL	3831.04	3960	3841	4420	4277	-460	-436
3610	JAN18	BCCL	3831.04	4350	4253	4240	4065	110	189
3611	JAN18	BCCL	3536.23	4480	4417	4570	4427	-90	-10
3612	JAN18	BCCL	3536.23	4820	4713	5040	4912	-220	-199
3613	JAN18	BCCL	1071.2	4490	4385	4500	4340	-10	45
3614	JAN18	BCCL	810	4230	4209	4500	4340	-270	-131
3615	JAN18	BCCL	1027	4200	4073	4500	4340	-300	-267
3616	JAN18	BCCL	745.1	4490	4445	4500	4340	-10	105
3617	JAN18	BCCL	1186	3810	3710	5320	5158	-1510	-1449
3618	JAN18	BCCL	2384	4310	4232	5320	5158	-1010	-927
3619	JAN18	BCCL	3886.8	4720	4615	4680	4481	40	134
3620	JAN18	BCCL	2644	4780	4635	4180	3998	600	637
3621	JAN18	BCCL	2431	4260	4174	4430	4234	-170	-59
3622	JAN18	BCCL	1016	4880	4806	4460	4266	420	540
3623	JAN19	CCL	3379.8	4039	3810	4060	3473	-21	337
3624	JAN19	CCL	3884	4530	4320	3510	2942	1020	1378
3625	JAN19	CCL	3507.23	4480	4307	4080	3740	400	567
3626	JAN19	CCL		4409	4218	3940	3367	469	851
3627	JAN19	CCL	3490.94	5233	4952	3900	3730	1333	1222

3628	JAN19	CCL	3542.83	3733	3439	2760	2407	973	1032
3629	JAN19	CCL	3542.83	3967	3697	3530	3178	437	519
3630	JAN19	CCL	3790.5	4498	4305	4220	3740	278	565
3631	JAN19	CCL	3172.66	4673	4358	3860	3422	813	936
3632	JAN19	CCL	3986.3	4416	4135	3830	3521	586	614
3633	JAN19	CCL	3211.45	4416	4202	4390	3901	26	301
3634	JAN19	CCL	3211.45	4609	4384	4360	3953	249	431
3635	JAN19	CCL	3278.13	4304	4096	4260	3942	44	154
3636	JAN19	CCL	3253.45	4448	4203	4290	3919	158	285
3637	JAN19	CCL	2933.46	4866	4720	4500	3996	366	724
3638	JAN19	CCL		4800	4582	4360	3900	440	682
3639	JAN19	CCL	3476.41	4659	4473	4310	3917	349	557
3640	JAN19	CCL	3082.24	4667	4397	4760	4308	-93	89
3641	JAN19	CCL	3106.06	4561	4364	4470	3967	91	397
3642	JAN19	CCL	3445.91	4699	4450	4230	3808	469	642
3643	JAN19	CCL	3445.91	4717	4514	4630	4270	87	244
3644	JAN19	CCL	3189.52	4781	4631	4330	4005	451	626
3645	JAN19	CCL	3189.52	4610	4420	4390	3968	220	452
3646	JAN19	CCL	3032.89	4587	4327	4070	3669	517	659
3647	JAN19	CCL	3300.73	4821	4638	4280	3737	541	901
3648	JAN19	CCL	3531.81	4326	4099	4300	3897	26	202
3649	JAN19	CCL	3451.61	4916	4679	4150	3587	766	1092
3650	JAN19	CCL		4303	4024	4490	4103	-187	-79
3651	JAN19	CCL	3309.75	4334	4096	4270	3900	64	196
3652	JAN19	CCL	3368.12	4355	4117	4330	3900	25	216
3653	JAN19	CCL		4335	4043	4390	3869	-55	175
3654	JAN19	CCL	3420.23	4787	4524	4390	4018	397	506
3655	JAN19	CCL		4427	4131	4350	3880	77	251
3656	JAN19	CCL	3341.23	4050	3822	4660	4156	-610	-333
3657	JAN19	CCL	3462.31	3918	3686	4030	3630	-112	55
3658	JAN19	CCL		3958	3675	5060	4461	-1102	-787
3659	JAN19	CCL	3531.61	4199	3978	4560	4148	-361	-170
3660	JAN19	CCL	3491.41	4663	4460	3780	3441	883	1019
3661	JAN19	CCL	3308.94	3934	3698	4050	3697	-116	1
3662	JAN19	CCL		4293	4104	4510	4109	-217	-6
3663	JAN19	CCL	3441.1	4526	4245	3660	3282	866	963
3664	JAN19	CCL	3864.5	4628	4373	3850	3385	778	988
3665	JAN19	CCL		4405	4208	4150	3840	255	368
3666	JAN19	CCL	3267.99	4533	4352	4620	4257	-87	96
3667	JAN19	CCL	3668.51	4459	4372	3840	3543	619	829
3668	JAN19	CCL		3875	3610	3850	3468	25	142
3669	JAN19	CCL	3541.31	4481	4323	3930	3709	551	613
3670	JAN19	CCL		3890	3622	3930	3627	-40	-6
3671	JAN19	CCL	3434.51	4014	3794	4050	3716	-36	79
3672	JAN19	CCL	3708.81	4416	4208	3880	3662	536	546
3673	JAN19	CCL		3953	3685	3460	2997	493	687
3674	JAN19	CCL	3500.74	4183	4000	4150	3603	33	397

3675	JAN19	CCL		3514	3274	3880	3382	-366	-108
3676	JAN19	CCL	3301.83	4957	4890	3910	3452	1047	1438
3677	JAN19	CCL		4713	4603	4220	3833	493	770
3678	JAN19	CCL	3705	4599	4467	5090	4589	-491	-121
3679	JAN19	CCL		3378	3213	3720	3410	-342	-197
3680	JAN19	CCL	3618.11	4151	3914	3830	3260	321	654
3681	JAN19	CCL		4083	3856	4040	3563	43	292
3682	JAN19	CCL	2992.6	4340	4150	3800	3460	540	690
3683	JAN19	CCL	3551.23	4443	4296	3050	2740	1393	1556
3684	JAN19	CCL		4150	3969	3970	3483	180	486
3685	JAN19	CCL	3484.14	4139	3927	3640	3257	499	670
3686	JAN19	CCL	3826.33	4302	4142	3880	3535	422	607
3687	JAN19	CCL	3576.02	4200	4016	3800	3446	400	570
3688	JAN19	CCL	3886.8	4284	4115	4210	3651	74	464
3689	JAN19	CCL	3258.34	4529	4494	3960	3556	569	938
3690	JAN19	CCL	2989.29	4408	4238	4350	3684	58	555
3691	JAN19	CCL		4257	4094	4370	3670	-113	424
3692	JAN19	CCL	3201.29	4782	4645	4310	4140	472	505
3693	JAN19	CCL	3271.62	5039	4915	4490	4157	549	758
3694	JAN19	CCL		4987	4826	4230	3751	757	1075
3695	JAN19	CCL	3026.07	5072	4925	4540	4021	532	904
3696	JAN19	CCL	3236.92	4533	4408	4500	3914	33	494
3697	JAN19	CCL	3390.08	4215	4049	4480	3863	-265	186
3698	JAN19	CCL	3740.4	4468	4384	4370	3978	98	406
3699	JAN19	CCL		4388	4228	4090	3764	298	464
3700	JAN19	CCL	3457.7	4675	4596	4200	3815	475	781
3701	JAN19	CCL	3710	4570	4429	4290	3968	280	461
3702	JAN19	CCL	3679.71	4108	3925	4440	4240	-332	-315
3703	JAN19	CCL	3523.52	4882	4746	4540	4161	342	585
3704	JAN19	CCL	3509.91	4642	4344	4300	4068	342	276
3705	JAN19	CCL		4653	4398	4350	4017	303	381
3706	JAN19	CCL	3130.15	5414	5099	5730	5434	-316	-335
3707	JAN19	CCL		4632	4416	4780	4284	-148	132
3708	JAN19	CCL	3380.6	4736	4559	4550	4256	186	303
3709	JAN19	CCL	3244.23	4749	4638	4670	4255	79	383
3710	JAN19	CCL	3253.97	4832	4646	4130	3813	702	834
3711	JAN19	CCL	3320.55	4473	4301	4280	4019	193	282
3712	JAN19	CCL		3755	3521	4260	3899	-505	-378
3713	JAN19	CCL	3632.82	4050	3922	4130	3924	-80	-2
3714	JAN19	CCL	2789.46	5514	5186	4550	4196	964	990
3715	JAN19	CCL		5314	5027	3990	3683	1324	1344
3716	JAN19	CCL		4799	4551	4670	4384	129	167
3717	JAN19	CCL	3736.21	4367	4165	3840	3492	527	674
3718	JAN19	CCL	3577.51	3907	3742	4120	3763	-213	-21
3719	JAN19	CCL	3591.11	4821	4692	4250	3965	571	726
3720	JAN19	CCL	3429.81	4558	4345	4360	3985	198	360
3721	JAN19	CCL		3804	3585	3930	3442	-126	143

3722	JAN19	CCL	3365.95	4808	4669	4280	3838	528	831
3723	JAN19	CCL	3475.78	4277	4046	3860	3465	417	581
3724	JAN19	CCL		4113	3884	3990	3600	123	284
3725	JAN19	CCL	3346.16	4123	3896	3800	3516	323	380
3726	JAN19	CCL		3776	3578	4050	3638	-274	-59
3727	JAN19	CCL	3576.01	4316	4092	4170	3884	146	207
3728	JAN19	CCL	3598.21	4349	4127	4360	4085	-11	42
3729	JAN19	CCL		4820	4591	4620	4152	200	439
3730	FEB18	ECL	1491.5	4020	3792	3670	3499	350	293
3731	FEB18	ECL	359	3910	3724	3670	3480	240	244
3732	FEB18	ECL	721.8	3710	3507	3140	2978	570	530
3733	FEB18	ECL	1481.8	3600	3400	3260	3082	340	318
3734	FEB18	ECL	1491.5	4020	3792	3670	3499	350	293
3735	FEB18	ECL	359	3910	3724	3670	3480	240	244
3736	FEB18	ECL	721.8	3710	3507	3140	2978	570	530
3737	FEB18	ECL	1481.8	3600	3400	3260	3082	340	318
3738	FEB18	ECL	839.1	3630	3461	3170	3004	460	457
3739	FEB18	ECL	1502.7	3590	3402	3150	2998	440	404
3740	FEB18	ECL	681.7	3840	3627	3630	3481	210	146
3741	FEB18	ECL	841.2	3500	3295	3870	3693	-370	-398
3742	FEB18	ECL		6120	5858	5520	5021	600	837
3743	FEB18	ECL		6210	5851	6140	5670	70	182
3744	FEB18	ECL		6190	5614	5820	5286	370	328
3745	FEB18	ECL	1884.4	4630	4272	4990	4699	-360	-427
3746	FEB18	ECL	919.92	4870	4384	4740	4520	130	-136
3747	FEB18	ECL	686.9	4780	4304	4690	4340	90	-36
3748	FEB18	ECL	335.4	4670	4244	4730	4414	-60	-170
3749	FEB18	ECL	2039.8	3980	3778	3500	3322	480	456
3750	FEB18	ECL	900.8	3940	3784	4070	3861	-130	-77
3751	FEB18	ECL	1016.6	4270	4066	4600	4377	-330	-311
3752	FEB18	ECL	2035	4490	4159	3750	3534	740	624
3753	FEB18	ECL	753.19	4120	3862	4280	4054	-160	-192
3754	FEB18	ECL	929.1	3880	3613	3760	3535	120	79
3755	FEB18	ECL	1818.8	3500	3312	3440	3244	60	68
3756	FEB18	ECL	673.08	3730	3439	4420	4208	-690	-769
3757	FEB18	ECL	1350.4	3740	3600	4270	4096	-530	-496
3758	FEB18	ECL	1921.17	3440	3252	3270	3123	170	129
3759	FEB18	ECL	467.85	3760	3570	3510	3361	250	209
3760	FEB18	ECL	645.71	3900	3640	4500	4281	-600	-641
3761	FEB18	ECL	1601.66	4030	3733	3700	3511	330	221
3762	FEB18	ECL	1021.23	3290	3147	4660	4437	-1370	-1290
3763	FEB18	ECL	1240.3	6070	5608	3680	3353	2390	2255
3764	FEB18	ECL	431.4	3640	3370	3710	3567	-70	-197
3765	FEB18	ECL	1228.2	4030	3732	4080	3872	-50	-141
3766	FEB18	ECL	717	3720	3456	4080	3898	-360	-442
3767	FEB18	ECL	1773.7	4030	3776	4270	4071	-240	-294
3768	FEB18	ECL	1004.7	5220	4747	3680	3374	1540	1373

3769	FEB18	ECL	1273.3	4760	4270	4200	3982	560	288
3770	FEB18	ECL	1520.1	4950	4562	4430	4144	520	418
3771	FEB18	ECL	537.1	4090	3777	3960	3794	130	-17
3772	FEB18	ECL	1392.6	4160	3862	4180	4048	-20	-186
3773	FEB18	ECL	544.1	3980	3692	4310	4140	-330	-448
3774	FEB18	ECL	1397.7	4210	4043	4110	3914	100	129
3775	FEB18	ECL	2806.3	5010	4587	4930	4440	80	147
3776	FEB18	ECL	882.1	5400	4996	4620	4294	780	702
3777	FEB18	ECL	666.1	3830	3641	4510	4336	-680	-695
3778	FEB18	ECL	978.5	4120	3891	4820	4625	-700	-734
3779	FEB18	ECL	2269.7	4330	4012	3440	3275	890	736
3780	FEB18	BCCL	2661	4140	4073	4570	4353	-430	-280
3781	FEB18	BCCL	3711.48	5520	5415	4570	4353	950	1061
3782	FEB18	BCCL	2668	4560	4423	3940	3765	620	657
3783	FEB18	BCCL	3531.2	5340	5211	4910	4722	430	489
3784	FEB18	BCCL	3442.17	4910	4796	3850	3698	1060	1097
3785	FEB18	BCCL	3442.17	4770	4635	4100	3898	670	737
3786	FEB18	BCCL	3204.44	4380	4331	4430	4202	-50	129
3787	FEB18	BCCL	3204.44	4780	4713	4730	4478	50	235
3788	FEB18	BCCL	1293	3910	3820	4530	4288	-620	-469
3789	FEB18	BCCL	3505.39	5560	5437	5330	5062	230	375
3790	FEB18	BCCL	1268	3380	3301	4150	3936	-770	-635
3791	FEB18	BCCL	2365	5190	5049	5940	5647	-750	-598
3792	FEB18	BCCL	3654.05	3670	3596	3000	2851	670	745
3793	FEB18	BCCL	3654.05	5010	4879	3760	3517	1250	1361
3794	FEB18	BCCL	3669.76	4690	4577	3820	3685	870	892
3795	FEB18	BCCL	3669.76	4750	4601	4610	4396	140	205
3796	FEB18	BCCL	3626.73	4720	4587	4360	4171	360	416
3797	FEB18	BCCL	3626.73	4950	4815	6140	5856	-1190	-1040
3798	FEB18	BCCL	3734.68	6010	5877	4330	4155	1680	1722
3799	FEB18	BCCL	3734.68	5190	4939	4990	4759	200	181
3800	FEB18	BCCL	3558	4990	4920	4990	4778	0	142
3801	FEB18	BCCL	3329.32	5500	5417	4570	4362	930	1054
3802	FEB18	BCCL	680	4660	4590	4570	4362	90	227
3803	FEB18	BCCL	3747.2	4280	4211	5570	5283	-1290	-1072
3804	FEB18	BCCL	3747.2	4690	4600	4890	4688	-200	-87
3805	FEB18	BCCL	3864.47	3820	3754	5340	5081	-1520	-1326
3806	FEB18	BCCL	3864.47	3740	3683	5400	5169	-1660	-1486
3807	FEB18	BCCL	3573.91	4750	4702	4310	4109	440	593
3808	FEB18	BCCL	3573.91	5690	5581	5420	5179	270	402
3809	FEB18	BCCL	3842.9	5250	5192	4370	4207	880	985
3810	FEB18	BCCL	3842.9	3990	3938	5100	4869	-1110	-931
3811	FEB18	BCCL	1069	4540	4508	4350	4113	190	395
3812	FEB18	BCCL	2682	4340	4327	5480	5253	-1140	-926
3813	FEB18	BCCL	1171	4130	4088	4700	4505	-570	-417
3814	FEB18	BCCL	1429	4510	4419	4900	4692	-390	-273
3815	FEB18	BCCL	1067	3500	3401	5070	4809	-1570	-1407

3816	FEB18	BCCL	2695	4740	4721	6010	5736	-1270	-1015
3817	FEB18	BCCL	2056	3940	3765	3820	3684	120	80
3818	FEB18	BCCL	1888	3610	3431	3640	3533	-30	-102
3819	FEB18	BCCL	1085	4010	3929	5360	5176	-1350	-1247
3820	FEB18	BCCL	2768	4730	4649	5610	5395	-880	-746
3821	FEB18	BCCL	2971.17	6060	5900	6580	6334	-520	-433
3822	FEB18	BCCL	663.53	5660	5528	6530	6265	-870	-737
3823	FEB18	BCCL	3206.2	4560	4473	5270	4983	-710	-510
3824	FEB18	BCCL	3206.2	4720	4677	3900	3691	820	986
3825	FEB18	BCCL	3276.3	4670	4646	4930	4721	-260	-75
3826	FEB18	BCCL	3276.3	4150	4121	4970	4769	-820	-649
3827	FEB18	BCCL	1125	3900	3758	3290	3183	610	575
3828	FEB18	BCCL	2651	4760	4654	5070	4911	-310	-257
3829	FEB18	BCCL	3936.81	5160	5139	4590	4405	570	734
3830	FEB18	BCCL	3936.81	4970	4920	4880	4673	90	247
3831	FEB18	BCCL	3740.87	4710	4567	4010	3815	700	752
3832	FEB18	BCCL	3740.87	4110	4039	5010	4778	-900	-738
3833	FEB18	BCCL	2134	4050	3972	4600	4424	-550	-451
3834	FEB18	BCCL	1432	4920	4816	4840	4591	80	225
3835	FEB18	BCCL	261	3950	3950	5040	4745	-1090	-795
3836	FEB18	BCCL	3836	3800	3731	4200	4009	-400	-278
3837	FEB18	BCCL	3836	3880	3829	4750	4582	-870	-753
3838	FEB18	BCCL	3755.31	4990	4956	5210	5010	-220	-54
3839	FEB18	BCCL	3755.31	4960	4930	5110	4909	-150	21
3840	FEB18	BCCL	132.1	5680	5680	5060	4896	620	784
3841	FEB18	BCCL	3017.1	5930	5761	6030	5797	-100	-36
3842	FEB18	BCCL	725.5	5290	5156	5850	5629	-560	-473
3843	FEB18	BCCL	716	3970	3922	5650	5422	-1680	-1500
3844	FEB18	BCCL	2596	3410	3376	4650	4500	-1240	-1124
3845	FEB18	BCCL	1134	3380	3288	4640	4433	-1260	-1145
3846	FEB18	BCCL	3884.66	5170	5034	5260	5068	-90	-34
3847	FEB18	BCCL	1562	4380	4353	4560	4453	-180	-99
3848	FEB18	BCCL	1543	4440	4422	4970	4799	-530	-377
3849	FEB18	BCCL	812	3570	3559	4280	4150	-710	-591
3850	FEB18	BCCL	1979	5180	5096	5070	4906	110	190
3851	FEB18	BCCL	1283	5010	4914	5040	4871	-30	42
3852	FEB18	BCCL	427	4040	4032	5120	4996	-1080	-964
3853	FEB18	BCCL	1017	3760	3669	4820	4699	-1060	-1030
3854	FEB18	BCCL	2948	4810	4732	6060	5889	-1250	-1157
3855	FEB18	BCCL	1933	4420	4398	5280	5077	-860	-680
3856	FEB18	BCCL	1426	4490	4413	5370	5223	-880	-810
3857	FEB18	BCCL	644	4100	4096	4740	4515	-640	-420
3858	FEB19	CCL	3681.31	3735	3500	4850	4308	-1115	-808
3859	FEB19	CCL	3768.48	5165	4836	5390	5043	-225	-206
3860	FEB19	CCL		4727	4416	4970	4581	-243	-165
3861	FEB19	CCL		4697	4449	4890	4559	-193	-110
3862	FEB19	CCL	3380.72	4434	4292	4430	4142	4	151

3863	FEB19	CCL		4508	4408	4340	3843	168	564
3864	FEB19	CCL	3654.33	4828	4723	4320	4093	508	630
3865	FEB19	CCL	3419.13	4556	4338	4330	3932	226	406
3866	FEB19	CCL	3579.41	4486	4425	4240	3977	246	448
3867	FEB19	CCL	3131.79	4307	4142	4420	3933	-113	210
3868	FEB19	CCL	3470.52	4231	4056	4360	4036	-129	20
3869	FEB19	CCL	3473.29	4154	3999	4060	3758	94	241
3870	FEB19	CCL	3226.07	4820	4686	4180	3818	640	868
3871	FEB19	CCL	3719.13	3615	3395	4000	3584	-385	-189
3872	FEB19	CCL	3289.65	4333	4295	4390	4085	-57	211
3873	FEB19	CCL		4581	4430	4320	4008	261	421
3874	FEB19	CCL	3820.73	3800	3609	3770	3578	30	31
3875	FEB19	CCL	3331.58	4999	4780	4310	4079	689	702
3876	FEB19	CCL	3272.54	5144	5012	4340	3909	804	1102
3877	FEB19	CCL		4951	4829	4780	4417	171	412
3878	FEB19	CCL	3501.91	4859	4725	4510	3877	349	847
3879	FEB19	CCL	3366.23	4593	4465	4690	4268	-97	197
3880	FEB19	CCL	3193.83	4749	4561	4840	4268	-91	293
3881	FEB19	CCL		4345	4174	4690	4182	-345	-7
3882	FEB19	CCL	3482.11	4668	4499	4450	4029	218	470
3883	FEB19	CCL	3242.64	5241	5100	4680	4167	561	933
3884	FEB19	CCL		4801	4647	4820	4295	-19	351
3885	FEB19	CCL	3087.87	4610	4394	4460	4026	150	367
3886	FEB19	CCL		4617	4375	4390	3865	227	510
3887	FEB19	CCL	3212.66	4576	4460	4530	4051	46	409
3888	FEB19	CCL	3450.91	4069	3840	4270	3828	-201	11
3889	FEB19	CCL		4469	4229	3830	3396	639	833
3890	FEB19	CCL	3357.63	4513	4325	4400	3944	113	381
3891	FEB19	CCL	3431.79	4713	4521	4000	3652	713	869
3892	FEB19	CCL		4718	4490	4680	4294	38	196
3893	FEB19	CCL	3305.65	3829	3591	4530	4092	-701	-501
3894	FEB19	CCL		4782	4608	4310	3950	472	658
3895	FEB19	CCL	3578.22	4037	3808	4790	4280	-753	-472
3896	FEB19	CCL		4932	4812	4780	4306	152	506
3897	FEB19	CCL	3588.81	4955	4775	4470	4133	485	642
3898	FEB19	CCL		4311	4129	4540	4182	-229	-54
3899	FEB19	CCL	3520.62	4668	4539	3670	3290	998	1249
3900	FEB19	CCL		4814	4639	4180	3702	634	938
3901	FEB19	CCL	3620.71	4897	4733	4230	3772	667	962
3902	FEB19	CCL	3221.96	4619	4471	4520	4108	99	364
3903	FEB19	CCL		4590	4438	4390	3938	200	500
3904	FEB19	CCL	3864.8	4499	4366	4420	4079	79	287
3905	FEB19	CCL		4105	3984	4480	4268	-375	-283
3906	FEB19	CCL	3642.5	4330	4207	4380	4050	-50	157
3907	FEB19	CCL	3642.01	4468	4359	4370	4009	98	350
3908	FEB19	CCL		4448	4369	4400	3954	48	414
3909	FEB19	CCL	3442.03	4309	4134	4150	3939	159	194

3910	FEB19	CCL		4358	4247	4250	3849	108	399
3911	FEB19	CCL	3172.56	4519	4434	4150	3609	369	825
3912	FEB19	CCL	3484.86	4287	4160	3960	3587	327	573
3913	FEB19	CCL		3812	3511	3950	3799	-138	-287
3914	FEB19	CCL	3188.68	4464	4322	4250	3953	214	368
3915	FEB19	CCL		4311	4193	4530	4157	-219	35
3916	FEB19	CCL	3295.24	4304	4153	4560	4150	-256	3
3917	FEB19	CCL		4087	3980	4450	3989	-363	-9
3918	FEB19	CCL	3336.85	4686	4562	4450	4127	236	435
3919	FEB19	CCL	3428.814	4744	4582	4240	3947	504	634
3920	FEB19	CCL	3643.71	4578	4452	4330	4002	248	449
3921	FEB19	CCL		4126	4000	4470	4141	-344	-142
3922	FEB19	CCL	3795.2	4615	4509	4360	4049	255	459
3923	FEB19	CCL		4535	4366	4330	3980	205	386
3924	FEB19	CCL	3304.15	4576	4411	4450	4107	126	304
3925	MAR18	ECL	2491.7	5180	4884	4940	4642	240	242
3926	MAR18	ECL	1279.3	3840	3562	3480	3200	360	362
3927	MAR18	ECL	63.5	4620	4371	4750	4533	-130	-162
3928	MAR18	ECL	1738.1	3660	3490	4410	4253	-750	-763
3929	MAR18	ECL	2351.8	3270	3171	4360	4223	-1090	-1052
3930	MAR18	ECL	1943.4	3240	3155	4440	4124	-1200	-969
3931	MAR18	ECL	1883.2	3510	3397	3700	3407	-190	-11
3932	MAR18	ECL	520.46	6350	5717	3870	3578	2480	2139
3933	MAR18	ECL		6380	5627	4080	3714	2300	1913
3934	MAR18	ECL	1006.13	3720	3536	4560	4417	-840	-881
3935	MAR18	ECL	822.86	4100	3913	3840	3719	260	194
3936	MAR18	ECL	1977.55	4000	3878	3930	3711	70	167
3937	MAR18	ECL	4136.9	3200	3105	3180	3044	20	61
3938	MAR18	ECL	1520.3	4210	4064	4670	4580	-460	-516
3939	MAR18	ECL	1469.8	3950	3850	4630	4541	-680	-691
3940	MAR18	ECL	853.6	4080	3993	4590	4478	-510	-485
3941	MAR18	ECL	2398.5	4040	3908	4650	4588	-610	-680
3942	MAR18	ECL	594.4	3970	3793	3870	3502	100	291
3943	MAR18	ECL	883.9	4040	3908	4540	4438	-500	-530
3944	MAR18	ECL		6250	5873	4960	4631	1290	1242
3945	MAR18	ECL		6330	5916	5170	4662	1160	1253
3946	MAR18	ECL		6210	5894	5390	4984	820	909
3947	MAR18	ECL	4013.5	3450	3352	3420	3417	30	-65
3948	MAR18	BCCL	886	3850	3722	5210	5036	-1360	-1314
3949	MAR18	BCCL	2908	4600	4535	6320	6015	-1720	-1479
3950	MAR18	BCCL	355	4820	4810	5110	4945	-290	-135
3951	MAR18	BCCL	1514	4560	4468	5180	5008	-620	-540
3952	MAR18	BCCL	1273	4770	4698	5590	5348	-820	-650
3953	MAR18	BCCL	1864	4270	4102	5030	4826	-760	-725
3954	MAR18	BCCL	1708	3700	3530	4690	4538	-990	-1008
3955	MAR18	BCCL	1613	4440	4301	5410	5235	-970	-934
3956	MAR18	BCCL	3136	5570	5362	5130	4954	440	408

3957	MAR18	BCCL	632	4600	4591	5360	5127	-760	-537
3958	MAR18	BCCL	934	4110	3810	5810	5611	-1700	-1800
3959	MAR18	BCCL	2965	4300	4218	5930	5739	-1630	-1521
3960	MAR18	BCCL	3470	4390	4177	4440	4274	-50	-97
3961	MAR18	BCCL	3470	5220	5099	4440	4274	780	825
3962	MAR18	BCCL	3470	4680	4524	4440	4274	240	250
3963	MAR18	BCCL	3586.22	4240	4150	5410	5257	-1170	-1107
3964	MAR18	BCCL	3114.3	5470	5404	4940	4760	530	644
3965	MAR18	BCCL	1604	4940	4731	4680	4533	260	198
3966	MAR18	BCCL	612	3760	3752	4740	4620	-980	-868
3967	MAR18	BCCL	1511	4560	4510	5250	5133	-690	-624
3968	MAR18	BCCL	1304	4560	4496	4870	4752	-310	-256
3969	MAR18	BCCL	532	4010	4002	4950	4835	-940	-833
3970	MAR18	BCCL	1789	4210	4073	4950	4789	-740	-716
3971	MAR18	BCCL	1447	4670	4703	5340	5129	-670	-426
3972	MAR18	BCCL	1632	4540	4513	4940	4750	-400	-238
3973	MAR18	BCCL	1497	4860	4831	4920	4775	-60	56
3974	MAR18	BCCL	775	3770	3766	4260	4088	-490	-321
3975	MAR18	BCCL	3971	4010	3787	4960	4779	-950	-991
3976	MAR18	BCCL	1426	4230	3995	5210	5088	-980	-1093
3977	MAR18	BCCL	1606	4680	4652	5090	4951	-410	-299
3978	MAR18	BCCL	728	4490	4476	5280	5125	-790	-649
3979	MAR18	BCCL	4232	4060	3932	4430	4299	-370	-367
3980	MAR18	BCCL	1969	3770	3598	4510	4377	-740	-779
3981	MAR18	BCCL	1836	3400	3294	3860	3766	-460	-472
3982	MAR18	BCCL	2063	4930	4672	4640	4536	290	136
3983	MAR18	BCCL	1375	3730	3594	4790	4687	-1060	-1094
3984	MAR18	BCCL	2790	4650	4608	5440	5275	-790	-667
3985	MAR18	BCCL	777	4220	4216	4950	4805	-730	-589
3986	MAR18	BCCL	531	4300	4296	5420	5288	-1120	-992
3987	MAR18	BCCL	1633	4320	4307	5350	5231	-1030	-924
3988	MAR18	BCCL	1579	4470	4429	5590	5448	-1120	-1019
3989	MAR18	BCCL	639	3830	3830	5040	4872	-1210	-1042
3990	MAR18	BCCL	3264	5070	4983	4980	4734	90	249
3991	MAR18	BCCL	1557	5130	5099	4820	4727	310	372
3992	MAR18	BCCL	844	3760	3779	5320	5186	-1560	-1407
3993	MAR18	BCCL	309	4240	4227	4680	4533	-440	-306
3994	MAR18	BCCL	1001	4740	4730	5430	5282	-690	-551
3995	MAR18	BCCL	1574	4780	4712	5690	5507	-910	-794
3996	MAR18	BCCL	821	4740	4668	4800	4659	-60	9
3997	MAR18	BCCL	3280	4900	4836	4580	4487	320	348
3998	MAR18	BCCL	616	3870	3862	4720	4677	-850	-815
3999	MAR18	BCCL	3280.8	5510	5454	5480	5298	30	157
4000	MAR18	BCCL	1750	4150	4075	5320	5240	-1170	-1165
4001	MAR18	BCCL	697	4010	4014	5220	5152	-1210	-1138
4002	MAR18	BCCL	1514	4860	4840	5260	5196	-400	-356
4003	MAR18	BCCL	1637	4380	4322	5600	5560	-1220	-1238

4004	MAR18	BCCL	737	3460	3463	4820	4752	-1360	-1288
4005	MAR18	BCCL	3989	3750	3651	4300	4139	-550	-488
4006	MAR18	BCCL	1568	4320	4311	5280	5227	-960	-915
4007	MAR18	BCCL	1593	4410	4401	5150	5056	-740	-655
4008	MAR18	BCCL	632	4750	4697	5450	5406	-700	-709
4009	MAR18	BCCL	1600	4730	4725	5430	5348	-700	-623
4010	MAR18	BCCL	1702	4430	4340	4890	4841	-460	-500
4011	MAR18	BCCL	669	4010	4014	4980	4935	-970	-921
4012	MAR18	BCCL	1479	5130	5109	5280	5210	-150	-101
4013	MAR18	BCCL	1562	4470	4330	5400	5356	-930	-1026
4014	MAR18	BCCL	572	4460	4460	5580	5529	-1120	-1069
4015	MAR18	BCCL	3900.8	6250	5996	5630	5481	620	516
4016	MAR18	BCCL	1653	4580	4534	5270	5195	-690	-662
4017	MAR18	BCCL	1670	4650	4613	5370	5316	-720	-703
4018	MAR18	BCCL	592	4350	4359	5460	5366	-1110	-1008
4019	MAR18	BCCL	591	4090	4090	5690	5650	-1600	-1560
4020	MAR18	BCCL	1507	4130	4072	5340	5292	-1210	-1220
4021	MAR18	BCCL	1553	4700	4634	5460	5438	-760	-804
4022	MAR19	CCL	3582.32	4603	4491	4350	3891	253	600
4023	MAR19	CCL	3448.45	4446	4298	3510	3221	936	1078
4024	MAR19	CCL		4563	4492	4270	3812	293	680
4025	MAR19	CCL	3256.55	4429	4355	4070	3734	359	621
4026	MAR19	CCL	3643.81	4396	4241	4290	3887	106	355
4027	MAR19	CCL	3446.04	4782	4572	4230	3836	552	737
4028	MAR19	CCL	3911.81	4351	4089	4140	3762	211	327
4029	MAR19	CCL	691.12	3405	3186	3950	3377	-545	-191
4030	MAR19	CCL	2877.83	3466	3186	4030	3567	-564	-381
4031	MAR19	CCL	1650.42	4523	4347	4070	3770	453	577
4032	MAR19	CCL	1514.25	4485	4351	4450	4213	35	138
4033	MAR19	CCL	3602.71	4310	4153	4280	4034	30	119
4034	MAR19	CCL	3402.34	4525	4331	4260	3807	265	524
4035	MAR19	CCL		4577	4430	4470	4066	107	364
4036	MAR19	CCL	3366.45	4385	4202	4050	3805	335	398
4037	MAR19	CCL	3441.52	4443	4248	4350	4052	93	196
4038	MAR19	CCL		4274	4097	4510	4337	-236	-241
4039	MAR19	CCL	3391.54	4395	4235	4310	4038	85	197
4040	MAR19	CCL	3798.1	4449	4206	4220	3787	229	419
4041	MAR19	CCL	3912.8	4161	3965	4090	3790	71	176
4042	MAR19	CCL		4155	3960	4150	3886	5	75
4043	MAR19	CCL	3599.51	4222	4027	4350	4007	-128	21
4044	MAR19	CCL	3785.23	4502	4197	3840	3495	662	703
4045	MAR19	CCL	3611.46	4118	3871	3050	2770	1068	1101
4046	MAR19	CCL	3791.04	3887	3668	3310	2965	577	703
4047	MAR19	CCL	3433.12	4303	4024	3310	3066	993	959
4048	MAR19	CCL	3568.02	4257	4080	4210	3940	47	140
4049	MAR19	CCL	3369.95	4140	3915	3690	3293	450	622
4050	MAR19	CCL	3641.43	4443	4227	4210	3846	233	381

4051	MAR19	CCL	3746.42	4018	3870	4120	3849	-102	21
4052	MAR19	CCL	3669.22	4482	4240	4270	3982	212	258
4053	MAR19	CCL	3465.81	3951	3784	4080	3778	-129	6
4054	MAR19	CCL	3394.04	3526	3348	3950	3415	-424	-67
4055	MAR19	CCL	3394.04	3642	3439	3760	3313	-118	126
4056	MAR19	CCL	3628.52	3525	3346	3590	3329	-65	18
4057	MAR19	CCL	3314.58	3794	3652	3590	3339	204	313
4058	MAR19	CCL		3740	3524	3820	3406	-80	119
4059	MAR19	CCL	3652.24	4266	4110	3880	3480	386	630
4060	MAR19	CCL	3393.03	4181	4109	4020	3631	161	478
4061	MAR19	CCL	3632.23	3699	3651	3970	3555	-271	96
4062	MAR19	CCL		4140	4042	4080	3777	60	264
4063	MAR19	CCL	3239.98	3995	3789	3830	3628	165	161
4064	MAR19	CCL	3382.45	3975	3847	3830	3535	145	312
4065	MAR19	CCL	3623.21	4221	4103	4090	3812	131	292
4066	MAR19	CCL	3782.62	3959	3832	3800	3599	159	233
4067	MAR19	CCL	3403.93	4256	4136	3940	3548	316	588
4068	MAR19	CCL	3683.01	4121	4009	3730	3459	391	550
4069	MAR19	CCL	3772.23	3971	3851	3880	3412	91	439
4070	MAR19	CCL	3703.91	4535	4470	3940	3623	595	847
4071	MAR19	CCL	3725.51	4586	4531	3630	3369	956	1162
4072	MAR19	CCL	3714.31	4182	3992	3630	3373	552	618
4073	MAR19	CCL	3398.73	3509	3355	3620	3415	-111	-61
4074	MAR19	CCL	3700.81	4443	4284	3780	3563	663	721
4075	MAR19	CCL	4082.4	4149	3929	3830	3563	319	367
4076	MAR19	CCL		3687	3643	4110	3807	-423	-164
4077	MAR19	CCL	3839.7	3822	3785	3980	3780	-158	5
4078	APR19	CCL	3039.68	5650	5448	5790	5364	-140	84
4079	APR19	CCL	3550.31	4799	4616	3760	3463	1039	1153
4080	APR19	CCL	3424.6	4973	4773	3990	3628	983	1145
4081	APR19	CCL	3586.21	4267	4111	3530	3290	737	821
4082	APR19	CCL	3469.83	4124	3948	4070	3716	54	232
4083	APR19	CCL	3613.61	4079	3957	4170	3694	-91	264
4084	APR19	CCL	3323.03	4721	4624	4200	3883	521	741
4085	APR19	CCL	3407.32	5022	4885	4370	4129	652	756
4086	APR19	CCL	3556.51	4324	4194	4400	4092	-76	102
4087	APR19	CCL	3660.82	4860	4807	4040	3852	820	954
4088	APR19	CCL	3713.31	4479	4259	4850	4302	-371	-43
4089	APR19	CCL	3565.02	4635	4494	4330	4049	305	445
4090	APR19	CCL	3673.82	3758	3576	3800	3530	-42	46
4091	APR19	CCL	3511.53	4332	4182	4110	3739	222	443
4092	APR19	CCL	3474.62	4578	4459	4160	3527	418	932
4093	APR19	CCL	3608.62	4826	4663	4090	3592	736	1071
4094	APR19	CCL	3543.94	4947	4727	4080	3427	867	1300
4095	APR19	CCL	3440.99	4476	4306	4460	4048	16	258
4096	APR19	CCL	3550.54	4504	4291	4000	3670	504	621
4097	APR19	CCL	3443.93	4581	4266	4270	3852	311	414

4098	APR19	CCL	3536.23	4488	4300	4080	4123	408	176
4099	APR19	CCL	3603.46	4760	4718	4240	3769	520	949
4100	APR19	CCL	3412.91	4837	4655	4300	4081	537	574
4101	APR19	CCL	3639.08	3990	3908	4850	4470	-860	-562
4102	APR19	CCL	3489.01	4812	4775	4690	4409	122	366
4103	APR19	CCL	3329.62	4812	4785	3460	3144	1352	1641
4104	APR19	CCL	3596.11	4512	4394	4140	3882	372	512
4105	APR19	CCL	3549.31	4561	4516	4290	3958	271	557
4106	APR19	CCL	3835	4147	4066	4020	3716	127	350
4107	APR19	CCL	3526.12	4683	4488	3950	3772	733	716
4108	APR19	CCL	3337.15	4943	4677	3860	3541	1083	1136
4109	APR19	CCL	3479.33	4182	4099	4190	3739	-8	359
4110	APR19	CCL	3626.53	3742	3629	3970	3700	-228	-71
4111	APR19	CCL	3680.31	4433	4349	3610	3322	823	1027
4112	APR19	CCL		3973	3836	4460	4125	-487	-289
4113	APR19	CCL	3747.31	4277	4203	3960	3738	317	464
4114	APR19	CCL		4079	3973	3950	3656	129	318
4115	APR19	CCL	3909.81	4077	3998	3800	3551	277	446
4116	APR19	CCL	3527.11	5154	4939	3720	3368	1434	1571
4117	APR19	CCL		3911	3729	3740	3370	171	359
4118	APR19	CCL	3794.52	3935	3789	3380	2920	555	870
4119	APR19	CCL	3720.71	3446	3288	3790	3522	-344	-234
4120	APR19	CCL	3339.39	4235	4093	4030	3716	205	377
4121	APR19	CCL	3597.92	4254	4075	3770	3343	484	733
4122	APR19	CCL		3556	3267	3920	3629	-364	-361
4123	APR19	CCL	3885.01	3765	3577	3570	3358	195	219
4124	APR19	CCL	3730.61	4306	4138	3850	3556	456	583
4125	APR19	CCL		4385	4243	3630	3496	755	748
4126	APR19	CCL	3553.41	4453	4356	4120	3896	333	460
4127	APR19	CCL	3608.92	4482	4317	4350	3998	132	319
4128	APR19	CCL		4208	4036	4330	3935	-122	101
4129	APR19	CCL	3878.11	4153	4042	4360	3909	-207	134
4130	APR19	CCL		4267	4198	4350	4109	-83	90
4131	APR19	CCL	3564.23	4728	4538	3850	3545	878	993
4132	APR19	CCL		4640	4450	4030	3686	610	764
4133	APR19	CCL	3686.11	4753	4537	4070	3744	683	793
4134	APR19	CCL	3570.53	4759	4537	3840	3425	919	1113
4135	APR19	CCL		4163	3919	4110	3677	53	242
4136	APR19	CCL	3588.21	4862	4671	3870	3626	992	1045
4137	APR19	CCL		4817	4638	3560	3450	1257	1188
4138	APR19	CCL	3678.12	5191	5106	4140	3809	1051	1297
4139	APR19	CCL	3865.4	4313	4192	3840	3639	473	553
4140	APR19	CCL	3805.41	4731	4721	3710	3512	1021	1209
4141	APR19	CCL	3634.73	4440	4168	3250	3022	1190	1146
4142	APR19	CCL		4314	4143	3680	3375	634	768
4143	APR19	CCL	3650.93	4144	4157	3290	3009	854	1148
4144	APR19	CCL		4178	4062	3370	3059	808	1002

4145	APR19	CCL	3561.81	4279	4261	3400	3153	879	1108
4146	APR19	CCL		4216	4189	3360	3034	856	1155
4147	APR19	CCL	4011.9	4292	4213	3410	3083	882	1131
4148	APR19	CCL		4252	4179	3820	3588	432	591
4149	APR19	ECL	3039.68	5650	5448	5790	5364	-140	84
4150	APR19	ECL	949.55	6090	5853	6070	5680	20	173
4151	APR19	ECL	3856.97	5000	4617	4860	4412	140	205
4152	APR19	ECL	3292.5	4270	3993	3080	2791	1190	1202
4153	APR19	ECL	2376.9	5350	5064	3700	3430	1650	1634
4154	APR19	ECL	1425.36	4980	4704	3140	2952	1840	1752
4155	APR19	ECL	3567.44	4800	4434	3880	3632	920	802
4156	APR19	ECL	2254.67	4520	4049	2670	2480	1850	1568
4157	APR19	ECL	1023.98	3970	3591	2620	2398	1350	1192
4158	APR19	ECL	1909.1	4750	4422	4250	3979	500	443
4159	APR19	ECL	1910.5	5780	5421	4920	4648	860	773
4160	APR19	ECL	3603.6	5000	4495	3460	3162	1540	1333
4161	APR19	ECL	1980.5	5080	4642	3340	3102	1740	1540
4162	APR19	ECL	1757.1	4840	4418	4120	3928	720	490
4163	APR19	ECL	884	4890	4584	4420	4248	470	337
4164	APR19	ECL	2244	5020	4716	4570	4219	450	497
4165	APR19	ECL	612	4970	4612	5050	4708	-80	-97
4166	APR19	ECL	1825.07	4990	4778	4300	4002	690	775
4167	APR19	ECL	1006.85	4960	4645	4300	4079	660	565
4168	APR19	ECL	974.72	4700	4392	4060	3789	640	603
4169	APR19	ECL	3823	4370	4155	3890	3725	480	430
4170	APR19	ECL	1672.3	5030	4641	4660	4917	370	-277
4171	APR19	ECL	1939.7	4550	4300	4540	4300	10	0
4172	APR19	ECL	1490.98	4700	4387	3810	3516	890	871
4173	APR19	ECL	949.47	4900	4602	4310	4059	590	543
4174	APR19	ECL	508.32	4670	4425	4070	3807	600	619
4175	APR19	ECL	3844	3670	3455	4920	4376	-1250	-921
4176	APR19	ECL	1407	5990	5713	5330	5024	660	689
4177	APR19	ECL	476.1	5090	4826	5380	5034	-290	-208
4178	APR19	ECL	220.7	5640	5167	4350	4026	1290	1141
4179	APR19	ECL	781.5	4490	4199	5050	4703	-560	-504
4180	APR19	ECL	1118.2	5430	5242	5530	5274	-100	-32
4181	APR19	ECL	3403.03	5280	4785	4790	4586	490	199
4182	APR19	ECL	1877.65	6090	5634	6220	5869	-130	-235
4183	APR19	ECL	1958.85	5970	5478	3970	3731	2000	1746
4184	APR19	ECL	3536.1	4470	4239	4200	4005	270	233
4185	APR19	ECL	618.8	3950	3718	3460	3153	490	564
4186	APR19	ECL	881.68	3960	3784	4060	3809	-100	-25
4187	APR19	ECL	798.16	4140	3952	3980	3742	160	210
4188	APR19	ECL	1246.2	3810	3636	3960	3734	-150	-98
4189	APR19	ECL	1950.47	4550	4319	4120	3903	430	416
4190	APR19	ECL	1404.5	4440	4159	4820	4563	-380	-404
4191	APR19	ECL	726.5	4490	4173	4020	3839	470	334

4192	APR19	ECL	2065.9	4570	4220	3860	3515	710	705
4193	APR19	ECL	1092.8	4820	4469	4310	3818	510	650
4194	APR19	ECL	710.6	4210	3878	4530	3979	-320	-101
4195	APR19	ECL	3687.3	2840	2694	4550	4301	-1710	-1608
4196	APR19	ECL	131.24	4950	4714	5590	5158	-640	-444
4197	APR19	ECL	616.15	6010	5666	5770	5442	240	224
4198	APR19	ECL	206.89	5810	5442	5040	4819	770	623
4199	APR19	ECL	484.91	4730	4413	4050	3793	680	620
4200	APR19	ECL	1338.44	5910	5523	5530	5256	380	267
4201	APR19	ECL	662.18	4460	4257	3740	3531	720	725
4202	APR19	ECL	917.1	3600	3436	3190	3057	410	379
4203	APR19	ECL	1786.36	4690	4394	3980	3806	710	589
4204	APR19	ECL	1551.79	3950	3754	3940	3743	10	11
4205	APR19	ECL	781.88	4460	4238	4220	4004	240	234
4206	APR19	ECL	873.86	4070	3769	4190	3921	-120	-152
4207	APR19	ECL	1182.09	4780	4487	4090	3790	690	698
4208	APR19	ECL	1174.95	4520	4270	4130	3731	390	540
4209	APR19	ECL	1506.7	3570	3393	2950	2764	620	629
4210	APR19	ECL	2489.4	3710	3522	2820	2545	890	977
4211	APR19	ECL	3934.1	4440	4079	4550	4252	-110	-173
4212	APR19	ECL	2300.16	4820	4520	3900	3582	920	937
4213	APR19	ECL	1187.25	3170	2945	2570	2343	600	602
4214	APR19	ECL	467.8	5070	4852	2680	2415	2390	2437
4215	APR19	ECL	1492.3	3980	3750	4600	4423	-620	-672
4216	APR19	ECL	2448.7	3260	3075	4070	3784	-810	-709
4217	APR19	ECL	1063.1	5000	4788	5300	5048	-300	-260
4218	APR19	ECL	2535	4830	4503	3830	3631	1000	871
4219	APR19	ECL	2880.39	4810	4532	5130	4941	-320	-409
4220	APR19	ECL	890.24	4460	4228	4030	4224	430	4
4221	APR19	ECL	1415.27	4880	4635	5320	4919	-440	-283
4222	APR19	ECL	1910.12	4940	4692	4890	4624	50	67
4223	APR19	ECL	387.15	4980	4745	4910	4795	70	-50
4224	APR19	ECL	1288.18	4960	4664	3590	3433	1370	1232
4225	APR19	ECL	2387.28	5500	5156	3340	3146	2160	2010
4226	APR19	ECL	1819.4	4520	4298	3650	3594	870	704
4227	APR19	ECL	1353.49	4620	4388	4230	3970	390	418
4228	APR19	ECL	2194.86	5180	4975	4460	4166	720	809
4229	APR19	ECL	1413.97	4650	4426	3770	3572	880	855
4230	APR19	ECL	1755.2	3430	3219	3900	3622	-470	-404
4231	APR19	ECL	2046.6	3680	3472	2920	2709	760	763
4232	APR19	ECL	3688.8	4860	4585	3550	3351	1310	1234
4233	APR19	BCCL	3039.68	5650	5448	5790	5364	-140	84
4234	APR19	BCCL	3887.41	4340	4322	4530	4424	-190	-102
4235	APR19	BCCL	3887.41	5250	5224	4530	4424	720	799
4236	APR19	BCCL	3768.32	4270	4240	4740	4639	-470	-399
4237	APR19	BCCL	3768.32	4390	4341	4740	4639	-350	-298
4238	APR19	BCCL	3875.43	4150	4050	5170	5092	-1020	-1042

4239	APR19	BCCL	3875.43	4510	4442	5170	5092	-660	-650
4240	APR19	BCCL	3604.07	5080	5003	4390	4204	690	799
4241	APR19	BCCL	3732.6	4070	4033	4290	4168	-220	-135
4242	APR19	BCCL	3732.6	5180	5017	4290	4168	890	850
4243	APR19	BCCL	3732.6	5550	5421	4290	4168	1260	1254
4244	APR19	BCCL	4030	4870	4767	4050	3952	820	816
4245	APR19	BCCL	3641.69	3800	3716	4290	4129	-490	-413
4246	APR19	BCCL	3336.21	4460	4098	4130	4074	330	24
4247	APR19	BCCL	3336.21	3710	3603	4130	4074	-420	-471
4248	APR19	BCCL	3336.21	6080	5927	4130	4074	1950	1853
4249	APR19	BCCL	3758.28	4280	4198	4380	4327	-100	-129
4250	APR19	BCCL	3758.28	4790	4631	4380	4327	410	304
4251	APR19	BCCL	3648.5	3960	3888	3880	3817	80	71
4252	APR19	BCCL	3648.5	4260	4166	3880	3817	380	349
4253	APR19	BCCL	3654.24	3490	3448	4310	4262	-820	-814
4254	APR19	BCCL	3654.24	4700	4610	4310	4262	390	348
4255	APR19	BCCL	3788.42	3950	3894	5400	5285	-1450	-1391
4256	APR19	BCCL	3788.42	4790	4718	5400	5285	-610	-568
4257	APR19	BCCL	3605.27	3550	3543	3760	3691	-210	-148
4258	APR19	BCCL	3605.27	4460	4429	3760	3691	700	737
4259	APR19	BCCL	3526.27	5310	5116	4180	3941	1130	1175
4260	APR19	BCCL	3526.27	4920	4835	4180	3941	740	894
4261	APR19	BCCL	3526.27	5120	5032	4180	3941	940	1091
4262	APR19	BCCL	3514.57	3560	3549	4700	4623	-1140	-1074
4263	APR19	BCCL	3514.57	3890	3859	4700	4623	-810	-765
4264	APR19	BCCL	3482.67	5040	4850	5110	4902	-70	-52
4265	APR19	BCCL	3482.67	4720	4518	5110	4902	-390	-384
4266	APR19	BCCL	3482.67	4650	4589	5110	4902	-460	-313
4267	APR19	BCCL	3531.22	5060	4869	5070	4827	-10	42
4268	APR19	BCCL	3531.22	4920	4835	5070	4827	-150	8
4269	APR19	BCCL	3531.22	3990	3894	5070	4827	-1080	-933
4270	APR19	BCCL	3548.33	4300	4244	4260	4164	40	79
4271	APR19	BCCL	3548.33	4250	4229	4260	4164	-10	64
4272	APR19	BCCL	3638.4	4980	4794	5040	4856	-60	-62
4273	APR19	BCCL	3638.4	4900	4831	5040	4856	-140	-25
4274	APR19	BCCL	3638.4	4980	4865	5040	4856	-60	9
4275	APR19	BCCL	3638.4	4250	4155	5040	4856	-790	-701
4276	APR19	BCCL	3556.09	4530	4507	3510	3396	1020	1111
4277	APR19	BCCL	3556.09	4490	4463	3510	3396	980	1067
4278	APR19	BCCL	3810.06	5480	5408	3830	3768	1650	1641
4279	APR19	BCCL	3422.26	3900	3821	4540	4361	-640	-540
4280	APR19	BCCL	3422.26	4160	4131	4540	4361	-380	-231
4281	APR19	BCCL	3422.26	4160	4080	3920	3777	240	303
4282	APR19	BCCL	3422.26	4190	4123	3920	3777	270	345
4283	MAY19	CCL	3573.81	4430	4321	3950	3597	480	724
4284	MAY19	CCL	3556.11	4030	4008	3630	3299	400	709
4285	MAY19	CCL		4013	4004	3760	3364	253	640

4286	MAY19	CCL	3556.03	4296	4245	3520	3261	776	983
4287	MAY19	CCL	3658.71	4274	4196	3490	3227	784	969
4288	MAY19	CCL		4143	4027	3870	3694	273	334
4289	MAY19	CCL	3548.81	3846	3775	3700	3520	146	254
4290	MAY19	CCL		3702	3665	3700	3399	2	266
4291	MAY19	CCL	3608.51	4984	4848	3830	3547	1154	1302
4292	MAY19	CCL	3497.63	4142	4088	3710	3394	432	695
4293	MAY19	CCL		4143	4094	3830	3580	313	514
4294	MAY19	CCL	3418.01	4311	4189	4070	3792	241	397
4295	MAY19	CCL	3633.42	4337	4313	3530	3353	807	960
4296	MAY19	CCL		4018	3918	3490	3344	528	574
4297	MAY19	CCL	3403.24	4394	4284	3530	3215	864	1069
4298	MAY19	CCL		3667	3514	3560	3209	107	305
4299	MAY19	CCL	3573.21	4332	4275	3590	3251	742	1024
4300	MAY19	CCL	3673.71	4170	4138	3660	3420	510	718
4301	MAY19	CCL	3906.8	4607	4507	3750	3534	857	973
4302	MAY19	CCL		4586	4477	3950	3668	636	809
4303	MAY19	CCL	3474.14	3801	3684	3490	3224	311	460
4304	MAY19	CCL	3568.32	4181	4096	3490	3218	691	878
4305	MAY19	CCL		3741	3650	3680	3394	61	256
4306	MAY19	CCL	3542.11	4628	4603	3640	3383	988	1220
4307	MAY19	CCL	3514.61	4298	4187	3710	3451	588	736
4308	MAY19	CCL	3915.27	4294	4220	3790	3654	504	566
4309	MAY19	CCL	3516.92	4226	4099	5390	4870	-1164	-770
4310	MAY19	CCL	3365.53	4049	3967	4110	3844	-61	123
4311	MAY19	CCL	3626.7	4276	4203	3910	3633	366	570
4312	MAY19	CCL	3704.5	4777	4659	3640	3521	1137	1138
4313	MAY19	CCL		3304	3181	4440	4322	-1136	-1141
4314	MAY19	CCL	3659.52	3760	3688	3520	3398	240	291
4315	MAY19	CCL	3328.35	4424	4192	3890	3602	534	591
4316	MAY19	CCL	3440.83	4087	3995	3640	3460	447	535
4317	MAY19	CCL	3519.52	3988	3848	3920	3734	68	114
4318	MAY19	CCL	3545.01	4228	4096	3140	2970	1088	1126
4319	MAY19	CCL	3757.39	5067	5001	3710	3463	1357	1538
4320	MAY19	CCL	3696.41	5178	5110	4140	3938	1038	1173
4321	MAY19	CCL	3499.95	3774	3697	3080	2854	694	843
4322	MAY19	CCL	3833.81	3748	3692	3000	2693	748	999
4323	MAY19	CCL		3812	3759	2930	2736	882	1023
4324	MAY19	CCL	3775.52	4651	4666	2920	2727	1731	1939
4325	MAY19	CCL		3835	3753	2560	2340	1275	1413
4326	MAY19	CCL	3895.21	4251	4242	3260	2989	991	1253
4327	MAY19	CCL		3901	3838	3060	2829	841	1009
4328	MAY19	CCL	3678.21	3861	3895	3310	2970	551	925
4329	MAY19	CCL	3593.22	4533	4408	3840	3505	693	903
4330	MAY19	CCL		4197	4003	2960	2576	1237	1426
4331	MAY19	CCL	3722.23	4399	4423	3550	3301	849	1122
4332	MAY19	CCL		4741	4642	2740	2447	2001	2196

4333	MAY19	CCL	3551.51	4381	4390	3370	3138	1011	1253
4334	MAY19	CCL	3251.27	4840	4861	3420	3166	1420	1695
4335	MAY19	CCL	3450.51	4573	4558	3520	3081	1053	1477
4336	MAY19	CCL	3354.22	4834	4823	3440	3083	1394	1740
4337	MAY19	CCL	3340.22	4639	4588	3820	3460	819	1128
4338	MAY19	CCL	3252.71	5155	5006	3510	3147	1645	1859
4339	MAY19	CCL	3538.32	4872	4737	3690	3397	1182	1340
4340	MAY19	CCL	3865.5	4934	4978	3400	3039	1534	1939
4341	MAY19	CCL	3509.72	4665	4573	3610	3425	1055	1148
4342	MAY19	CCL		4405	4208	3870	3575	535	634
4343	MAY19	CCL	3434.73	4671	4537	3920	3572	751	965
4344	MAY19	CCL	3641.51	4958	5052	3600	3332	1358	1719
4345	MAY19	CCL		3965	3909	3670	3425	295	484
4346	MAY19	CCL	3434.73	4485	4520	4460	4092	25	428
4347	MAY19	CCL		3986	3856	3720	3554	266	302
4348	MAY19	CCL	3443.42	4342	4323	4090	3937	252	386
4349	MAY19	CCL	3151.36	4770	4607	4090	3672	680	935
4350	MAY19	CCL	3835	4208	4171	3800	3517	408	653
4351	MAY19	CCL		4456	4426	4010	3824	446	603
4352	MAY19	CCL	3283.72	4267	4221	3710	3566	557	654
4353	MAY19	CCL		4261	4191	3970	3618	291	573
4354	MAY19	CCL	3360.22	4516	4363	3770	3473	746	890
4355	MAY19	CCL		3999	3799	3750	3557	249	243
4356	MAY19	CCL	3287.54	5013	4985	4120	4084	893	901
4357	MAY19	CCL		4730	4673	3990	3849	740	824
4358	MAY19	ECL	2024.38	5020	4854	4300	4067	720	787
4359	MAY19	ECL	814.46	4920	4694	4390	4158	530	536
4360	MAY19	ECL	849.74	4940	4714	4250	4128	690	585
4361	MAY19	ECL	9.1.30	4890	4594	3770	3342	1120	1252
4362	MAY19	ECL	3328.9	4840	4595	3270	3044	1570	1552
4363	MAY19	ECL	1882.91	5550	5217	3650	3417	1900	1800
4364	MAY19	ECL	1958.77	4760	4517	3990	3714	770	803
4365	MAY19	ECL	1095.21	4470	4211	4830	4566	-360	-355
4366	MAY19	ECL	3570.8	4580	4305	3850	3436	730	870
4367	MAY19	ECL	1536.48	4840	4583	4440	4171	400	412
4368	MAY19	ECL	2283.94	4880	4523	3940	3758	940	765
4369	MAY19	ECL	377.25	4850	4540	4820	4475	30	65
4370	MAY19	ECL	824.36	4980	4762	4450	4169	530	593
4371	MAY19	ECL	2214.57	4730	4453	3980	3805	750	648
4372	MAY19	ECL	1833.07	4420	4185	4130	3901	290	284
4373	MAY19	ECL	1900.64	4600	4433	4180	3944	420	489
4374	MAY19	ECL	1171.2	5980	5653	4770	4273	1210	1379
4375	MAY19	ECL	729.7	6040	5750	4920	4447	1120	1303
4376	MAY19	ECL	606.6	5060	4978	4170	3860	890	1118
4377	MAY19	ECL	450.8	5830	5737	5250	4934	580	802
4378	MAY19	ECL	998.9	5950	5708	4500	4157	1450	1551
4379	MAY19	ECL	1018.06	4400	4213	4540	4154	-140	59

4380	MAY19	ECL	1608.52	4680	4455	3490	3221	1190	1234
4381	MAY19	ECL	826.33	4490	4184	3990	3739	500	445
4382	MAY19	ECL	2715.6	4700	4508	3390	3126	1310	1381
4383	MAY19	ECL	964.5	4700	4392	4450	4170	250	222
4384	MAY19	ECL	3753.89	5690	5191	4830	4640	860	551
4385	MAY19	ECL	1155.7	4750	4602	3780	3556	970	1046
4386	MAY19	ECL	2631.21	4690	4453	4040	3831	650	623
4387	MAY19	ECL	3189.31	5630	5167	4630	4378	1000	789
4388	MAY19	ECL	2734.11	5310	5121	3750	3508	1560	1612
4389	MAY19	ECL	986.38	5440	5258	3300	3028	2140	2229
4390	MAY19	ECL	1516.08	4500	4275	3800	3592	700	684
4391	MAY19	ECL	1656.64	4710	4479	3460	3294	1250	1186
4392	MAY19	ECL	1777	4810	4483	3750	3536	1060	947
4393	MAY19	ECL	1909.4	4610	4434	3830	3710	780	724
4394	MAY19	ECL	1441.28	5390	5107	4060	3753	1330	1354
4395	MAY19	ECL	1636.14	5330	5130	3930	3670	1400	1460
4396	MAY19	ECL	745.7	4260	3992	3960	3730	300	262
4397	MAY19	ECL	743.4	4010	3745	4110	3898	-100	-153
4398	MAY19	ECL	711.8	3980	3767	3860	3700	120	67
4399	MAY19	ECL	744.1	3800	3558	3060	2820	740	738
4400	MAY19	ECL	1242.9	4030	3793	3240	2973	790	820
4401	MAY19	ECL	1314.6	4560	4379	4690	4310	-130	68
4402	MAY19	ECL	2490.8	5190	5028	4200	3904	990	1124
4403	MAY19	ECL	1154.52	5450	5291	3330	3050	2120	2241
4404	MAY19	ECL	2566.99	5300	5168	4210	3758	1090	1410
4405	MAY19	ECL	2047.56	4870	4543	3880	3663	990	880
4406	MAY19	ECL	1779.82	4890	4661	3890	3573	1000	1088
4407	MAY19	ECL	1939.1	4710	4494	4030	3760	680	734
4408	MAY19	ECL	1235	4690	4446	4140	3735	550	710
4409	MAY19	ECL	1569.24	4650	4311	3780	3492	870	819
4410	MAY19	ECL	1456.7	4460	4242	3720	3618	740	624
4411	MAY19	ECL	1959.8	4750	4400	4720	4474	30	-74
4412	MAY19	ECL	1373.4	4840	4516	4470	4149	370	367
4413	MAY19	ECL	3709.85	5090	4790	2990	2732	2100	2058
4414	MAY19	ECL	1832.62	5100	4842	4610	4300	490	542
4415	MAY19	ECL	1305.16	5050	4686	4500	4276	550	410
4416	MAY19	ECL	277.14	5020	4772	3980	3661	1040	1111
4417	MAY19	ECL	525.08	4980	4739	3980	3673	1000	1066
4418	MAY19	ECL	3114.49	5020	4765	3420	3117	1600	1648
4419	MAY19	ECL	3420.6	4900	4536	2700	2507	2200	2029
4420	MAY19	ECL	1545.28	4770	4381	4020	3729	750	652
4421	MAY19	ECL	2177.89	4540	4165	3850	3556	690	609
4422	MAY19	ECL	2147.31	4570	4287	3160	2912	1410	1375
4423	MAY19	ECL	1502.08	4390	4095	3340	3092	1050	1003
4424	MAY19	ECL	1588.5	4530	4357	3480	3207	1050	1150
4425	MAY19	ECL	838	4600	4429	3950	3646	650	783
4426	MAY19	ECL	1106.9	4550	4246	3520	3316	1030	930

4427	MAY19	ECL	326.04	5620	5341	2560	2411	3060	2930
4428	MAY19	ECL	3301.19	5680	5352	3310	3066	2370	2286
4429	MAY19	ECL	3896.9	3920	3733	2970	2827	950	906
4430	MAY19	ECL	1260.64	3590	3415	3240	2943	350	472
4431	MAY19	ECL	712.45	2860	2694	3510	3303	-650	-609
4432	MAY19	ECL	959.4	2730	2567	2580	2310	150	257
4433	MAY19	ECL	2085.63	4520	4173	3170	2960	1350	1213
4434	MAY19	ECL	1738.33	4630	4312	3600	3376	1030	936
4435	MAY19	ECL	2054.56	4760	4561	3210	2949	1550	1612
4436	MAY19	ECL	1691.51	4650	4331	3750	3417	900	914
4437	MAY19	ECL	1144.1	5840	5495	4400	4065	1440	1430
4438	MAY19	ECL	577.4	5560	5192	4850	4482	710	710
4439	MAY19	ECL	1246	5720	5309	4460	4077	1260	1233
4440	MAY19	ECL	137.5	5570	5235	4490	4130	1080	1105
4441	MAY19	ECL	713	5670	5401	4200	3844	1470	1556
4442	MAY19	ECL	3786.78	5510	5173	2440	2226	3070	2948
4443	MAY19	ECL	3273.34	3960	3778	3540	3307	420	470
4444	MAY19	ECL	3450.96	2960	2855	3670	3111	-710	-256
4445	MAY19	ECL	2629.3	4240	3864	2700	2563	1540	1301
4446	MAY19	ECL	3077.3	4980	4680	4230	4189	750	491
4447	MAY19	ECL	1733.4	4620	4362	3870	3719	750	643
4448	MAY19	ECL	1814.18	6130	5783	4300	3961	1830	1822
4449	MAY19	ECL	1874.69	6150	5769	3690	3585	2460	2184
4450	MAY19	ECL	4030.7	2910	2784	4040	3752	-1130	-968
4451	MAY19	BCCL	3656.17	5590	5545	4450	4297	1140	1248
4452	MAY19	BCCL	3656.17	5130	5037	4450	4297	680	740
4453	MAY19	BCCL	3490.23	5080	4885	4070	3881	1010	1005
4454	MAY19	BCCL	3490.23	4730	4625	4070	3881	660	744
4455	MAY19	BCCL	3759.8	5400	5307	4200	4038	1200	1269
4456	MAY19	BCCL	3492.27	4750	4712	4160	4084	590	628
4457	MAY19	BCCL	3815.52	4560	4463	4070	3885	490	578
4458	MAY19	BCCL	3461.95	5240	5108	4170	3988	1070	1120
4459	MAY19	BCCL	3766.63	5110	4935	3900	3773	1210	1162
4460	MAY19	BCCL	3814.6	5010	4929	4070	3967	940	962
4461	MAY19	BCCL	3706.15	4650	4622	3920	3761	730	861
4462	MAY19	BCCL	3711.87	5100	4966	4400	4114	700	852
4463	MAY19	BCCL	3685.06	5230	5151	3990	4019	1240	1132
4464	MAY19	BCCL	3785.12	4110	4077	4360	4254	-250	-177
4465	MAY19	BCCL	3661.9	5060	5004	4330	4198	730	806
4466	MAY19	BCCL	3625.54	4760	4736	4390	4332	370	404
4467	MAY19	BCCL	3794.84	4760	4736	4470	4352	290	384
4468	MAY19	BCCL	3721.82	4700	4657	4760	4620	-60	37
4469	MAY19	BCCL	3725.46	5020	4985	4990	4954	30	30
4470	MAY19	BCCL	3857.93	5010	4939	4410	4289	600	650
4471	MAY19	BCCL	3849.19	4540	4531	4500	4400	40	131
4472	MAY19	BCCL	3998.72	4530	4525	4580	4506	-50	19
4473	MAY19	BCCL	3722.67	4690	4652	4460	4311	230	341

4474	MAY19	BCCL	3648.42	4580	4571	4660	4627	-80	-56
4475	MAY19	BCCL	3929.78	3880	3833	3590	3488	290	345
4476	MAY19	BCCL	4008.16	5530	5463	4190	4125	1340	1338
4477	MAY19	BCCL	3634.21	4720	4522	3930	3882	790	640
4478	MAY19	BCCL	3227.52	4540	4389	4210	4086	330	303
4479	MAY19	BCCL	3795.74	4970	4905	4240	4082	730	823
4480	JUNE19	CCL	3497.62	4671	4578	3900	3561	771	1017
4481	JUNE19	CCL		4627	4525	3130	2954	1497	1571
4482	JUNE19	CCL	3750.4	4662	4605	3910	3726	752	879
4483	JUNE19	CCL	3498.11	4576	4495	4180	4031	396	465
4484	JUNE19	CCL	3255.29	5216	5193	3890	3705	1326	1488
4485	JUNE19	CCL		5282	5282	4250	3857	1032	1425
4486	JUNE19	CCL	3585.31	5088	5082	4030	3767	1058	1315
4487	JUNE19	CCL		4973	4940	3550	3383	1423	1557
4488	JUNE19	CCL	3563.21	5198	5315	3980	3826	1218	1489
4489	JUNE19	CCL		3962	3817	3630	3521	332	296
4490	JUNE19	CCL	3537.81	5031	4882	3380	3004	1651	1878
4491	JUNE19	CCL	3636.12	4671	4595	3800	3270	871	1325
4492	JUNE19	CCL		4698	4542	3710	3264	988	1278
4493	JUNE19	CCL	3772.52	5471	5508	3860	3502	1611	2005
4494	JUNE19	CCL	3427.32	4813	4872	3870	3608	943	1264
4495	JUNE19	CCL	3399.11	4458	4364	3830	3564	628	801
4496	JUNE19	CCL	3047.39	5306	5170	3910	3665	1396	1506
4497	JUNE19	CCL	3297.62	4949	4790	4420	4071	529	719
4498	JUNE19	CCL	3956.26	4968	4891	3890	3631	1078	1260
4499	JUNE19	CCL		4533	4423	4160	3814	373	609
4500	JUNE19	CCL	3734.82	4436	4281	3640	3417	796	864
4501	JUNE19	CCL		4868	4879	4050	3743	818	1136
4502	JUNE19	CCL	3710.27	5314	5178	4190	4059	1124	1119
4503	JUNE19	CCL		5111	4947	4320	4092	791	856
4504	JUNE19	CCL	3250.43	5474	5364	4300	3932	1174	1432
4505	JUNE19	CCL	3396.24	4500	4376	3800	3521	700	855
4506	JUNE19	CCL		4167	4089	3890	3607	277	483
4507	JUNE19	CCL	4187.7	4464	4405	3660	3352	804	1053
4508	JUNE19	CCL		4154	4073	3660	3346	494	726
4509	JUNE19	CCL	3521.52	4329	4272	3960	3645	369	627
4510	JUNE19	CCL	3678.91	4866	4674	4180	4034	686	640
4511	JUNE19	CCL	3516.49	4447	4317	3850	3594	597	723
4512	JUNE19	CCL		5228	5176	3300	2917	1928	2259
4513	JUNE19	CCL	3879.41	3895	3653	3660	3462	235	192
4514	JUNE19	CCL		4078	3895	4110	3970	-32	-75
4515	JUNE19	CCL	3675.02	5130	4973	3770	3450	1360	1523
4516	JUNE19	CCL	3136.69	5158	4970	4110	3985	1048	984
4517	JUNE19	CCL		5205	5085	3680	3400	1525	1684
4518	JUNE19	CCL	3404.01	4929	4835	3930	3607	999	1228
4519	JUNE19	CCL		4874	4771	3780	3518	1094	1252
4520	JUNE19	CCL	3401.13	5240	5211	3790	3432	1450	1779

4521	JUNE19	CCL		5169	5014	3730	3425	1439	1589
4522	JUNE19	CCL	3467.92	5150	5087	3670	3366	1480	1721
4523	JUNE19	CCL		5115	4984	3790	3551	1325	1432
4524	JUNE19	CCL	3551.21	4938	4748	3870	3583	1068	1164
4525	JUNE19	CCL	3558.61	4991	4809	3520	3209	1471	1600
4526	JUNE19	CCL	3860.11	3708	3577	3830	3614	-122	-37
4527	JUNE19	CCL		3983	3867	3570	3366	413	501
4528	JUNE19	CCL	3632.41	4819	4873	3280	3000	1539	1873
4529	JUNE19	CCL		3590	3390	3370	3283	220	106
4530	JUNE19	CCL	3399.81	4514	4320	3900	3559	614	761
4531	JUNE19	CCL		4389	4225	3700	3391	689	833
4532	JUNE19	CCL	3215.72	5093	4940	4060	3748	1033	1192
4533	JUNE19	CCL	3265.29	4531	4415	3740	3376	791	1039
4534	JUNE19	CCL	3488.31	4900	4736	3600	3337	1300	1399
4535	JUNE19	CCL	3438.21	5054	4875	3760	3619	1294	1256
4536	JUNE19	CCL		5215	5013	4220	3896	995	1117
4537	JUNE19	CCL	3721.71	5068	4872	3770	3464	1298	1409
4538	JUNE19	CCL	3469.6	4461	4267	3530	3313	931	954
4539	JUNE19	CCL	3366.02	4772	4592	4340	3992	432	600
4540	JUNE19	CCL	3344.03	4566	4362	4370	3995	196	367
4541	JUNE19	CCL	3516.11	4820	4586	3860	3605	960	981
4542	JUNE19	CCL	3720.48	4843	4633	4260	3921	583	712
4543	JUNE19	CCL	3394.92	4977	4812	4130	3772	847	1039
4544	JUNE19	CCL		4968	4840	4080	3873	888	967
4545	JUNE19	CCL	3353.21	4809	4622	4450	4190	359	432
4546	JUNE19	CCL	3644.91	3842	3629	3760	3469	82	159
4547	JUNE19	CCL	3398.61	5087	4905	3930	3590	1157	1315
4548	JUNE19	CCL	3436.91	4384	4103	3960	3624	424	478
4549	JUNE19	CCL	3456.21	5004	4793	4260	3929	744	863
4550	JUNE19	CCL	3693.3	4443	4243	4140	3854	303	388
4551	JUNE19	CCL	3210.01	5020	4881	4000	3699	1020	1182
4552	JUNE19	CCL	3291.32	4502	4364	4170	3929	332	435
4553	JUNE19	CCL		4370	4188	4060	3829	310	359
4554	JUNE19	ECL	2043.6	4440	4142	4180	3819	260	324
4555	JUNE19	ECL	328	4700	4291	3650	3380	1050	911
4556	JUNE19	ECL	1324	4910	4726	3640	3414	1270	1312
4557	JUNE19	ECL	3925.6	3920	3713	1990	1849	1930	1864
4558	JUNE19	ECL	4016.9	3440	3321	4680	4319	-1240	-998
4559	JUNE19	ECL	3164.85	4140	3952	3820	3705	320	246
4560	JUNE19	ECL	1121.76	4330	4156	4290	4136	40	20
4561	JUNE19	ECL	1284.05	4790	4566	4460	4216	330	350
4562	JUNE19	ECL	1297.55	4050	3871	3210	3015	840	856
4563	JUNE19	ECL	3150.77	4740	4421	2340	2185	2400	2236
4564	JUNE19	ECL	407040	3450	3324	2570	2366	880	958
4565	JUNE19	ECL	1278.61	5210	4921	4400	4245	810	675
4566	JUNE19	ECL	2219.32	5190	4918	4390	4222	800	697
4567	JUNE19	ECL	1540.89	4830	4544	3930	3643	900	901

4568	JUNE19	ECL	1983.95	5120	4820	3920	3615	1200	1205
4569	JUNE19	ECL	3688.3	3430	3284	3280	3206	150	78
4570	JUNE19	ECL	1887.88	5190	4905	3930	3722	1260	1183
4571	JUNE19	ECL	1442.78	5510	5239	4360	4184	1150	1055
4572	JUNE19	ECL	1530.44	4750	4478	4010	3551	740	927
4573	JUNE19	ECL	2105.38	5060	4721	3400	3157	1660	1564
4574	JUNE19	ECL	632.2	2480	2294	3910	3771	-1430	-1476
4575	JUNE19	ECL	1021.7	3220	3013	3010	2899	210	114
4576	JUNE19	ECL	880.8	4380	4056	3210	2839	1170	1217
4577	JUNE19	ECL	1171.87	3960	3666	3490	3316	470	350
4578	JUNE19	ECL	2829.83	5420	5179	2320	2081	3100	3097
4579	JUNE19	ECL	965.65	5030	4822	3300	3061	1730	1761
4580	JUNE19	ECL	2948	5610	5244	3550	3287	2060	1957
4581	JUNE19	ECL	1014	5660	5321	3520	3052	2140	2269
4582	JUNE19	ECL	654.11	3100	2889	2750	2627	350	262
4583	JUNE19	ECL	344.59	2980	2790	3540	3429	-560	-639
4584	JUNE19	ECL	1580.59	3370	3157	3560	3444	-190	-287
4585	JUNE19	ECL	932.64	3890	3664	3870	3862	20	-198
4586	JUNE19	ECL	2516.42	4860	4580	2770	2662	2090	1918
4587	JUNE19	ECL	1035.11	6090	5765	4550	4194	1540	1571
4588	JUNE19	ECL	1912.02	4520	4394	4330	4045	190	349
4589	JUNE19	ECL	1024.71	5170	5052	4370	3950	800	1102
4590	JUNE19	ECL	1698.82	4880	4680	2640	2479	2240	2201
4591	JUNE19	ECL	1942.83	4700	4443	3910	3640	790	802
4592	JUNE19	ECL	3815.6	3460	3330	3560	3545	-100	-216
4593	JUNE19	ECL	4016.5	4260	4058	3780	3530	480	528
4594	JUNE19	ECL	593.1	4750	4541	2940	2763	1810	1778
4595	JUNE19	ECL	645.8	4830	4664	4080	3894	750	770
4596	JUNE19	ECL	1992.3	4940	4775	1920	1696	3020	3079
4597	JUNE19	ECL	1980.2	4640	4298	2940	2716	1700	1582
4598	JUNE19	ECL	1683.68	4680	4336	2170	2021	2510	2315
4599	JUNE19	ECL	2673.16	4490	4290	3680	3414	810	875
4600	JUNE19	ECL	871.08	4580	4400	3680	3407	900	993
4601	JUNE19	ECL	909.08	4000	3702	3200	3143	800	559
4602	JUNE19	ECL	2896.42	3670	3405	3770	3673	-100	-268
4603	JUNE19	ECL	4010.3	3820	3630	4130	3954	-310	-324
4604	JUNE19	ECL	4064.3	5280	5007	2500	2301	2780	2706
4605	JUNE19	BCCL	3896.95	3880	3810	4640	4457	-760	-647
4606	JUNE19	BCCL	1273.01	4340	4327	3810	3698	530	629
4607	JUNE19	BCCL	1033.12	5650	5627	4170	4073	1480	1554
4608	JUNE19	BCCL	1678.51	5700	5643	3740	3638	1960	2005
4609	JUNE19	BCCL	3716.23	4170	4120	3610	3548	560	572
4610	JUNE19	BCCL	3537.55	4420	4375	3590	3525	830	851
4611	JUNE19	BCCL	3699.6	3990	3946	4950	4865	-960	-919
4612	JUNE19	BCCL	3685.74	4980	4920	4440	4319	540	601
4613	JUNE19	BCCL	3823.77	4290	4165	4570	4510	-280	-345
4614	JUNE19	BCCL	3618.8	4270	4197	3810	3733	460	464

4615	JUNE19	BCCL	3812.6	4320	4285	4120	4037	200	248
4616	JUNE19	BCCL	3960.01	3940	3785	4360	4294	-420	-509
4617	JUNE19	BCCL	3537.99	5000	4879	4980	4930	20	-50
4618	JUNE19	BCCL	3724.2	3780	3723	4030	3985	-250	-262
4619	JUNE19	BCCL	3767.82	4090	4041	4080	4039	10	2
4620	JUNE19	BCCL	3569.5	4860	4679	5170	5081	-310	-403
4621	JUNE19	BCCL	3733.11	4220	4177	4630	4592	-410	-415
4622	JUNE19	BCCL	3730.46	4590	4567	4240	4137	350	430
4623	JUNE19	BCCL	3599.36	4760	4731	4240	4189	520	543
4624	JUNE19	BCCL	203065	4610	4340	4970	4804	-360	-463
4625	JUNE19	BCCL	3866.46	4900	4543	5410	5180	-510	-637
4626	JUNE19	BCCL	1518.31	5700	5556	3960	3816	1740	1740
4627	JUNE19	BCCL	1362.1	5480	5270	4210	4082	1270	1189
4628	JUNE19	BCCL	1103.5	5480	5348	4380	4194	1100	1154
4629	JUNE19	BCCL	3561.79	5400	5171	4960	4774	440	397
4630	JUNE19	BCCL	3576.99	4950	4608	4990	4818	-40	-210
4631	JUNE19	BCCL	3448.84	5260	4999	4970	4739	290	261
4632	JUNE19	BCCL	3713	4740	4528	4650	4503	90	25
4633	JULY19	CCL	3190.04	4220	3941	4200	3795	20	146
4634	JULY19	CCL	3412.01	4692	4475	4100	3715	592	761
4635	JULY19	CCL	3546.41	5081	4839	3640	3300	1441	1539
4636	JULY19	CCL	3057.65	4599	4372	3980	3699	619	672
4637	JULY19	CCL	3352.01	5030	4726	4460	4068	570	659
4638	JULY19	CCL	3213.25	4955	4769	4380	3983	575	787
4639	JULY19	CCL	3146.35	4714	4480	4080	3783	634	697
4640	JULY19	CCL	3152.27	4502	4255	4490	4087	12	168
4641	JULY19	CCL	3712.54	4675	4449	3780	3409	895	1040
4642	JULY19	CCL	3194.93	4790	4505	4120	3716	670	788
4643	JULY19	CCL	3511.51	5061	4750	4330	3876	731	874
4644	JULY19	CCL		4805	4505	4090	3754	715	750
4645	JULY19	CCL	3463.01	4607	4293	4310	3907	297	386
4646	JULY19	CCL		4625	4359	4480	4176	145	183
4647	JULY19	CCL	3527.21	4774	4642	4300	3897	474	746
4648	JULY19	CCL	3386.63	4727	4638	4220	3873	507	766
4649	JULY19	CCL	3519.26	4852	4713	4080	3679	772	1035
4650	JULY19	CCL	3387.21	4869	4708	3820	3441	1049	1267
4651	JULY19	CCL	3601.17	4556	4341	3980	3745	576	595
4652	JULY19	CCL	3428.22	4954	4729	3970	3592	984	1137
4653	JULY19	CCL	3490.81	4801	4559	4240	3852	561	706
4654	JULY19	CCL	3306.52	4491	4205	3910	3437	581	768
4655	JULY19	CCL	3272.13	4127	3837	3860	3496	267	342
4656	JULY19	CCL	3408.37	4493	4344	4100	3919	393	425
4657	JULY19	CCL	3001.63	4117	4040	3930	3645	187	395
4658	JULY19	CCL	3431.01	4380	4235	4110	3698	270	538
4659	JULY19	CCL	3319.23	4904	4748	3690	3276	1214	1472
4660	JULY19	CCL	3487.61	4717	4561	3740	3376	977	1185
4661	JULY19	CCL	3628.92	4430	4202	3450	3307	980	895

4662	JULY19	CCL	3681.16	4333	4086	3140	2871	1193	1215
4663	JULY19	CCL		3783	3503	3630	3329	153	174
4664	JULY19	CCL	3690.34	4431	4215	3720	3407	711	808
4665	JULY19	CCL	3737.4	5880	5617	4580	4343	1300	1275
4666	JULY19	CCL	3743.69	4719	4527	4050	3636	669	892
4667	JULY19	CCL	3457.5	4283	4054	4170	3891	113	164
4668	JULY19	CCL	3650.91	4560	4380	4070	3747	490	634
4669	JULY19	CCL	3462.41	4468	4340	4190	3954	278	387
4670	JULY19	CCL	3574.41	4904	4731	4010	3524	894	1207
4671	JULY19	CCL	3653.28	4675	4525	4140	3656	535	868
4672	JULY19	CCL	3362.86	4706	4514	4040	3512	666	1002
4673	JULY19	CCL	3572.31	4205	4035	3960	3527	245	508
4674	JULY19	CCL	3088.62	5008	4751	3980	3627	1028	1125
4675	JULY19	ECL	4099.59	3560	3394	3550	3370	10	24
4676	JULY19	ECL	1250.2	4680	4434	4590	4315	90	118
4677	JULY19	ECL	2613.71	4040	3857	3820	3545	220	312
4678	JULY19	ECL	282	5790	5332	4470	4139	1320	1193
4679	JULY19	ECL	656	5640	5199	5190	4736	450	462
4680	JULY19	ECL	833.4	5540	5267	5000	4621	540	646
4681	JULY19	ECL	2235.6	5240	4949	4790	4304	450	645
4682	JULY19	ECL	1272.83	4160	3844	4060	3676	100	168
4683	JULY19	ECL	2532.29	3610	3367	3630	3335	-20	31
4684	JULY19	ECL	1892.4	5560	5106	3220	2945	2340	2161
4685	JULY19	ECL	1579.36	5560	5055	4550	4138	1010	917
4686	JULY19	ECL	897.9	6090	5727	5260	4889	830	838
4687	JULY19	ECL	2771.39	6050	5723	4390	4156	1660	1567
4688	JULY19	ECL	2319.7	3570	3282	3830	3527	-260	-245
4689	JULY19	ECL	1295	3610	3325	3310	3098	300	227
4690	JULY19	ECL	1997.94	4570	4076	2960	2851	1610	1225
4691	JULY19	ECL	198.2	5010	4505	3480	3381	1530	1124
4692	JULY19	ECL	1373.64	4090	3633	3130	3051	960	582
4693	JULY19	ECL	275.1	3790	3387	2980	2874	810	513
4694	JULY19	ECL	3705.84	3660	3415	3560	3344	100	72
4695	JULY19	ECL	2370.5	6010	5853	4720	4031	1290	1822
4696	JULY19	ECL	1082.34	5950	5710	4420	4098	1530	1611
4697	JULY19	ECL	1552.13	5950	5713	3920	3425	2030	2288
4698	JULY19	ECL	2265.6	5910	5581	4370	3824	1540	1756
4699	JULY19	ECL	1747.67	4360	3971	4380	3920	-20	51
4700	JULY19	ECL	487.9	5530	5112	4380	3822	1150	1290
4701	JULY19	ECL	1391.8	3860	3419	3270	2863	590	556
4702	JULY19	ECL	279.2	5540	5121	4290	3830	1250	1291
4703	JULY19	ECL	2002	4120	3899	3740	3553	380	345
4704	JULY19	ECL	2079.8	4250	3936	3690	3393	560	543
4705	JULY19	ECL	673.3	5330	5067	4070	3838	1260	1229
4706	JULY19	ECL	1939.9	5740	5507	2670	2441	3070	3066
4707	JULY19	ECL	1156.48	5770	5426	4270	3908	1500	1518
4708	JULY19	ECL	1489.08	6100	5892	3330	3077	2770	2815

4709	JULY19	ECL	890.1	6080	5947	2970	2728	3110	3218
4710	JULY19	ECL	1546.76	5820	5642	3430	3163	2390	2479
4711	JULY19	ECL	3759.15	4260	3919	4290	4069	-30	-150
4712	JULY19	ECL	1397.02	5720	5339	2360	2226	3360	3113
4713	JULY19	ECL	1063.16	5280	5063	4640	4382	640	681
4714	JULY19	ECL	1376.92	5650	5316	3530	3289	2120	2027
4715	JULY19	ECL	1449.5	4980	4691	4140	4050	840	641
4716	JULY19	ECL	2515.16	4220	3980	3320	3047	900	933
4717	JULY19	ECL	1971.9	6120	5892	4770	4574	1350	1318
4718	JULY19	ECL	880.1	6020	5876	3720	3408	2300	2467
4719	JULY19	ECL	1022.9	6120	5973	4110	3900	2010	2072
4720	JULY19	BCCL	3743.56	4520	4369	3670	3554	850	815
4721	JULY19	BCCL	3803.43	4810	4546	4470	4275	340	271
4722	JULY19	BCCL	3892.8	4700	4557	4430	4268	270	289
4723	JULY19	BCCL	1401.86	3570	3498	3710	3635	-140	-136
4724	JULY19	BCCL	1574.71	5520	5336	3880	3750	1640	1586
4725	JULY19	BCCL	714.76	5300	5225	4360	4276	940	949
4726	JULY19	BCCL	3721.97	4700	4601	3790	3654	910	946
4727	JULY19	BCCL	744.18	3940	3876	3830	3709	110	167
4728	JULY19	BCCL	3250.26	4650	4551	3670	3592	980	960
4729	JULY19	BCCL	1516.4	3760	3718	3730	3578	30	140
4730	JULY19	BCCL	1213.8	5160	5024	3820	3673	1340	1352
4731	JULY19	BCCL	1224.4	5230	4987	3750	3643	1480	1344
4732	AUG19	CCL	3142.24	4838	4596	4070	3754	768	842
4733	AUG19	CCL	3065.83	5092	4876	3880	3432	1212	1444
4734	AUG19	CCL	3358.11	4886	4689	3910	3574	976	1115
4735	AUG19	CCL	3141.96	4248	3946	4340	3957	-92	-11
4736	AUG19	CCL	3858.7	5450	5009	4610	4271	840	737
4737	AUG19	CCL	3463.31	4558	4318	3850	3530	708	789
4738	AUG19	CCL	3481.31	4286	4029	3770	3361	516	668
4739	AUG19	CCL	3864.5	4160	3988	3710	3638	450	350
4740	AUG19	CCL	3359.02	4084	3875	3740	3420	344	456
4741	AUG19	CCL	3343.52	4568	4427	4280	3897	288	530
4742	AUG19	CCL	3323.91	4496	4273	4300	3951	196	321
4743	AUG19	CCL	3267.21	4485	4355	4190	3729	295	626
4744	AUG19	CCL	3286.61	4374	4243	3760	3544	614	699
4745	AUG19	CCL	3309.23	4342	4166	3770	3332	572	834
4746	AUG19	CCL	3171.25	4236	4036	4060	3630	176	407
4747	AUG19	CCL	3535.79	4375	4235	4100	3653	275	582
4748	AUG19	CCL	3451.81	4723	4520	3740	3311	983	1209
4749	AUG19	CCL	3425.13	5221	5032	3770	3450	1451	1582
4750	AUG19	CCL	3345.63	5090	4948	3740	3395	1350	1554
4751	AUG19	CCL	3306.74	4409	4237	3760	3451	649	786
4752	AUG19	CCL	3295.34	4633	4402	3270	2941	1363	1462
4753	AUG19	CCL	3331.85	4520	4425	3670	3411	850	1014
4754	AUG19	CCL	3745.41	4589	4319	3680	3243	909	1076
4755	AUG19	CCL	3570.01	4720	4516	3390	3009	1330	1506

4756	AUG19	CCL	3588.61	4791	4577	3750	3450	1041	1126
4757	AUG19	CCL	3411.22	4472	4244	3920	3528	552	716
4758	AUG19	CCL	3683.11	4404	4174	3740	3434	664	741
4759	AUG19	CCL	3524.61	4419	4111	3700	3426	719	684
4760	AUG19	CCL	3442.25	4082	3806	3390	3119	692	687
4761	AUG19	CCL	4265.2	4430	4265	3980	3532	450	733
4762	AUG19	CCL	3426.84	4430	4200	3400	3070	1030	1130
4763	AUG19	CCL	3914.67	4160	4017	4620	4410	-460	-393
4764	AUG19	ECL	1210.9	4370	4118	3930	3682	440	437
4765	AUG19	ECL	2386.4	3820	3615	3960	3763	-140	-148
4766	AUG19	ECL	2794.32	4800	4197	3330	3020	1470	1177
4767	AUG19	ECL	1308.72	5600	5014	4500	4175	1100	839
4768	AUG19	ECL	1278.34	6100	5690	5080	4636	1020	1054
4769	AUG19	ECL	2041.4	6150	5783	4620	4289	1530	1493
4770	AUG19	ECL	1683.79	4380	4185	3300	3000	1080	1185
4771	AUG19	ECL	314.58	5680	5443	4700	4313	980	1130
4772	AUG19	ECL	1343.76	3770	3440	4590	4357	-820	-918
4773	AUG19	ECL	363.08	5290	4949	3750	3467	1540	1482
4774	AUG19	ECL	1913.72	5920	5595	3990	3666	1930	1929
4775	AUG19	ECL	829.13	5740	5505	4060	3760	1680	1745
4776	AUG19	ECL	987.94	5670	5403	2920	2703	2750	2700
4777	AUG19	ECL	1982.27	5770	5473	4110	3762	1660	1711
4778	AUG19	ECL	521.96	5700	5308	4460	4158	1240	1150
4779	AUG19	ECL	1029.57	5770	5423	3000	2752	2770	2671
4780	AUG19	ECL	415.1	5320	4858	3750	3391	1570	1467
4781	AUG19	ECL	727.4	5700	5449	4830	4401	870	1048
4782	AUG19	ECL	1119	5620	5468	5010	4574	610	894
4783	AUG19	ECL	1527.46	5640	5413	3550	3190	2090	2223
4784	AUG19	ECL	1355.32	5650	5344	3540	3193	2110	2150
4785	AUG19	ECL	922.28	5620	5394	4320	3921	1300	1474
4786	AUG19	ECL	1456.1	5670	5354	2810	2665	2860	2689
4787	AUG19	ECL	1508.4	5450	5144	4550	4130	900	1014
4788	AUG19	ECL	1005.2	4220	4048	4090	3864	130	185
4789	AUG19	ECL	2108.05	4120	3869	2950	2787	1170	1083
4790	AUG19	ECL	1767.05	5260	4900	3530	3243	1730	1658
4791	AUG19	ECL	2827.4	4130	3710	3690	3324	440	386
4792	AUG19	ECL	1096.73	5260	4682	5430	5062	-170	-380
4793	AUG19	ECL	1539.43	4590	4236	3800	3525	790	711
4794	AUG19	ECL	2365.02	4240	3879	3980	3579	260	300
4795	AUG19	ECL	2463.95	5180	4564	3710	3398	1470	1166
4796	AUG19	ECL		5280	4743	4410	4044	870	699
4797	AUG19	ECL	1126.08	5450	5118	3730	3855	1720	1263
4798	AUG19	ECL	853.1	5300	4952	3890	3606	1410	1347
4799	AUG19	ECL	1762.9	5430	5180	2550	2345	2880	2835
4800	AUG19	ECL	1957.76	4950	4730	4300	4017	650	713
4801	AUG19	ECL	667.32	5380	5063	3910	3621	1470	1442
4802	AUG19	ECL	1212.76	5140	4894	4490	4230	650	664

4803	AUG19	ECL	1917.15	4490	4290	4550	4074	-60	216
4804	AUG19	ECL	1216.37	5070	4812	4400	3950	670	861
4805	AUG19	ECL	2442.08	4710	4318	4240	3908	470	410
4806	AUG19	ECL	1355.5	4350	3986	3320	3030	1030	956
4807	AUG19	ECL	2218.28	6210	6016	4210	3852	2000	2163
4808	AUG19	ECL	524.98	6290	5970	4320	4022	1970	1948
4809	AUG19	ECL	957.88	6190	6055	4720	4342	1470	1713
4810	AUG19	ECL	2304.4	5040	4791	4130	3720	910	1071
4811	AUG19	ECL	1731.3	4190	3934	3780	3475	410	459
4812	AUG19	ECL	2023.6	5030	4724	3410	3158	1620	1566
4813	AUG19	ECL	255.2	4920	4621	3260	2997	1660	1624
4814	AUG19	ECL	1000.1	4070	3830	3290	2971	780	859
4815	AUG19	ECL	324.5	5530	5184	4000	3680	1530	1504
4816	AUG19	ECL	2672.8	3290	3123	3880	3711	-590	-587
4817	AUG19	ECL	1342.3	3000	2847	2780	2650	220	197
4818	AUG19	ECL	2743.8	5050	4858	4470	4112	580	746
4819	AUG19	ECL	1588.9	4440	4221	4390	4144	50	78
4820	AUG19	ECL	2188	4130	3817	3730	3454	400	363
4821	AUG19	ECL	2062.8	5340	4993	3220	2948	2120	2045
4822	AUG19	ECL	354.4	4840	4448	3410	3096	1430	1352
4823	AUG19	ECL	1266.1	3280	2997	3450	3182	-170	-184
4824	AUG19	ECL	490.77	4670	4368	3190	2882	1480	1486
4825	AUG19	ECL	985.74	6120	5943	5040	4699	1080	1244
4826	AUG19	ECL	893.48	5670	5510	5220	4815	450	694
4827	AUG19	ECL	272.6	5790	5463	4680	4219	1110	1244
4828	AUG19	ECL	904.61	5680	5416	4190	3905	1490	1511
4829	AUG19	ECL	143.68	6120	5720	4720	4393	1400	1327
4830	AUG19	ECL	2474.6	5200	4933	3260	2998	1940	1934
4831	AUG19	ECL	1321	4420	4071	3470	3275	950	796
4832	AUG19	ECL	2163.6	3530	3362	3570	3428	-40	-66
4833	AUG19	ECL	557.3	940	901	3520	3366	-2580	-2466
4834	AUG19	ECL	1153.8	1900	1819	3750	3587	-1850	-1768
4835	AUG19	BCCL	3733.85	4520	4241	4660	4452	-140	-210
4836	AUG19	BCCL	3596.11	4410	4190	5130	4874	-720	-684
4837	AUG19	BCCL	3702.27	4200	3999	4480	4252	-280	-253
4838	AUG19	BCCL	3761.8	4030	3764	3760	3645	270	119
4839	AUG19	BCCL	3556.37	4310	4197	3570	3413	740	784
4840	AUG19	BCCL	4115.8	4510	4198	4300	4143	210	55
4841	AUG19	BCCL	3765.6	4280	3971	3940	3755	340	215
4842	AUG19	BCCL	3893.65	5940	5910	3660	3522	2280	2388
4843	SEP19	CCL	4099.2	4470	4299	4410	4257	60	41
4844	SEP19	CCL	4082.8	4800	4630	4580	4349	220	282
4845	SEP19	CCL	3480.01	4300	4161	3760	3408	540	753
4846	SEP19	CCL	3666.01	3903	3635	3640	3327	263	308
4847	SEP19	CCL	3465.81	4250	4104	3860	3537	390	567
4848	SEP19	CCL	3306.05	4505	4297	3300	3049	1205	1247
4849	SEP19	CCL	3283.03	4801	4590	3640	3266	1161	1324

4850	SEP19	CCL	3592.01	3857	3644	3620	3280	237	364
4851	SEP19	ECL	3289.59	2780	2623	3040	2813	-260	-190
4852	SEP19	ECL	2752.44	5250	5047	4210	3867	1040	1180
4853	SEP19	ECL	388.53	5010	4881	3420	3092	1590	1789
4854	SEP19	ECL	460.62	3470	3265	2840	2568	630	697
4855	SEP19	ECL	194.16	5360	5157	2780	2604	2580	2553
4856	SEP19	ECL	1663.39	3460	3278	4020	3865	-560	-587
4857	SEP19	ECL	1831.14	3070	2958	3340	3174	-270	-216
4858	SEP19	ECL	2146.55	4440	4228	4170	3986	270	242
4859	SEP19	ECL	276.34	5290	5086	2430	2213	2860	2874
4860	SEP19	ECL	675.16	3000	2787	2710	2400	290	386
4861	SEP19	ECL	136.17	5250	5131	2660	2342	2590	2790
4862	SEP19	ECL	1596.97	4650	4318	4080	3926	570	392
4863	SEP19	ECL	2172.95	4130	3853	3610	3444	520	409
4864	SEP19	ECL	946.75	5230	5082	4090	3795	1140	1287
4865	SEP19	ECL	2291.32	5690	5485	4280	3958	1410	1528
4866	SEP19	ECL	535.03	5240	5040	4410	4064	830	976
4867	SEP19	ECL	771.76	4790	4522	2430	2203	2360	2320
4868	SEP19	ECL	1304	5100	4759	3530	3264	1570	1495
4869	SEP19	ECL	1721.64	5500	5116	1070	1009	4430	4107
4870	SEP19	ECL	2262.5	6000	5656	3280	3064	2720	2592
4871	SEP19	ECL	1845.5	2930	2749	2640	2462	290	287
4872	SEP19	BCCL	3729.09	4940	4659	4670	4438	270	221
4873	SEP19	BCCL	3893.43	5140	5041	3930	3806	1210	1235
4874	SEP19	BCCL	3362.49	5050	4805	4860	4647	190	158
4875	SEP19	BCCL	3924.1	2660	2557	2730	2643	-70	-86
4876	SEP19	BCCL	3631.18	4990	4935	3870	3733	1120	1202
4877	SEP19	BCCL	3515.4	4180	4121	2660	2576	1520	1544
4878	SEP19	BCCL	3558.47	4710	4543	2450	2368	2260	2175
4879	SEP19	BCCL	3658.14	4280	4177	4180	4015	100	162
4880	SEP19	BCCL	3510.38	2920	2728	4030	3833	-1110	-1105
4881	OCT19	CCL	4037.5	4351	4714	3110	2798	1241	1916
4882	OCT19	CCL	4084.9	4210	4060	3770	3511	440	549
4883	OCT19	CCL	3250.62	3461	3222	3940	3559	-479	-337
4884	OCT19	CCL	3695	4392	4227	3770	3473	622	753
4885	OCT19	CCL	3578.1	5009	4756	3990	3699	1019	1057
4886	OCT19	CCL	3951.2	4291	3992	4110	3772	181	221
4887	OCT19	CCL	4113.8	4354	4047	3970	3566	384	482
4888	OCT19	CCL	3719.89	3509	3219	3700	3357	-191	-138
4889	OCT19	CCL	3790.8	4375	4227	4060	3643	315	584
4890	OCT19	CCL	3934.68	4337	4208	3920	3591	417	618
4891	OCT19	ECL	1866.17	5420	5166	4200	3934	1220	1232
4892	OCT19	ECL	1404.1	5670	5280	4880	4500	790	781
4893	OCT19	ECL	1552.6	4590	4222	3990	3665	600	557
4894	OCT19	ECL	2994.61	2870	2773	3250	3187	-380	-414
4895	OCT19	ECL	670.79	2820	2710	2620	2566	200	144
4896	OCT19	ECL	496.4	4480	4053	3570	3453	910	600

4897	OCT19	ECL	1488.9	4620	4192	3370	3229	1250	963
4898	OCT19	ECL	2145.4	3970	3619	3560	3448	410	172
4899	OCT19	ECL	1907.28	5050	4754	3380	3100	1670	1653
4900	OCT19	ECL	188.74	5600	5191	4260	3999	1340	1192
4901	OCT19	ECL	1581.79	5000	4564	3890	3615	1110	948
4902	OCT19	ECL	116.44	5410	5090	4250	3972	1160	1118
4903	OCT19	ECL	1928.76	4940	4627	4850	4435	90	192
4904	OCT19	ECL	2009.56	4180	3868	3460	3222	720	646
4905	OCT19	ECL	708.7	4060	3768	3840	3636	220	132
4906	OCT19	ECL	557.7	4340	3970	2920	2745	1420	1226
4907	OCT19	ECL	557.6	4090	3725	3350	3093	740	632
4908	OCT19	ECL	960.7	3730	3374	3570	3306	160	68
4909	OCT19	ECL	1247.5	4240	3968	3740	3522	500	446
4910	OCT19	ECL	1826.62	4250	4081	3650	3516	600	565
4911	OCT19	ECL	2013.04	3310	3168	2900	2855	410	313
4912	OCT19	ECL	1300.67	5970	5527	5190	4979	780	548
4913	OCT19	ECL	735.95	5790	5294	4130	3846	1660	1449
4914	OCT19	ECL	338.53	5740	5337	4560	4301	1180	1036
4915	OCT19	ECL	830.82	5870	5384	4830	4635	1040	750
4916	OCT19	ECL	575.24	5750	5269	5350	5010	400	259
4917	OCT19	ECL	687.5	4080	3773	3310	3116	770	657
4918	OCT19	ECL	730.3	4220	3920	3780	3594	440	326
4919	OCT19	ECL	2085.6	3680	3399	3210	3072	470	327
4920	OCT19	BCCL	3783.68	3640	3480	4010	3862	-370	-382
4921	OCT19	BCCL	3858.01	5060	4983	4620	4521	440	462
4922	OCT19	BCCL	4039.68	5090	5003	4230	4093	860	910
4923	OCT19	BCCL	3295.02	4550	4287	5170	5033	-620	-746
4924	OCT19	BCCL	3818.61	5170	5087	5150	5035	20	51
4925	OCT19	BCCL	4141.84	4250	4181	4130	4000	120	181
4926	OCT19	BCCL	3765.6	5090	5033	4320	4215	770	819
4927	OCT19	BCCL	3875.74	3250	3041	3410	3278	-160	-236
4928	NOV19	CCL	3731.26	4558	4315	3940	3652	618	663
4929	NOV19	CCL	3726.7	4622	4421	4310	4034	312	388
4930	NOV19	CCL	3910.5	5155	4930	3970	3684	1185	1246
4931	NOV19	CCL	4009	3662	3304	3640	3394	22	-90
4932	NOV19	CCL	3707.12	3970	3560	3570	3329	400	231
4933	NOV19	CCL	4070.4	3974	3563	3540	3203	434	360
4934	NOV19	CCL	4065	4067	3664	3320	3068	747	596
4935	NOV19	CCL	4136.8	3983	3599	3660	3296	323	303
4936	NOV19	CCL	3663.88	3831	3482	3620	3275	211	207
4937	NOV19	CCL	4024.4	3807	3475	3720	3525	87	-50
4938	NOV19	CCL	3633.26	3977	3619	3860	3507	117	113
4939	NOV19	CCL	3959.4	3803	3445	3960	3578	-157	-132
4940	NOV19	CCL	3739.24	4241	3898	3890	3439	351	459
4941	NOV19	CCL	4124.8	5190	5065	4450	4346	740	718
4942	NOV19	CCL	3919.6	5420	5414	3730	3643	1690	1771
4943	NOV19	CCL		5280	5253	3160	3070	2120	2183

4944	NOV19	CCL	4211.2	4229	3878	3460	3120	769	758
4945	NOV19	CCL	4028	4090	3714	3700	3309	390	405
4946	NOV19	CCL	4074.2	4079	3699	3720	3400	359	300
4947	NOV19	CCL	3696.44	3941	3563	3350	3015	591	548
4948	NOV19	CCL	4015.1	4564	4334	3670	3350	894	984
4949	NOV19	CCL	4096	4201	3814	3570	3211	631	604
4950	NOV19	CCL	3882.6	3823	3459	3420	3063	403	396
4951	NOV19	CCL	4188.6	3685	3456	3350	3132	335	324
4952	NOV19	CCL	4159.4	3802	3428	3670	3282	132	146
4953	NOV19	CCL	4178.97	3787	3445	3540	3204	247	241
4954	NOV19	CCL	4371.4	3982	3617	2950	2631	1032	986
4955	NOV19	CCL	4209.6	4158	3822	3340	3109	818	714
4956	NOV19	CCL	4139	3605	3307	3590	3230	15	77
4957	NOV19	CCL	4016.4	3781	3472	3450	3127	331	345
4958	NOV19	CCL	3995	3492	3190	3120	2775	372	415
4959	NOV19	CCL	4032.8	3909	3573	3390	2986	519	588
4960	NOV19	CCL	4073.2	3595	3279	3510	3102	85	177
4961	NOV19	CCL	4133.6	3420	3133	3470	3066	-50	67
4962	NOV19	CCL	3841.83	3409	3124	3530	3153	-121	-29
4963	NOV19	CCL	4064	3600	3296	3270	2926	330	370
4964	NOV19	CCL	4161.2	3566	3258	3230	2822	336	436
4965	NOV19	CCL	3831.09	3758	3433	3450	3109	308	324
4966	NOV19	CCL	4109	3148	2837	3520	3154	-372	-317
4967	NOV19	CCL	3876.28	4219	3826	3300	2935	919	891
4968	NOV19	CCL	4020.8	3637	3319	3340	2942	297	377
4969	NOV19	CCL	4046.4	3617	3269	3330	2944	287	325
4970	NOV19	CCL	3852.08	3343	3041	3250	2914	93	127
4971	NOV19	CCL	4002.2	4057	3694	3020	2645	1037	1049
4972	NOV19	CCL	3912	3653	3343	3790	3302	-137	42
4973	NOV19	CCL	3929	2839	2571	2830	2555	9	16
4974	NOV19	CCL	3738.4	3844	3477	2940	2612	904	865
4975	NOV19	ECL	1710.47	3850	3714	4350	4125	-500	-411
4976	NOV19	ECL	2093.18	3100	2978	3610	3424	-510	-446
4977	NOV19	ECL	3782.21	3810	3678	4060	3937	-250	-258
4978	NOV19	ECL	1183.06	5100	4664	4500	4242	600	422
4979	NOV19	ECL	2556.52	4510	4206	4110	3884	400	321
4980	NOV19	ECL	2187.7	3420	3261	3870	3759	-450	-498
4981	NOV19	ECL	1740.9	3320	3168	3320	3259	0	-90
4982	NOV19	ECL	2007.26	3960	3812	4200	4059	-240	-248
4983	NOV19	ECL	1645.31	1920	1844	3750	3669	-1830	-1825
4984	NOV19	ECL	3865.88	3180	3011	3260	3115	-80	-104
4985	NOV19	ECL	1381.3	3600	3465	4160	4076	-560	-611
4986	NOV19	ECL	2067.6	3560	3426	3620	3495	-60	-69
4987	NOV19	ECL	1740.06	5520	5255	4350	4057	1170	1198
4988	NOV19	ECL	2140.33	5330	5191	5000	4632	330	559
4989	NOV19	ECL	2409.39	5080	4878	3740	3327	1340	1551
4990	NOV19	ECL	1177.27	4960	4723	4150	3854	810	869

4991	NOV19	ECL	1712.07	3890	3722	4230	4157	-340	-435
4992	NOV19	ECL	1900.37	3280	3141	2860	2772	420	369
4993	NOV19	BCCL	3827.42	5180	5081	3760	3634	1420	1447
4994	NOV19	BCCL	3773.67	6030	5829	2490	2394	3540	3435
4995	NOV19	BCCL	3769.18	3340	3242	3480	3381	-140	-139
4996	NOV19	BCCL	3866.91	4920	4841	4880	4742	40	99
4997	NOV19	BCCL	3710.5	5130	5006	3790	3706	1340	1300
4998	NOV19	BCCL	4045.57	5580	5507	4250	4117	1330	1390
4999	NOV19	BCCL	3648.63	5850	5708	4580	4432	1270	1277
5000	NOV19	BCCL	4025.33	4580	4502	4190	4114	390	388
5001	NOV19	BCCL	3899.44	5360	5246	5440	5357	-80	-110
5002	NOV19	BCCL	3830.47	5080	5003	4990	4904	90	99
5003	NOV19	BCCL	3904.13	5650	5582	4780	4659	870	923
5004	NOV19	BCCL	3660.96	3520	3453	3660	3597	-140	-144
5005	NOV19	BCCL	4113.72	4570	4478	3760	3673	810	805
5006	DEC19	CCL	4171.6	3280	3184	3730	3597	-450	-413
5007	DEC19	CCL	4171.6	3610	3501		0	3610	3501
5008	DEC19	CCL	3769.4	3318	3024	2980	2687	338	338
5009	DEC19	CCL	3963.9	4924	4781	4130	3840	794	941
5010	DEC19	CCL	3780.8	3265	2963	3050	2687	215	276
5011	DEC19	CCL	3609.4	3317	3001	3200	2856	117	145
5012	DEC19	CCL	3768.2	3508	3193	4010	3557	-502	-364
5013	DEC19	CCL	3830.8	3409	3100	3870	3564	-461	-463
5014	DEC19	CCL	3688.39	4294	4073	4050	3824	244	249
5015	DEC19	CCL	3635.56	3858	3524	4190	3970	-332	-446
5016	DEC19	CCL	3930.4	4700	4492	4330	4144	370	348
5017	DEC19	CCL	3534.38	3904	3566	3320	2974	584	592
5018	DEC19	CCL	3267.78	4929	5387	4240	3944	689	1442
5019	DEC19	CCL	3768.11	4718	4534	4030	3725	688	808
5020	DEC19	CCL	3498.12	4780	5241	4040	3700	740	1541
5021	DEC19	CCL	3530.32	4474	4262	4100	3696	374	566
5022	DEC19	CCL	3596.71	4315	4768	4250	3895	65	873
5023	DEC19	CCL	3586.33	4871	4650	4330	4058	541	592
5024	DEC19	CCL	3287.22	4686	4454	4360	4060	326	393
5025	DEC19	CCL	3600.52	4950	4674	4240	3898	710	776
5026	DEC19	CCL	3623.01	5265	5071	4100	3814	1165	1257
5027	DEC19	CCL	3713.31	4319	4084	3660	3352	659	731
5028	DEC19	CCL	3673.81	4680	4395	3970	3712	710	683
5029	DEC19	CCL	3790.91	4137	3928	3760	3487	377	440
5030	DEC19	CCL	3497.29	4536	4303	4280	3805	256	498
5031	DEC19	CCL	3650.52	4795	4625	3530	3270	1265	1355
5032	DEC19	CCL	3875.11	3372	3210	3420	3086	-48	125
5033	DEC19	CCL		3712	3588	3740	3387	-28	201
5034	DEC19	CCL	3917.21	4705	4528	3430	3138	1275	1390
5035	DEC19	CCL	3572.64	5205	5059	3720	3420	1485	1639
5036	DEC19	CCL	3733.22	4849	4681	3440	3107	1409	1574
5037	DEC19	CCL	3470.44	3637	3334	3540	3173	97	161

5038	DEC19	CCL		4151	3999	3520	3233	631	766
5039	DEC19	CCL	4109.4	3100	3015	4230	4144	-1130	-1129
5040	DEC19	CCL	4228.6	3170	3061	4300	4169	-1130	-1108
5041	DEC19	CCL	3789.61	3781	3612	3220	2988	561	624
5042	DEC19	CCL		4032	3828	3660	3353	372	475
5043	DEC19	CCL	3637.53	3353	3162	3200	2917	153	244
5044	DEC19	CCL		3851	3694	3740	3414	111	280
5045	DEC19	CCL	3590.71	4274	4103	3750	3452	524	651
5046	DEC19	CCL	3678.31	5073	4903	4400	3998	673	905
5047	DEC19	CCL	3600.42	4792	4643	4110	3819	682	823
5048	DEC19	CCL	3545.17	4805	4686	3760	3479	1045	1207
5049	DEC19	CCL	3760.54	3740	3495	2950	2805	790	689
5050	DEC19	CCL		4055	3924	3920	3574	135	350
5051	DEC19	CCL	3807.61	4426	4249	3790	3578	636	671
5052	DEC19	CCL	4010.81	3589	3348	2970	2732	619	616
5053	DEC19	CCL		4199	4095	3460	3273	739	822
5054	DEC19	CCL	3868.51	4500	4355	4210	4027	290	327
5055	DEC19	CCL	4007.2	5580	5478	4580	4436	1000	1042
5056	DEC19	CCL		4920	4825	4820	4621	100	205
5057	DEC19	CCL	3909.51	2855	2595	3960	3599	-1105	-1004
5058	DEC19	CCL		3843	3579	3810	3588	33	-9
5059	DEC19	CCL	3642.61	4775	4554	4120	3972	655	582
5060	DEC19	CCL	4041.57	4450	4405	4110	4051	340	354
5061	DEC19	CCL		4660	4636	4020	3938	640	698
5062	DEC19	CCL	3766.22	4710	4467	3760	3553	950	914
5063	DEC19	CCL	3895.81	4742	4609	3870	3614	872	995
5064	DEC19	CCL	3732.51	4746	4597	4180	4057	566	540
5065	DEC19	CCL	3915.81	4666	4505	3730	3557	936	948
5066	DEC19	CCL	3859.15	4490	4363	4780	4673	-290	-309
5067	DEC19	CCL	3675.64	4756	4633	4180	3953	576	681
5068	DEC19	CCL	3675.92	4267	4007	4290	4038	-23	-31
5069	DEC19	CCL	3870.51	4820	4642	4110	3815	710	827
5070	DEC19	CCL	3637.04	4794	4644	3970	3696	824	948
5071	DEC19	CCL	3699.92	4923	4737	3840	3580	1083	1158
5072	DEC19	CCL	3752.82	4640	4430	3510	3218	1130	1212
5073	DEC19	CCL	3733.92	4861	4693	4190	3878	671	814
5074	DEC19	CCL	3966.42	2866	2588	4160	3806	-1294	-1218
5075	DEC19	CCL		3743	3572	4250	3979	-507	-408
5076	DEC19	CCL	3706.42	5237	5006	4040	3782	1197	1224
5077	DEC19	CCL	3623.94	5126	4882	3580	3292	1546	1590
5078	DEC19	CCL	4188.4	4980	4879	3900	3816	1080	1063
5079	DEC19	CCL		4880	4781	4430	4345	450	436
5080	DEC19	CCL	3389.96	5140	4980	3840	3516	1300	1464
5081	DEC19	ECL	1838.53	4530	4256	3090	2844	1440	1412
5082	DEC19	ECL	415.69	5600	5156	2730	2520	2870	2637
5083	DEC19	ECL	1429.43	4940	4579	3050	2820	1890	1760
5084	DEC19	ECL	357.3	5400	4896	3940	3687	1460	1209

5085	DEC19	ECL	2044.67	3310	3057	2970	2776	340	281
5086	DEC19	ECL	1031.6	3750	3487	4350	4104	-600	-617
5087	DEC19	ECL	3261.34	5320	5074	4600	4418	720	656
5088	DEC19	ECL	3382.55	5280	5120	3960	3847	1320	1273
5089	DEC19	ECL	3617.33	5260	5059	3890	3776	1370	1283
5090	DEC19	ECL	1870.54	5540	5250	4820	4545	720	704
5091	DEC19	ECL	1749.82	5560	5299	3420	3136	2140	2164
5092	DEC19	ECL	3511.95	3330	3222	3510	3399	-180	-177
5093	DEC19	ECL	1229.6	4180	3852	4380	4081	-200	-229
5094	DEC19	ECL	2178.79	3940	3611	2560	2368	1380	1244
5095	DEC19	ECL	3767.47	3370	3210	4340	4234	-970	-1024
5096	DEC19	ECL	3767.83	3940	3824	4180	4019	-240	-195
5097	DEC19	ECL	3988.07	3570	3487	3310	3185	260	301
5098	DEC19	ECL	2895.6	3880	3486	3480	3221	400	265
5099	DEC19	ECL	999	4790	4498	4770	4475	20	23
5100	DEC19	ECL	4075.6	3660	3571	4000	3882	-340	-311
5101	DEC19	BCCL	3810.93	4700	4634	3930	3810	770	823
5102	DEC19	BCCL	4022.6	4880	4787	4820	4727	60	60
5103	DEC19	BCCL	3964.05	5740	5642	4620	4573	1120	1069
5104	DEC19	BCCL	4049.32	5620	5473	5030	4979	590	494
5105	DEC19	BCCL	4144.91	5110	5027	4180	4091	930	937
5106	DEC19	BCCL	3979.89	5310	5208	4300	4247	1010	961
5107	JAN19	ECL	1682.1	3220	3030	3220	2937	0	93
5108	JAN19	ECL	563.2	4030	3764	3710	3452	320	312
5109	JAN19	ECL	1443.7	4020	3716	3540	3241	480	476
5110	JAN19	ECL	650.87	3010	2788	4570	4213	-1560	-1425
5111	JAN19	ECL	717.96	3030	2796	3660	3313	-630	-518
5112	JAN19	ECL	2535.29	3430	3209	3760	3537	-330	-328
5113	JAN19	ECL	3120.3	5390	5239	5030	4869	360	370
5114	JAN19	ECL	636.3	3910	3518	4970	4471	-1060	-953
5115	JAN19	ECL	189.6	5310	5043	3660	3278	1650	1765
5116	JAN19	ECL	501.46	4160	3830	4130	3794	30	36
5117	JAN19	ECL	925.44	4500	4175	3410	3091	1090	1084
5118	JAN19	ECL	883.2	4500	4085	4390	4119	110	-34
5119	JAN19	ECL	1568.5	4210	3924	4270	4016	-60	-91
5120	JAN19	ECL	607.8	4510	4173	4200	3783	310	391
5121	JAN19	ECL	515	3860	3546	4140	3758	-280	-213
5122	JAN19	ECL	2026	4160	3957	4120	3914	40	43
5123	JAN19	ECL	526.1	4460	4099	4330	4066	130	33
5124	JAN19	ECL	3603.79	5090	4917	4540	4492	550	425
5125	JAN19	ECL	787.28	4080	3794	4450	4267	-370	-472
5126	JAN19	ECL	1156.24	4080	3759	3960	3658	120	102
5127	JAN19	ECL	990.56	3820	3514	3910	3618	-90	-103
5128	JAN19	ECL	684.04	4180	3865	3600	3271	580	593
5129	JAN19	ECL	825	5060	4704	4320	3957	740	747
5130	JAN19	ECL	2762.8	3630	3383	3630	3310	0	73
5131	JAN19	ECL	368.62	5040	4645	4770	4195	270	450

5132	JAN19	ECL	2851.1	4740	4368	3600	3310	1140	1058
5133	JAN19	ECL	3558.11	5960	5603	4540	4121	1420	1481
5134	JAN19	ECL	732.8	5890	5345	4420	4324	1470	1021
5135	JAN19	ECL	3162.3	4460	4083	4740	4466	-280	-383
5136	JAN19	ECL	442.09	5580	5126	5830	5495	-250	-369
5137	JAN19	ECL	2678.9	3900	3555	3780	3449	120	106
5138	JAN19	ECL	1491.42	5810	5498	4080	3714	1730	1784
5139	JAN19	ECL	925.65	5750	5453	4050	3748	1700	1705
5140	JAN19	ECL	1255.08	5230	5039	3810	3653	1420	1385
5141	JAN19	ECL	818	5460	4996	4380	4104	1080	892
5142	JAN19	ECL	2935	3830	3489	4170	4030	-340	-540
5143	JAN19	ECL	836.53	5940	5697	5040	4695	900	1002
5144	JAN19	ECL	629.63	5490	5176	5490	5236	0	-60
5145	JAN19	ECL	193.91	5410	5136	5150	4912	260	224
5146	JAN19	ECL	680.71	4920	4769	4790	4635	130	134
5147	JAN19	ECL	1305.82	5360	5173	5370	5096	-10	77
5148	JAN19	ECL	1337	5640	5407	5000	4645	640	762
5149	JAN19	ECL	752.1	4780	4577	4710	4523	70	54
5150	JAN19	ECL	337.1	5620	5308	3950	3711	1670	1596
5151	JAN19	ECL	926	5850	5570	5300	5137	550	433
5152	JAN19	ECL	533.4	5770	5451	5140	4911	630	540
5153	JAN19	ECL	2044.66	4310	3987	3380	3244	930	742
5154	JAN19	ECL	560.6	3890	3587	4160	4116	-270	-529
5155	JAN19	ECL	265.54	4110	3814	4370	4199	-260	-385
5156	JAN19	ECL	991.9	4230	3853	4150	4084	80	-231
5157	JAN19	ECL	834.39	5120	4686	5020	4627	100	59
5158	JAN19	ECL	2998.03	4240	3902	3690	3511	550	391
5159	JAN19	ECL	678.09	4620	4270	3980	3663	640	607
5160	JAN19	ECL	2995.04	4240	3923	4510	4333	-270	-409
5161	JAN19	ECL	1006.7	3850	3607	3800	3492	50	115
5162	JAN19	ECL	421.4	3840	3529	4300	4190	-460	-660
5163	JAN19	ECL	1014.5	3520	3254	3790	3303	-270	-49
5164	JAN19	ECL	1407.4	3950	3645	3270	2978	680	667
5165	JAN19	ECL	726.92	5110	4721	3810	3579	1300	1142
5166	JAN19	ECL	2828.71	4860	4465	4390	4147	470	318
5167	JAN19	ECL	3920.28	4880	4494	4410	3865	470	629
5168	JAN19	ECL	1149.41	5320	5000	4700	4281	620	719
5169	JAN19	ECL	2561.22	4400	4065	3400	3193	1000	872
5170	JAN19	ECL	2040.64	5400	5099	4650	4282	750	816
5171	JAN19	ECL	1779.1	4600	4379	4480	4237	120	143
5172	JAN19	ECL	2330.58	4560	4424	4430	4205	130	219
5173	JAN19	ECL	307.53	4590	4419	3570	3173	1020	1246
5174	JAN19	ECL	858.57	3520	3197	4670	4136	-1150	-939
5175	JAN19	ECL	259.31	5520	5371	5010	4701	510	670
5176	JAN19	ECL	1967.32	5070	4890	4330	4002	740	888
5177	JAN19	ECL	1003.29	5030	4960	4270	4095	760	865
5178	JAN19	ECL	849.94	4860	4683	4320	4040	540	643

5179	JAN19	ECL	244.08	6010	5825	5500	4836	510	989
5180	JAN19	ECL	953.33	3620	3334	4130	3805	-510	-470
5181	JAN19	ECL	897.67	3580	3300	4530	3872	-950	-572
5182	JAN19	ECL	1222.66	3810	3521	2940	2615	870	906
5183	JAN19	ECL	630.82	3670	3391	3030	2739	640	653
5184	JAN19	ECL	3910.76	4220	3775	4260	4104	-40	-328
5185	JAN19	ECL	2805.43	5980	5584	5130	4601	850	982
5186	JAN19	ECL	656.99	4890	4627	4720	4378	170	250
5187	JAN19	ECL	324.35	4820	4560	5290	4846	-470	-287
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5197	JAN19	BCCL	3744	3260	3104	3670	3526	-410	-422
5198	JAN19	BCCL	3668.8	5030	4939	4290	4237	740	701
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5200	JAN19	BCCL	3610.76	3400	3268	2820	2650	580	618
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5202	JAN19	BCCL	3825.91	5650	5370	3300	3068	2350	2302
5203	JAN19	BCCL	3761.19	5510	5438	4710	4438	800	1000
5204	JAN19	BCCL	3761.19	5430	5331	4190	4054	1240	1277
5205	JAN19	BCCL	3540.26	5540	5462	4780	4572	760	890
5206	JAN19	BCCL	3540.26	5350	5258	4230	4135	1120	1123
5207	JAN19	BCCL	3699.13	5050	4953	5000	4742	50	211
5208	JAN19	BCCL	3699.13	5580	5501	4830	4649	750	852
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5210	JAN19	BCCL	3689.51	5730	5591	4560	4369	1170	1221
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5212	JAN19	BCCL	3709.44	5620	5524	4300	3998	1320	1525
5213	JAN19	BCCL	3902.34	5520	5425	3640	3496	1880	1929
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5216	JAN19	BCCL	3988.14	4570	4445	4530	4337	40	108
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5218	JAN19	BCCL	4019.5	4260	4082	3430	3243	830	840
5219	JAN19	BCCL	3675.8	4680	4566	3630	3419	1050	1147
5220	JAN19	BCCL	3675.8	5230	5198	4070	3785	1160	1413
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5223	JAN2020	CCL		4310	4175	4600	4487	-290	-312
5224	JAN2020	CCL	4210.8	5080	4977	4020	3922	1060	1055
5225	JAN2020	CCL	4004.39	4567	4405	4440	4180	127	225

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5228	JAN2020	CCL		3680	3583	4940	4790	-1260	-1206
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5230	JAN2020	CCL	3703.51	4939	4806	4060	3687	879	1119
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5232	JAN2020	CCL	4143.01	3720	3664	3230	3132	490	532
5233	JAN2020	CCL		3610	3534	3310	3239	300	294
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5236	JAN2020	CCL		4070	3984	4570	4463	-500	-480
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5241	JAN2020	CCL	3613.74	4533	4330	4110	3836	423	494
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5245	JAN2020	CCL	3680.73	4614	4422	3570	3337	1044	1084
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5251	JAN2020	CCL	3744.61	5173	4979	3090	2829	2083	2150
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5253	JAN2020	CCL		3903	3486	2900	2723	1003	763
5254	JAN2020	CCL		3662	3365	3610	3438	52	-73
5255	JAN2020	CCL	3694.81	4674	4327	3890	3601	784	726
5256	JAN2020	CCL	3909.79	4638	4236	4230	3956	408	281
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5258	JAN2020	CCL	3923.24	3704	3496	3650	3339	54	157
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5260	JAN2020	CCL	3755.81	3489	3313	3830	3694	-341	-381
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5262	JAN2020	CCL	3719.11	4643	4336	3720	3554	923	783
5263	JAN2020	CCL	3665.72	4495	4250	3890	3732	605	519
5264	JAN2020	CCL	3731.63	4435	4208	3460	3309	975	900
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5268	JAN2020	CCL		4750	4611	4300	4160	450	451
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5273	JAN2020	CCL	3714.03	3236	2893	3750	3629	-514	-736
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5278	JAN2020	CCL	3751.21	4006	3856	3840	3703	166	153
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5287	JAN2020	CCL	3813.31	4433	4353	4080	3948	353	406
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5291	JAN2020	CCL	3812.91	4173	3990	4040	3823	133	167
5292	JAN2020	CCL	3552.63	4328	4143	4270	4018	58	125
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5294	JAN2020	CCL	3536.34	4175	3966	4150	3957	25	9
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5297	JAN2020	CCL	3754.71	5187	4947	4630	4387	557	560
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5299	JAN2020	ECL	2483.56	2680	2529	2160	2035	520	494
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5309	JAN2020	BCCL	3960.13	4030	3908	4100	4033	-70	-125
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5318	FEB19	ECL	1123.33	4840	4553	4790	4626	50	-73
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5320	FEB19	ECL	750.25	4550	4207	4810	4414	-260	-207
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5332	FEB19	ECL	59.4	5670	5510	4750	4644	920	866
5333	FEB19	ECL	759.77	5050	4838	3030	2697	2020	2141
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5336	FEB19	ECL	618.59	5680	5290	5300	4835	380	455
5337	FEB19	ECL	382.11	5810	5425	5500	5024	310	401
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5340	FEB19	ECL	1068.75	5860	5475	5640	5360	220	114
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5342	FEB19	ECL	1185.9	5490	5213	3390	3132	2100	2081
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5348	FEB19	ECL	3865.99	5170	4883	3490	3162	1680	1721
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5364	FEB19	ECL	3348.68	4770	4501	4340	4134	430	367
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5369	FEB19	ECL	1261.06	5950	5659	5580	5284	370	374
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5374	FEB19	BCCL	3325.2	5910	5790	4260	4206	1650	1584
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5403	FEB2020	CCL	3672.91	4702	4526	4170	3966	532	559
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5407	FEB2020	CCL	3287	4022	3794	4110	3944	-88	-150
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5413	FEB2020	CCL	3682.05	4909	4714	4930	4734	-21	-20

5414	FEB2020	CCL	4195.1	5118	4908	4320	4080	798	828
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5419	FEB2020	CCL	3929.81	4876	4605	4050	3836	826	769
5420	FEB2020	CCL	3948.04	4529	4350	3900	3752	629	598
5421	FEB2020	CCL	3680.63	4859	4655	3960	3750	899	905
5422	FEB2020	CCL	3638.45	4394	4212	3710	3469	684	743
5423	FEB2020	CCL	3853.75	4263	3938	3930	3716	333	222
5424	FEB2020	CCL	4112.11	4056	3800	4260	4097	-204	-296
5425	FEB2020	CCL	3461.78	4679	4577	4150	3833	529	744
5426	FEB2020	CCL	3775.51	4708	4558	4240	3981	468	577
5427	FEB2020	CCL	3595.52	4735	4548	4300	4080	435	468
5428	FEB2020	CCL	3952.91	4529	4320	3870	3624	659	696
5429	FEB2020	CCL	3692.01	4862	4664	4200	4017	662	647
5430	FEB2020	CCL	3740.52	4629	4486	4210	3990	419	496
5431	FEB2020	CCL	3710.32	4784	4741	4230	3950	554	791
5432	FEB2020	CCL	3676.92	4715	4585	4250	3978	465	607
5433	FEB2020	CCL	3785.91	4681	4561	4390	4171	291	390
5434	FEB2020	CCL	3788.53	5091	5012	3410	3125	1681	1887
5435	FEB2020	CCL	3618.21	4769	4648	4460	4179	309	470
5436	FEB2020	CCL	3657.31	5183	5051	4290	4029	893	1022
5437	FEB2020	BCCL	4134.36	3220	3165	3730	3669	-510	-504
5438	FEB2020	BCCL	3953.91	3230	3181	3710	3695	-480	-514
5439	FEB2020	BCCL	3993.31	3600	3549	4410	4289	-810	-740
5440	FEB2020	BCCL	4197	3340	3313	3440	3363	-100	-50
5441	MAR19	ECL	3741.72	5270	4996	4120	3902	1150	1093
5442	MAR19	ECL	3723.07	5390	5053	4210	4009	1180	1044
5443	MAR19	ECL	1539.4	5820	5543	4230	3851	1590	1693
5444	MAR19	ECL	2471.7	5050	4795	4120	3756	930	1039
5445	MAR19	ECL	3691.09	4860	4621	5040	4766	-180	-145
5446	MAR19	ECL	3404.1	4400	4141	4810	4331	-410	-190
5447	MAR19	ECL	1760	4380	4137	4110	3907	270	229
5448	MAR19	ECL	2178	3010	2830	3840	3508	-830	-678
5449	MAR19	ECL	611.2	5100	4703	3830	3532	1270	1171
5450	MAR19	ECL	2055.5	4820	4411	3730	3478	1090	932
5451	MAR19	ECL	1209	5090	4721	4270	4036	820	685
5452	MAR19	ECL	1428.19	3770	3579	3990	3774	-220	-195
5453	MAR19	ECL	789.13	3740	3464	3720	3512	20	-48
5454	MAR19	ECL	1403.73	3440	3207	3850	3475	-410	-268
5455	MAR19	ECL	2613.2	5580	5134	4840	4421	740	713
5456	MAR19	ECL	1218.6	5040	4593	3760	3472	1280	1121
5457	MAR19	ECL	1639.89	5020	4824	4180	3893	840	932
5458	MAR19	ECL	586.39	4940	4722	5360	4861	-420	-139
5459	MAR19	ECL	1371.52	4890	4653	5640	5300	-750	-647
5460	MAR19	ECL	681.5	4890	4609	4560	4356	330	253

5461	MAR19	ECL	1525.2	4510	4232	4710	4346	-200	-114
5462	MAR19	ECL	922.6	4860	4626	4390	4162	470	464
5463	MAR19	ECL	469.9	4600	4226	4100	3843	500	382
5464	MAR19	ECL	2159.64	5300	4963	5190	4841	110	122
5465	MAR19	ECL	636.86	4960	4750	4700	4234	260	516
5466	MAR19	ECL	973.23	4880	4627	5080	4563	-200	64
5467	MAR19	ECL	1920.77	6090	5809	5740	5066	350	743
5468	MAR19	ECL	840.35	5530	5268	5970	5501	-440	-233
5469	MAR19	ECL	3649.61	6010	5783	5650	4999	360	783
5470	MAR19	ECL	3747.03	4720	4425	4160	3867	560	558
5471	MAR19	ECL	4053.42	3120	2971	3610	3402	-490	-431
5472	MAR19	ECL	3639.44	4710	4446	4030	3818	680	628
5473	MAR19	ECL	3089.9	6020	5591	1930	1803	4090	3789
5474	MAR19	ECL	814.6	5630	5374	5270	4863	360	511
5475	MAR19	ECL	1063.56	5700	5512	5550	5105	150	407
5476	MAR19	ECL	822.57	5530	5296	5370	5060	160	236
5477	MAR19	ECL	266.57	5280	5067	5120	4732	160	334
5478	MAR19	ECL	445.7	4030	3898	4630	4328	-600	-429
5479	MAR19	ECL	1336.38	5610	5391	5170	4940	440	451
5480	MAR19	ECL	3781.87	4980	4689	3250	3109	1730	1580
5481	MAR19	ECL	1575.8	4600	4356	4660	4217	-60	139
5482	MAR19	ECL	639.5	4660	4373	4350	4083	310	290
5483	MAR19	ECL	1263.7	4190	3929	4120	3787	70	142
5484	MAR19	ECL	2734.4	5120	4781	2060	1888	3060	2893
5485	MAR19	ECL	3675.91	5570	5105	5270	4821	300	284
5486	MAR19	ECL	142.5	5480	5202	5860	5255	-380	-53
5487	MAR19	ECL	301.7	4230	3955	5840	5299	-1610	-1345
5488	MAR19	ECL	1444.5	5390	5069	5510	5104	-120	-35
5489	MAR19	ECL	1016.2	3390	3257	4060	3780	-670	-523
5490	MAR19	ECL	712.5	3890	3603	3910	3667	-20	-64
5491	MAR19	ECL	2180.84	3770	3496	4200	3943	-430	-448
5492	MAR19	ECL	948.9	5610	5175	3960	3631	1650	1543
5493	MAR19	ECL	1073.7	5330	5080	3810	3533	1520	1547
5494	MAR19	ECL	1813.5	5380	5026	3920	3601	1460	1425
5495	MAR19	ECL	1643.11	4130	3863	3550	3260	580	602
5496	MAR19	ECL	1721.33	4400	4071	3690	3430	710	641
5497	MAR19	ECL	3903.13	3800	3558	3950	3681	-150	-124
5498	MAR19	ECL	3525.23	3530	3330	2420	2291	1110	1039
5499	MAR19	ECL	1718.93	5390	5037	3850	3597	1540	1441
5500	MAR19	ECL	1696.77	4640	4364	3930	3552	710	812
5501	MAR19	ECL	3523.78	4330	4023	3750	3533	580	491
5502	MAR19	ECL	2872	5540	5258	5640	5281	-100	-23
5503	MAR19	ECL	901.2	5440	5146	5580	5234	-140	-87
5504	MAR19	ECL	4074.2	3780	3611	3940	3711	-160	-100
5505	MAR19	ECL	1107.27	4930	4593	3830	3639	1100	954
5506	MAR19	ECL	1626.97	4920	4584	4150	3891	770	693
5507	MAR19	ECL	431.64	5040	4726	4310	4066	730	660

5508	MAR19	ECL	675.57	5380	5039	3950	3729	1430	1309
5509	MAR19	ECL	2303.7	5010	4732	5300	4881	-290	-149
5510	MAR19	ECL	1332.3	5220	4950	4930	4666	290	284
5511	MAR19	ECL	2825.5	4960	4544	4440	4064	520	480
5512	MAR19	ECL	413.8	5770	5483	3870	3574	1900	1909
5513	MAR19	ECL	409.5	5450	5012	4460	4085	990	927
5514	MAR19	ECL	317.38	4640	4464	3300	3006	1340	1458
5515	MAR19	ECL	3560.73	4420	4083	3240	3059	1180	1024
5516	MAR19	ECL	4024.9	5350	5063	2560	2463	2790	2600
5517	MAR19	ECL	1317.9	2880	2668	3200	2839	-320	-171
5518	MAR19	ECL	2290.23	3360	3097	2120	1927	1240	1170
5519	MAR19	ECL	3869.13	5110	4736	4290	3746	820	990
5520	MAR19	BCCL	3057.7	4030	3817	3990	3811	40	6
5521	MAR19	BCCL	3884.62	3750	3739	4500	4381	-750	-643
5522	MAR19	BCCL	3884.62	4320	4254	4500	4381	-180	-127
5523	MAR19	BCCL	3557.07	4380	4358	4460	4401	-80	-43
5524	MAR19	BCCL	3557.07	4320	4276	4460	4401	-140	-124
5525	MAR19	BCCL	3761.15	4100	4067	4620	4428	-520	-361
5526	MAR19	BCCL	3761.15	4590	4567	4620	4428	-30	139
5527	MAR19	BCCL	3718.21	3940	3888	4660	4622	-720	-734
5528	MAR19	BCCL	3718.21	4200	4149	4660	4622	-460	-473
5529	MAR19	BCCL	3954.09	4230	4187	4400	4244	-170	-56
5530	MAR19	BCCL	3954.09	4720	4696	4400	4244	320	452
5531	MAR19	BCCL	3760.48	4720	4658	4800	4669	-80	-11
5532	MAR19	BCCL	3760.48	4460	4429	4800	4669	-340	-240
5533	MAR19	BCCL	3760.1	4460	4411	5140	4911	-680	-500
5534	MAR19	BCCL	3760.1	4370	4317	5140	4911	-770	-594
5535	MAR19	BCCL	3846.2	4300	4274	6040	5820	-1740	-1546
5536	MAR19	BCCL	3846.2	4670	4618	6040	5820	-1370	-1202
5537	MAR19	BCCL	3738.03	4490	4458	5150	5030	-660	-571
5538	MAR19	BCCL	3738.03	4700	4653	5150	5030	-450	-377
5539	MAR2020	CCL	3638.61	4389	4250	4370	4021	19	230
5540	MAR2020	CCL	4037.61	4799	4724	4080	3877	719	848
5541	MAR2020	CCL	4036.2	4136	3992	3560	3333	576	659
5542	MAR2020	CCL	3971	4633	4623	4310	4095	323	528
5543	MAR2020	CCL	4028.05	4392	4229	3830	3491	562	737
5544	MAR2020	CCL	3822.24	4851	4733	4660	4517	191	216
5545	MAR2020	CCL	4138.5	4696	4521	4050	3878	646	643
5546	MAR2020	CCL	4172.3	4332	4172	4390	4156	-58	16
5547	MAR2020	CCL	4056.2	5458	5300	4770	4492	688	809
5548	MAR2020	CCL	3850.09	4264	3993	4370	4121	-106	-128
5549	MAR2020	CCL	4108.8	5055	4882	4230	3910	825	973
5550	MAR2020	CCL	3749.11	4587	4417	4400	4163	187	254
5551	MAR2020	CCL	4080.8	4689	4418	4330	4149	359	269
5552	MAR2020	CCL	3894.38	4787	4677	4030	3659	757	1018
5553	MAR2020	CCL	4156.4	3984	3662	4330	4040	-346	-378
5554	MAR2020	CCL	3971.36	4215	3943	4560	4145	-345	-202

5555	MAR2020	CCL	3935.5	4042	3723	4470	4209	-428	-486
5556	MAR2020	CCL	3956.47	4799	4519	3790	3561	1009	958
5557	MAR2020	CCL		4236	3934	4480	4170	-244	-236
5558	MAR2020	CCL	4040.6	4823	4603	4360	3911	463	691
5559	MAR2020	CCL		4246	3978	4490	4262	-244	-284
5560	MAR2020	CCL		4484	4242	4710	4396	-226	-154
5561	MAR2020	CCL	3967.58	4798	4548	3590	3359	1208	1189
5562	MAR2020	CCL		5269	4919	4050	3826	1219	1093
5563	MAR2020	CCL	3958.9	4913	4544	4040	3746	873	798
5564	MAR2020	CCL		4397	4054	4400	4098	-3	-44
5565	MAR2020	CCL	3537.8	4285	3981	4150	3761	135	220
5566	MAR2020	CCL	627.7	4256	4113	4400	4206	-144	-93
5567	MAR2020	CCL	3943.86	3641	3442	3970	3709	-329	-267
5568	MAR2020	CCL	4058.5	4214	3957	3980	3695	234	262
5569	MAR2020	CCL	4135.7	4047	3842	3890	3621	157	221
5570	MAR2020	CCL		5106	4982	4520	4172	586	811
5571	MAR2020	CCL	3972.77	4730	4492	4210	3856	520	636
5572	MAR2020	CCL		4307	3984	4010	3634	297	349
5573	MAR2020	CCL	4099.7	3698	3530	4050	3732	-352	-201
5574	MAR2020	CCL	2637.09	4223	4060	4130	3857	93	203
5575	MAR2020	CCL	1341.27	4540	4280	4740	4364	-200	-84
5576	MAR2020	CCL	4116.8	3606	3332	3700	3523	-94	-191
5577	MAR2020	CCL	1257.99	4620	4384	4640	4477	-20	-92
5578	MAR2020	CCL	2711.78	4704	4475	4360	4027	344	449
5579	MAR2020	CCL	4067.12	3634	3423	3850	3602	-216	-179
5580	MAR2020	CCL	3989.9	3448	3246	3770	3542	-322	-296
5581	MAR2020	CCL	4061.1	3638	3348	3730	3450	-92	-102
5582	MAR2020	CCL	4049.1	3577	3429	3630	3406	-53	23
5583	MAR2020	CCL	4090.04	3479	3316	3530	3391	-51	-74
5584	MAR2020	CCL	3094.2	4964	4716	4330	4040	634	676
5585	MAR2020	CCL	543.21	4792	4729	4470	4319	322	410
5586	MAR2020	CCL	3028.62	5065	4914	4710	4542	355	372
5587	MAR2020	CCL	683.39	4802	4622	4560	4480	242	141
5588	MAR2020	CCL	3161.8	4956	4666	4630	4258	326	407
5589	MAR2020	CCL	554.21	4835	4697	4450	4146	385	551
5590	MAR2020	CCL	3086.82	5044	4807	4340	3989	704	818
5591	MAR2020	CCL	485.22	4869	4664	4660	4411	209	254
5592	MAR2020	CCL	4129.8	3996	3804	3450	3232	546	572
5593	MAR2020	CCL	4038.9	3414	3184	3150	2955	264	229
5594	MAR2020	CCL	3960.8	3050	2905	4030	3813	-980	-909
5595	MAR2020	CCL	4012.88	3673	3419	3920	3755	-247	-336
5596	MAR2020	CCL	1332.7	5049	4892	4880	4497	169	395
5597	MAR2020	CCL	2629.6	4782	4573	4880	4497	-98	76
5598	MAR2020	CCL	4099.2	3601	3497	3500	3302	101	195
5599	MAR2020	CCL	4138.5	3440	3297	3460	3309	-20	-12
5600	MAR2020	CCL	1990.5	4907	4772	5180	4793	-273	-21
5601	MAR2020	CCL	1899.15	4699	4561	5180	4793	-481	-232

5602	MAR2020	CCL		4659	4466	4660	4369	-1	98
5603	MAR2020	CCL	3891	5452	5207	3850	3645	1602	1562
5604	MAR2020	CCL	3891	4186	3958	3850	3645	336	313
5605	MAR2020	CCL	3891	3902	3764	3850	3645	52	119
5606	MAR2020	BCCL	4149.8	4250	4169	4810	4760	-560	-592
5607	MAR2020	BCCL	4198.49	4290	4221	5000	4903	-710	-682
5608	MAR2020	BCCL	4126.03	4340	4240	5000	4975	-660	-735
5609	MAR2020	BCCL	3967.01	4530	4425	4930	4890	-400	-465
5610	MAR2020	BCCL	3967.01	3970	3866	4930		-960	3866
5611	APR2020	BCCL	1176.63	4663	4250	5250	5165	-587	-915
5612	APR2020	BCCL	2635.16	4022	3776	4600	4530	-578	-754
5613	APR2020	BCCL	1542.4	4473	3485	5910	5809	-1437	-2324
5614	APR2020	BCCL	2621.6	3677	4016	5910	5809	-2233	-1793
5615	APR2020	BCCL	2018	5630	5539	4160	4080	1470	1459
5616	APR2020	BCCL	1942.2	4097	4150	3660	3608	437	542
5617	APR2020	BCCL	1225.52	4590	4470	4870	4825	-280	-355
5618	APR2020	BCCL	2759.63	4687	4207	4580	4511	107	-303
5619	APR2020	BCCL	1187.8	4280	3980	4120	4091	160	-111
5620	APR2020	BCCL	2910.2	4490	3584	3460	3442	1030	141
5621	APR2020	BCCL	819.15	4936	4860	4490	4467	446	393
5622	APR2020	BCCL	2993.19	4730	4558	3420	3413	1310	1145
5623	APR2020	CCL	1764	5000	4873	5100	4960	-100	-87
5624	APR2020	CCL	2302	4750	4639	5100	4960	-350	-321
5625	APR2020	CCL	2084	4670	4529	5120	5032	-450	-503
5626	APR2020	CCL	4098	3843	3607	3450	3245	393	362
5627	APR2020	CCL	4061	3930	3667	3440	3266	490	402
5628	APR2020	CCL	4157	4423	4129	3640	3478	783	651
5629	MAY2020	CCL	2204	4708	4872	4320	4185	388	687
5630	MAY2020	CCL	2024	4558	4699	4320	4185	238	514
5631	MAY2020	CCL	4167	3442	3177	3480	3290	-38	-113
5632	MAY2020	CCL	4157	3430	3135	3140	2985	290	150
5633	MAY2020	CCL	3806	3124	2812	3000	2802	124	10
5634	MAY2020	CCL	2161	5768	5527	3930	3867	1838	1660
5635	MAY2020	CCL	845	4976	4831	4040	3901	936	930
5636	MAY2020	CCL	1045	4087	3909	4110	3939	-23	-30
5637	MAY2020	CCL	4003	3453	3108	3000	2810	453	299
5638	MAY2020	CCL	3895	3133	2801	3450	3362	-317	-560
5639	MAY2020	CCL	4140	3753	3428	3140	2959	613	469
5640	MAY2020	CCL	4026	3464	3276	3180	3043	284	232
5641	MAY2020	CCL	3898	3735	3360	3410	3288	325	72
5642	MAY2020	CCL	3910	3831	3354	3020	2859	811	495
5643	MAY2020	CCL	4083	3682	3328	3480	3318	202	10
5644	MAY2020	CCL	4217	3415	3082	3710	3562	-295	-480
5645	MAY2020	CCL	4074	3727	3424	3010	2861	717	564
5646	MAY2020	CCL	4049	3626	3370	3510	3198	116	172

5647	MAY2020	CCL	2319	5292	5420	4560	4391	732	1029
5648	MAY2020	CCL	801	4645	4567	4310	4129	335	438
5649	MAY2020	CCL	471	4075	3871	4100	3844	-25	27
5650	MAY2020	CCL	2307	4826	4839	4440	4130	386	709
5651	MAY2020	CCL	954	4682	4521	4410	4167	272	354
5652	MAY2020	CCL	418	4088	3928	4080	3851	8	77
5653	MAY2020	Pakri Bawadih	3988	4380	4146	4140	3935	240	211
5654	MAY2020	Pakri Bawadih	3988	5300	5006	4410	4241	890	765
5655	MAY2020	Pakri Bawadih	3997	4720	4407	3950	3779	770	628
5656	MAY2020	Pakri Bawadih	3973	4920	4752	3680	3456	1240	1296
5657	MAY2020	Pakri Bawadih	3959	5580	5354	4270	3979	1310	1376
5658	MAY2020	Pakri Bawadih	4011	4600	4460	4200	3944	400	516
5659	MAY2020	Pakri Bawadih	3974	4680	4443	4690	4419	-10	24
5660	MAY2020	Pakri Bawadih	3945	5090	4833	4600	4329	490	503
5661	MAY2020	Pakri Bawadih	3968	4750	4578	4160	3937	590	641
5662	JUNE2020	CCL	2510	4854	4612	3990	3801	864	811
5663	JUNE2020	CCL	1029	4844	4833	4470	4226	374	607
5664	JUNE2020	CCL	443	4362	4266	3990	3712	372	554
5665	JUNE2020	CCL	3752	3523	3387	3610	3322	-87	65
5666	JUNE2020	CCL	3859	3661	3462	3390	3205	271	257
5667	JUNE2020	CCL	4009	3557	3317	3500	3268	57	49
5668	JUNE2020	CCL	4070	3717	3489	3440	3234	277	256
5669	JUNE2020	CCL	1402	5766	5455	4190	3971	1576	1483
5670	JUNE2020	CCL	2557	4349	4130	3670	3386	679	743
5671	JUNE2020	CCL	136	3995	3720	3610	3355	385	366
5672	JUNE2020	CCL	1663	5977	5666	3960	3767	2017	1899
5673	JUNE2020	CCL	2242	4368	4237	3870	3632	498	605
5674	JUNE2020	CCL	3816	3607	3362	3480	3199	127	164
5675	JUNE2020	CCL	1402	5392	5114	4230	3943	1162	1172
5676	JUNE2020	CCL	1539	4258	4040	3810	3656	448	384
5677	JUNE2020	CCL	1109	3500	3284	3350	3079	150	205
5678	JUNE2020	CCL	3849	3199	2852	3280	2986	-81	-134
5679	JUNE2020	CCL	3786	3157	2919	3210	2893	-53	26
5680	AUG2020	NCL	2150	5810	5485	4130	3788	1680	1697
5681	AUG2020	NCL	1847	4420	4030	4170	3806	250	224
5682	AUG2020	NCL	2026	3830	3463	3250	2899	580	564
5683	AUG2020	NCL	2068	5720	5294	5170	4665	550	628
5684	AUG2020	NCL	4091	4680	4309	4010	3656	670	653
5685	AUG2020	NCL	4108	4380	4028	3750	3396	630	631
5686	AUG2020	NCL	4050	4870	4485	4450	4115	420	370
5687	AUG2020	NCL	4043	4940	4462	4530	4207	410	254
5688	AUG2020	NCL	4188	4530	4120	3650	3278	880	842
5689	AUG2020	NCL	4015	4941	4630	4286	3873	655	758
5690	AUG2020	NCL	4022	4747	4264	3350	3005	1397	1259

5691	AUG2020	NCL	4054	4920	4479	4120	3687	800	793
5692	AUG2020	NCL	4025	3881	3576	3668	3221	213	355
5693	AUG2020	Pakri Bawadih	3922	5140	4691	4240	3900	900	791
5694	AUG2020	Pakri Bawadih	3989	5480	5111	4340	4008	1140	1103
5695	SEP2020	CCL	3939	3860	3541	3174	2884	686	657
5696	SEP2020	CCL	4031	3834	3501	3381	3071	453	430
5697	SEP2020	CCL	4011	3968	3689	3711	3502	257	187
5698	SEP2020	CCL	4197	3832	3470	3649	3337	183	134
5699	SEP2020	CCL	4332	3825	3443	3056	2824	769	619
5700	SEP2020	CCL	4056	4716	3322	3492	3157	1224	166
5701	SEP2020	CCL	4008	3835	3481	3150	2934	685	547
5702	SEP2020	CCL	3892	4103	3780	3978	3666	125	114
5703	SEP2020	CCL	4003	4118	3785	3276	2995	842	789
5704	SEP2020	CCL	4003	4070	3690	3668	3304	402	387
5705	SEP2020	CCL	3896	4777	4452	3323	3017	1454	1435
5706	SEP2020	CCL	4031	5198	4863	3259	2947	1939	1915
5707	SEP2020	CCL	3929	5185	4874	4021	3618	1164	1256
5708	SEP2020	CCL	3897	4842	4512	3900	3538	942	974
5709	SEP2020	CCL	3904	4866	4551	3723	3450	1143	1101
5710	SEP2020	CCL	3869	4393	4074	3655	3283	738	791
5711	SEP2020	CCL	3888	4128	3822	4058	3715	70	107
5712	SEP2020	CCL	3944	4446	4048	3583	3259	863	789
5713	SEP2020	CCL	4118	4444	4097	3661	3374	783	723
5714	SEP2020	CCL	3883	4402	4022	3945	3600	457	422
5715	SEP2020	CCL	3853	3974	3633	3821	3484	153	149
5716	SEP2020	CCL	4054	4439	4069	3531	3226	908	844
5717	SEP2020	CCL	4054	4726	4314	3696	3437	1030	876
5718	SEP2020	CCL	3759	4604	4333	3558	3225	1046	1108
5719	SEP2020	CCL	3856	4795	4501	3674	3449	1121	1052
5720	SEP2020	CCL	3766	4794	4507	3870	3596	924	911
5721	SEP2020	CCL	3805	4212	3943	3389	3097	823	847
5722	SEP2020	CCL	4123	4268	3991	3505	3220	763	771
5723	SEP2020	CCL	4045	4296	3999	3546	3187	750	812
5724	SEP2020	CCL	4101	4244	3891	3305	3006	939	885
5725	SEP2020	CCL	4001	4202	3866	3221	2931	981	935
5726	SEP2020	CCL	4036	4769	4478	3397	3039	1372	1439
5727	SEP2020	CCL	3969	4589	4307	3407	3027	1182	1281
5728	SEP2020	CCL	3959	4790	4451	3494	3199	1296	1253
5729	SEP2020	CCL	4086	4621	4337	3765	3436	856	901
5730	SEP2020	CCL	3975	4801	4589	3752	3363	1049	1225
5731	SEP2020	CCL	3918	4764	4548	3478	3147	1286	1401
5732	SEP2020	CCL	4064	4462	4128	3207	2899	1255	1228
5733	SEP2020	CCL	3986	4462	4175	3451	3123	1011	1052
5734	SEP2020	CCL	3968	4564	4166	3599	3230	965	936

5735	SEP2020	CCL	4099	4504	4166	3548	3263	956	904
5736	SEP2020	CCL	3907	4482	4189	3520	3206	962	982
5737	SEP2020	CCL	4040	4499	4248	3701	3359	798	889
5738	SEP2020	CCL	4072	4475	4145	3610	3301	865	845
5739	SEP2020	CCL	4095	4490	4119	3367	3126	1123	993
5740	SEP2020	CCL	3837	4435	4089	3903	3571	532	518
5741	SEP2020	CCL	4032	3818	3493	3873	3465	-55	29
5742	SEP2020	CCL	4224	4178	3864	3615	3332	563	531
5743	SEP2020	CCL	3860	4432	4072	4913	4347	-481	-274
5744	SEP2020	CCL	4081	4517	4098	3628	3273	889	825
5745	SEP2020	CCL	4065	4511	4145	3562	3251	949	894
5746	SEP2020	NCL	1770	3760	3431	3840	3511	-80	-81
5747	SEP2020	NCL	2308	6520	5923	5128	4734	1392	1189
5748	SEP2020	NCL	4069	4510	4202	3770	3541	740	661
5749	SEP2020	NCL	4334	4477	4099	4040	3720	437	380
5750	SEP2020	NCL	3934	4768	4316	4360	3935	408	381
5751	SEP2020	NCL	4036	4770	4360	4507	3942	263	418
5752	SEP2020	NCL	3995	5186	4719	3979	3683	1207	1036
5753	SEP2020	NCL	1821	3850	3560	3502	3193	348	367
5754	SEP2020	NCL	2226	6142	5824	3951	3667	2191	2157
5755	SEP2020	NCL	4232	4663	4235	3601	3229	1062	1007
5756	SEP2020	NCL	4088	4540	4130	4276	3876	264	254
5757	SEP2020	NCL	1965	4000	3675	3395	3070	605	604
5758	SEP2020	NCL	2085	5820	5445	4827	4350	993	1095
5759	SEP2020	NCL	4087	3336	3636	3618	3372	-282	264
5760	SEP2020	NCL	4090	4301	3833	3655	3338	646	495
5761	SEP2020	NCL	4105	4725	4282	3877	3517	848	765
5762	SEP2020	NCL	2065	6122	5625	5111	4647	1011	978
5763	SEP2020	NCL	2005	4387	4023	4959	4591	-572	-568
5764	SEP2020	NCL	4064	4711	4256	4824	4488	-113	-232
5765	SEP2020	NCL	4086	4219	3854	3891	3495	328	359
5766	SEP2020	NCL	1991	4161	3786	3457	3202	704	584
5767	SEP2020	NCL	2116	4779	4487	5243	4802	-464	-315
5768	SEP2020	NCL	4001	4777	4431	4337	3949	440	482
5769	SEP2020	NCL	4120	4366	3983	3597	3291	769	692
5770	SEP2020	NCL	4002	5349	4983	4715	4324	634	659
5771	OCT2020	CCL	4037	4500	4110	3461	3212	1039	898
5772	OCT2020	CCL	4069	4490	4162	3757	3460	733	702
5773	OCT2020	CCL	4047	5271	4844	3366	3105	1905	1739
5774	OCT2020	CCL	4047	5228	4799	3183	2870	2045	1928
5775	OCT2020	CCL	3501	4297	3978	3805	3627	492	351
5776	OCT2020	CCL	488	3892	3576	3805	3627	87	-50
5777	OCT2020	CCL	3811	3885	3705	3987	3796	-102	-92
5778	OCT2020	CCL	4091	4171	3779	3876	3477	295	302

5779	OCT2020	CCL	4032	4188	3833	3106	2883	1082	950
5780	OCT2020	CCL	3962	4464	4078	2945	2712	1519	1366
5781	OCT2020	CCL	3950	4386	3987	3260	2975	1126	1012
5782	OCT2020	CCL	3933	4744	4459	3245	2919	1499	1540
5783	OCT2020	CCL	4014	4752	4417	3402	3043	1350	1374
5784	OCT2020	CCL	4004	4618	4388	4235	4166	383	222
5785	OCT2020	CCL	3935	4770	4478	3483	3290	1287	1189
5786	OCT2020	CCL	3428	3984	3817	4306	3887	-322	-70
5787	OCT2020	CCL	658	3910	3591	4577	4411	-667	-820
5788	OCT2020	CCL	3174	3986	3903	4130	3907	-144	-4
5789	OCT2020	CCL	591	3766	3402	3778	3509	-12	-107
5790	OCT2020	CCL	3990	4008	3623	3410	3134	598	488
5791	OCT2020	CCL	3973	4028	3632	4428	4049	-400	-417
5792	OCT2020	CCL	2178	4081	3827	3481	3305	600	522
5793	OCT2020	CCL	1875	3714	3356	3590	3412	124	-57
5794	OCT2020	CCL	1735	4102	3837	4107	3922	-5	-84
5795	OCT2020	CCL	2095	4194	3943	4505	4356	-311	-413
5796	OCT2020	CCL	1752	4028	3932	4165	3972	-137	-40
5797	OCT2020	CCL	1919	4266	3983	3512	3238	754	744
5798	OCT2020	CCL	4106	4236	4056	4212	3928	24	128
5799	OCT2020	CCL	4106	4143	3984	3864	3614	279	370
5800	OCT2020	CCL	4106	4319	4147	4081	3725	238	422
5801	OCT2020	CCL	3991	4649	4475	4360	4249	289	226
5802	OCT2020	CCL	2439	4555	4357	4348	4160	207	197
5803	OCT2020	CCL	1161	4141	3936	4154	3955	-13	-19
5804	OCT2020	CCL	3974	3450	3213	3656	3284	-206	-71
5805	OCT2020	CCL	3621	4122	3823	4114	3916	8	-93
5806	OCT2020	CCL	709	4376	4204	4221	3963	155	240
5807	OCT2020	CCL	2374	4331	4005	4281	4161	50	-156
5808	OCT2020	CCL	1046	4042	3846	3748	3635	294	211
5809	OCT2020	CCL	708	5307	5081	4996	4796	311	285
5810	OCT2020	CCL	2374	4746	4574	4389	4121	357	453
5811	OCT2020	CCL	1044	4369	4141	4316	4018	53	123
5812	OCT2020	CCL	3755	3972	3679	4392	3997	-420	-319
5813	OCT2020	CCL	4041	4761	4668	4499	4400	262	268
5814	OCT2020	CCL	3406	4769	4513	4007	3902	762	610
5815	OCT2020	CCL	695	4483	4171	3851	3723	632	448
5816	OCT2020	NCL	4036	5366	4934	4576	4130	790	804
5817	OCT2020	NCL	2036	4365	4080	2396	2276	1969	1804
5818	OCT2020	NCL	2172	5127	4753	4026	3803	1101	950
5819	OCT2020	NCL	1991	3678	3361	2408	2269	1270	1092
5820	OCT2020	NCL	2120	5833	5390	4468	4025	1365	1364
5821	OCT2020	NCL	4096	3766	3487	3785	3542	-19	-55
5822	OCT2020	NCL	4012	4491	4040	3552	3255	939	785

5823	OCT2020	NCL	1928	3951	3621	3154	2933	797	688
5824	OCT2020	NCL	2157	5625	5167	3831	3542	1794	1626
5825	OCT2020	NCL	3794	4701	4297	4046	3652	655	644
5826	OCT2020	NCL	2048	3737	3438	3669	3346	68	91
5827	OCT2020	NCL	2110	5450	4933	4632	4224	818	709
5828	OCT2020	NCL	3851	4539	4121	3879	3451	660	671
5829	OCT2020	NCL	4087	4500	4070	3672	3310	828	760
5830	OCT2020	NCL	2060	4038	3656	4238	3942	-200	-286
5831	OCT2020	NCL	1580	5143	4740	4395	4065	748	674
5832	OCT2020	NCL	2113	3792	3477	3180	3029	612	448
5833	OCT2020	NCL	1733	5423	5023	4883	4553	540	470
5834	OCT2020	NCL	1918	3221	2908	2887	2738	334	170
5835	OCT2020	NCL	1934	6094	5638	5278	4864	816	774
5836	OCT2020	NCL	2039	3702	3371	3882	3648	-180	-277
5837	OCT2020	NCL	1719	5921	5511	3877	3569	2044	1943
5838	OCT2020	Pakri Bawadiah	4055	4253	3912	3729	3555	524	357
5839	OCT2020	Pakri Bawadiah	3983	4283	4041	3560	3500	723	541
5840	OCT2020	Pakri Bawadiah	3965	4390	4042	4942	4708	-552	-666
5841	OCT2020	Pakri Bawadiah	3954	4281	3937	3692	3520	589	417
5842	OCT2020	Pakri Bawadiah	3972	4644	4361	4354	4124	290	237
5843	OCT2020	Pakri Bawadiah	3975	4502	4098	4237	4004	265	94
5844	OCT2020	Pakri Bawadiah	3980	4360	4009	4206	3975	154	34
5845	OCT2020	Pakri Bawadiah	3984	4441	4146	4062	3925	379	220
5846	OCT2020	Pakri Bawadiah	3974	4535	4188	4024	3824	511	364
5847	OCT2020	Pakri Bawadiah	3963	4446	4095	4245	4069	201	26
5848	OCT2020	Pakri Bawadiah	3897	4298	3966	4013	3842	285	124
5849	OCT2020	Pakri Bawadiah	3999	4500	4160	3991	3764	509	397
5850	OCT2020	Pakri Bawadiah	3963	4444	4105	4083	3910	361	195
5851	OCT2020	Pakri Bawadiah	3887	4515	4193	4178	3933	337	260
5852	OCT2020	Pakri Bawadiah	3979	4428	4098	4373	4164	55	-65
5853	OCT2020	Pakri Bawadiah	3971	4164	3881	4293	4029	-129	-148
5854	OCT2020	Pakri Bawadiah	3977	3937	3647	4356	4168	-419	-521
5855	OCT2020	Pakri Bawadiah	3984	4356	4100	3428	3246	928	854
5856	OCT2020	Pakri Bawadiah	3979	4128	3899	4155	3995	-27	-96
5857	OCT2020	Pakri Bawadiah	3956	4299	4025	4459	4215	-160	-190
5858	NOV2020	CCL	3934	3103	2856	2945	2706	158	150
5859	NOV2020	CCL	3881	3411	3162	3035	2761	376	402
5860	NOV2020	CCL	3807	3821	3597	3404	3068	417	529
5861	NOV2020	CCL	3865	3796	3588	3384	3106	412	483
5862	NOV2020	NCL	3781	4684	4242	3740	3458	944	783
5863	NOV2020	NCL	4110	2719	2484	2674	2446	45	39
5864	DEC2020	CCL	3795	3308	3045	3166	2890	142	155
5865	DEC2020	CCL	3758	3923	3546	3276	3034	647	512
5866	DEC2020	NCL	3781	4765	4354	4574	4194	191	160

5867	DEC2020	NCL	4095	4903	4389	4107	3743	796	646
5868	DEC2020	NCL	4033	4346	3939	3974	3682	372	257
5869	DEC2020	Pakri Bawadih	3847	4694	4413	3952	3683	742	730
5870	DEC2020	Pakri Bawadih	3936	4692	4430	5002	4600	-310	-170
5871	DEC2020	Pakri Bawadih	3976	4895	4559	4259	3993	636	565
5872	JAN2021	NCL	4099	4601	4185	3848	3596	753	589
5873	JAN2021	NCL	3370	4522	4136	3986	3572	536	564
5874	JAN2021	NCL	3623	4872	4330	4824	4403	48	-74
5875	JAN2021	NCL	3486	4836	4324	4524	4155	312	169
5876	JAN2021	NCL	3696	4374	3991	4569	4258	-195	-267
5877	JAN2021	NCL	3928	5019	4521	3880	3488	1139	1034
5878	JAN2021	NCL	3967	4941	4358	3682	3339	1259	1019
5879	JAN2021	NCL	3790	4736	4270	3895	3515	841	755
5880	JAN2021	NCL	4138	4883	4367	3912	3516	971	850
5881	JAN2021	NCL	3226	4430	3934	3923	3614	507	320
5882	JAN2021	NCL	3738	4496	4056	4420	4042	76	14
5883	JAN2021	NCL	3739	4562	4146	4075	3651	487	495
5884	JAN2021	NCL	3734	4554	4119	4814	4346	-260	-228
5885	JAN2021	NCL	1936	4198	3874	5080	4638	-882	-764
5886	JAN2021	NCL	2000	4639	4323	4019	3598	620	725
5887	JAN2021	NCL	4097	4541	4070	4457	3975	84	95
5888	JAN2021	NCL	3764	4539	4081	3827	3488	712	593
5889	JAN2021	NCL	3988	4759	4250	4479	4014	280	237
5890	JAN2021	NCL	4093	4651	4136	4733	4288	-82	-152
5891	JAN2021	NCL	4089	4623	4142	4154	3666	469	476
5892	JAN2021	NCL	3749	4537	4115	3096	2822	1441	1293
5893	JAN2021	NCL	4016	4816	4315	3950	3591	866	724
5894	JAN2021	NCL	4149	4809	4337	3982	3688	827	649
5895	JAN2021	NCL	3928	4615	4208	3709	3331	906	877
5896	JAN2021	NCL	4163	4852	4363	3984	3616	868	747
5897	JAN2021	NCL	3749	4746	4267	3758	3421	988	847
5898	JAN2021	NCL	3526	4745	4364	4191	3823	554	540
5899	JAN2021	NCL	3766	4783	4301	3774	3422	1009	879
5900	JAN2021	NCL	3797	4794	4343	4179	3827	615	517
5901	JAN2021	NCL	3033	4202	3758	3597	3321	605	438
5902	JAN2021	NCL	4093	4243	3834	4246	3894	-3	-61
5903	JAN2021	NCL	3905	4608	4228	3749	3425	859	802
5904	JAN2021	NCL	3882	4711	4252	4630	4251	81	2
5905	JAN2021	NCL	4080	4722	4261	4330	3924	392	336
5906	JAN2021	NCL	3793	4917	4467	4208	3882	709	586
5907	JAN2021	NCL	4162	4695	4271	4354	3955	341	316
5908	JAN2021	NCL	3797	4671	4217	4206	3806	465	410
5909	JAN2021	NCL	3685	4369	3999	4223	3826	146	173
5910	JAN2021	NCL	4091	4688	4224	4141	3757	547	468

5911	JAN2021	NCL	3815	4480	4074	4062	3718	418	356
5912	JAN2021	NCL	3751	4470	4098	3977	3617	493	481
5913	JAN2021	NCL	4086	4422	4041	4173	3933	249	109
5914	JAN2021	NCL	3740	4666	4273	3821	3532	845	741
5915	JAN2021	NCL	4158	4649	4247	3832	3450	817	797
5916	JAN2021	NCL	4159	4507	4110	3970	3834	537	276
5917	JAN2021	NCL	3697	5064	4510	4135	3766	929	744
5918	JAN2021	NCL	4074	4445	4003	4282	3958	163	46
5919	JAN2021	NCL	4149	4955	4499	4467	4279	488	220
5920	JAN2021	NCL	3895	4571	4148	3704	3425	867	723
5921	JAN2021	Pakri Bawadih	3845	4608	4384	4346	4084	262	300
5922	JAN2021	Pakri Bawadih	3966	4814	4545	4024	3792	790	753
5923	JAN2021	Pakri Bawadih	3981	4974	4654	4041	3752	933	902
5924	JAN2021	Pakri Bawadih	4000	5091	4772	5049	4646	42	126
5925	JAN2021	Pakri Bawadih	4008	4965	4744	4377	4111	588	633
5926	JAN2021	Pakri Bawadih	3983	4717	4465	4180	4004	537	461
5927	JAN2021	Pakri Bawadih	3960	5043	4798	4600	4287	443	512
5928	JAN2021	Pakri Bawadih	3966	5057	4765	4260	4066	797	699
5929	JAN2021	Pakri Bawadih	3976	5022	4779	4240	4031	782	748
5930	JAN2021	Pakri Bawadih	3877	4907	4644	4551	4245	356	399
5931	JAN2021	Pakri Bawadih	3992	4746	4536	4579	4234	167	302
5932	JAN2021	Pakri Bawadih	3972	4370	4131	3980	3806	390	326
5933	FEB2021	NCL	4026	4214	3867	3411	3067	803	800
5934	FEB2021	NCL	4141	4779	4804	4195	3795	584	1009
5935	FEB2021	NCL	4086	4940	4459	4302	3859	638	600
5936	FEB2021	NCL	4100	4393	4036	3865	3549	528	487
5937	FEB2021	NCL	3953	4306	3937	3046	2768	1260	1170
5938	FEB2021	NCL	3800	4518	4090	3474	3125	1044	965
5939	FEB2021	NCL	3778	4913	4495	3733	3370	1180	1125
5940	FEB2021	NCL	4106	4595	4164	3541	3186	1054	978
5941	FEB2021	NCL	4084	4065	3916	4045	3652	20	265
5942	FEB2021	NCL	4117	4741	4338	3805	3414	936	924
5943	FEB2021	NCL	3597	4618	4229	4225	3828	393	401
5944	FEB2021	NCL	3653	4483	4069	4350	3916	133	153
5945	FEB2021	NCL	3830	4614	4196	4518	4084	96	113
5946	FEB2021	NCL	3930	4498	4056	4390	3917	108	139
5947	FEB2021	NCL	3606	4643	4205	4371	3905	272	300
5948	FEB2021	NCL	4112	4455	4061	3761	3454	694	607
5949	FEB2021	NCL	3846	4322	3940	4362	3946	-40	-6
5950	FEB2021	NCL	3722	4318	3933	3910	3523	408	410
5951	FEB2021	NCL	3975	4162	3756	3800	3439	362	318
5952	FEB2021	NCL	4000	4299	3885	3384	3062	915	823
5953	FEB2021	NCL	3695	4063	3692	3474	3162	589	530
5954	FEB2021	NCL	4000	4769	4333	3051	2745	1718	1587

5955	FEB2021	NCL	3888	4579	4165	4218	3842	361	322
5956	FEB2021	NCL	4015	4480	4119	4508	4173	-28	-54
5957	FEB2021	NCL	3770	4864	4454	4739	4412	125	42
5958	FEB2021	NCL	4035	4653	4242	3897	3517	756	725
5959	FEB2021	NCL	3984	4360	3997	3329	3058	1031	940
5960	FEB2021	NCL	4050	4839	4447	3542	3175	1297	1272
5961	FEB2021	NCL	3926	4152	3904	4035	3643	117	261
5962	FEB2021	NCL	4036	3983	3677	2953	2665	1030	1012
5963	FEB2021	NCL	3840	4749	4319	3981	3561	768	757
5964	FEB2021	NCL	4153	5395	4941	4060	3735	1335	1205
5965	FEB2021	NCL	4011	4363	4240	3304	3017	1059	1223
5966	FEB2021	NCL	4094	5204	4817	4085	3804	1119	1013
5967	FEB2021	NCL	4189	4443	4013	4487	4062	-44	-49
5968	FEB2021	NCL	3729	4496	4240	3944	3536	552	704
5969	FEB2021	NCL	3789	4512	4115	4308	3905	204	210
5970	FEB2021	NCL	3814	4457	4001	4120	3810	337	191
5971	FEB2021	NCL	3776	4917	4517	4138	3780	779	737
5972	FEB2021	NCL	1987	4177	3783	4122	3838	55	-56
5973	FEB2021	NCL	2130	5101	4651	3527	3236	1574	1414
5974	FEB2021	NCL	4095	4409	3995	3132	2834	1277	1161
5975	FEB2021	NCL	3799	4985	4697	4015	3612	970	1085
5976	FEB2021	NCL	3724	4812	4326	4191	3842	621	484
5977	FEB2021	NCL	3801	4782	4484	4163	3785	619	698
5978	FEB2021	NCL	4156	4716	4300	4029	3652	687	648
5979	FEB2021	NCL	4102	4227	4055	3541	3167	686	887
5980	FEB2021	NCL	3791	4613	4224	4043	3709	570	516
5981	FEB2021	NCL	3743	5073	4455	4088	3737	985	718
5982	FEB2021	NCL	3598	5056	4559	4092	3701	964	858
5983	FEB2021	NCL	3595	4912	4496	4001	3599	911	897
5984	FEB2021	NCL	3928	4325	4127	3472	3165	853	962
5985	FEB2021	NCL	3609	4333	3985	3405	3116	928	869
5986	FEB2021	NCL	3981	4539	4271	3627	3286	912	985
5987	FEB2021	NCL	3844	4482	4258	3642	3338	840	921
5988	FEB2021	NCL	4151	4254	4191	3776	3452	478	740
5989	FEB2021	NCL	3800	4200	3959	3814	3538	386	422
5990	FEB2021	NCL	3619	4150	3844	3069	2778	1081	1066
5991	FEB2021	NCL	3584	4302	3872	4049	3609	253	263
5992	FEB2021	NCL	3729	4896	4387	4044	3674	852	714
5993	FEB2021	NCL	3788	4934	4457	3868	3535	1066	922
5994	FEB2021	NCL	3672	4757	4328	4010	3625	747	703
5995	FEB2021	NCL	3724	4645	4191	3776	3344	869	847
5996	FEB2021	NCL	3573	4576	4124	2998	2706	1578	1417
5997	FEB2021	NCL	3779	5005	4471	3581	3225	1424	1246
5998	FEB2021	Pakri Bawadih	3957	4787	4549	4366	4171	421	378

5999	FEB2021	Pakri Bawadih	3976	4924	4630	3917	3777	1007	854
6000	FEB2021	Pakri Bawadih	3985	4717	4492	4621	4328	96	165
6001	FEB2021	Pakri Bawadih	3986	4585	4314	4093	3902	492	412
6002	MAR2021	CCL	3986	4639	4695	3674	3511	965	1184
6003	MAR2021	CCL	4073	4243	4060	3992	3770	251	291
6004	MAR2021	CCL	4041	2832	2686	3665	3333	-833	-647
6005	MAR2021	CCL	4052	2771	2695	3714	3386	-943	-691
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6007	MAR2021	CCL	4002	3434	3241	3844	3615	-410	-374
6008	MAR2021	CCL	3761	3343	3064	4187	3819	-844	-755
6009	MAR2021	CCL	2884	4772	4571	4137	3958	635	614
6010	MAR2021	CCL	738	4484	4356	4967	4807	-483	-450
6011	MAR2021	CCL	3025	4696	4635	3690	3395	1006	1240
6012	MAR2021	CCL	635	4498	4826	3920	3593	578	1234
6013	MAR2021	CCL	3644	4142	4026	4556	4279	-414	-252
6014	MAR2021	CCL	3267	4759	4538	4304	4022	455	517
6015	MAR2021	CCL	409	4550	4301	4611	4288	-61	12
6016	MAR2021	CCL	3756	4331	4266	3963	3617	368	649
6017	MAR2021	CCL	3761	3342	3087	3980	3695	-638	-608
6018	MAR2021	CCL	2920	4669	4707	3988	3781	681	926
6019	MAR2021	CCL	695	4227	4451	4541	4221	-314	230
6020	MAR2021	CCL	3756	3337	3068	3991	3624	-654	-557
6021	MAR2021	CCL	3940	3318	3052	3373	3220	-55	-168
6022	MAR2021	CCL	3988	3308	3096	4124	3713	-816	-617
6023	MAR2021	CCL	3912	3352	3087	3985	3567	-633	-480
6024	MAR2021	CCL	4006	3224	2999	3908	3645	-684	-647
6025	MAR2021	CCL	3994	3214	2973	3862	3609	-648	-636
6026	MAR2021	CCL	3992	3528	3296	3995	3471	-467	-175
6027	MAR2021	CCL	3989	3416	3156	3585	3266	-169	-111
6028	MAR2021	CCL	3936	3385	3133	3707	3459	-322	-326
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6031	MAR2021	CCL	1023	4703	4521	5017	4787	-314	-266
6032	MAR2021	CCL	3995	5483	5288	4790	4526	693	763
6033	MAR2021	NCL	4018	2459	2136	2942	2613	-483	-477
6034	MAR2021	NCL	3844	4668	4152	3907	3596	761	555
6035	MAR2021	NCL	3791	4711	4220	3945	3594	766	626
6036	MAR2021	NCL	3681	4162	3791	3805	3467	357	324
6037	MAR2021	NCL	3721	4477	3991	3934	3564	543	427
6038	MAR2021	NCL	3590	4424	4064	3039	2765	1385	1298
6039	MAR2021	NCL	3777	5135	4592	3681	3363	1454	1228
6040	MAR2021	NCL	3802	4534	4089	3840	3522	694	567
6041	MAR2021	NCL	3939	4376	3961	3339	3026	1037	935
6042	MAR2021	NCL	3748	4570	4127	3651	3337	919	790

6043	MAR2021	NCL	3668	4834	4383	3724	3398	1110	985
6044	MAR2021	NCL	3664	4416	3984	3580	3259	836	725
6045	MAR2021	NCL	3754	4684	4234	3703	3395	981	838
6046	MAR2021	NCL	3590	4347	4118	3367	3075	980	1043
6047	MAR2021	NCL	3603	4477	4073	3441	3109	1036	965
6048	MAR2021	NCL	3794	4508	4072	3621	3310	887	762
6049	MAR2021	NCL	3742	4473	4057	3513	3178	960	880
6050	MAR2021	NCL	3764	4792	4441	3860	3474	932	966
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6052	MAR2021	NCL	3786	4741	4296	4510	4073	231	223
6053	MAR2021	NCL	3704	4549	4311	4516	4092	33	219
6054	MAR2021	NCL	3794	4759	4259	4083	3670	676	589
6055	MAR2021	NCL	4001	4137	4184	3130	2911	1007	1272
6056	MAR2021	NCL	4080	4604	4257	4218	3867	386	391
6057	MAR2021	NCL	1805	5529	5114	4660	4259	869	855
6058	MAR2021	NCL	2150	4041	3701	3073	2854	968	847
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6060	MAR2021	NCL	3804	4454	4034	3923	3550	531	484
6061	MAR2021	NCL	3968	4248	3820	3460	3154	788	666
6062	MAR2021	NCL	3780	4237	3928	4434	3990	-197	-62
6063	MAR2021	NCL	3794	4551	4154	3940	3586	611	567
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6065	MAR2021	NCL	3827	4492	4042	3726	3422	766	620
6066	MAR2021	NCL	3715	4049	3897	3930	3667	119	230
6067	MAR2021	NCL	3678	4219	3794	3905	3545	314	248
6068	MAR2021	NCL	3815	4690	4238	4115	3790	575	447
6069	MAR2021	NCL	3839	4391	4140	3518	3193	873	946
6070	MAR2021	NCL	3919	4274	3863	3325	3063	949	800
6071	MAR2021	NCL	3966	4363	3940	4174	3808	189	132
6072	MAR2021	NCL	3806	4522	4103	3939	3500	583	603
6073	MAR2021	NCL	4117	4291	3841	3545	3248	746	592
6074	MAR2021	NCL	3756	4456	4064	4317	3888	139	176
6075	MAR2021	NCL	3913	4191	4085	3952	3677	239	408
6076	MAR2021	NCL	4030	4834	4427	4680	4352	154	75
6077	MAR2021	NCL	3830	4442	4010	4445	3979	-3	31
6078	MAR2021	NCL	3716	3813	3991	3602	3253	211	738
6079	MAR2021	NCL	3711	4811	4342	4131	3681	680	661
6080	MAR2021	NCL	3771	4357	3937	3702	3336	655	601
6081	MAR2021	NCL	3844	4696	4268	4359	4054	337	213
6082	MAR2021	NCL	3768	4596	4147	3866	3431	730	716
6083	MAR2021	NCL	4095	4971	4458	3881	3540	1090	918
6084	MAR2021	NCL	4118	4662	4187	3544	3293	1118	895
6085	MAR2021	NCL	3020	4442	4290	4339	4019	103	271
6086	MAR2021	NCL	1056	3459	3450	4339	4019	-880	-569

6087	MAR2021	NCL	3940	4497	4020	4597	4286	-100	-266
6088	MAR2021	NCL	4010	4497	4016	3683	3371	814	645
6089	MAR2021	NCL	4046	4672	4200	3184	2895	1488	1305
6090	MAR2021	NCL	4052	4589	4191	4003	3804	586	387
6091	MAR2021	NCL	3571	4297	3830	3192	3087	1105	743
6092	MAR2021	NCL	4081	4581	4275	4198	3847	383	428
6093	MAR2021	NCL	3669	4732	4287	3959	3561	773	725
6094	MAR2021	NCL	3519	4697	4231	4047	3555	650	676
6095	MAR2021	NCL	4028	4829	4388	4013	3636	816	752
6096	MAR2021	NCL	3716	4564	4149	3707	3330	857	819
6097	MAR2021	NCL	3609	4676	4202	4190	3702	486	501
6098	MAR2021	Pakri Bawadih	3967	4841	4696	3768	3503	1073	1193
6099	MAR2021	Pakri Bawadih	3957	4754	4567	4310	4003	444	564
6100	MAR2021	Pakri Bawadih	3936	4688	4547	4160	3972	528	575
6101	MAR2021	Pakri Bawadih	3943	4767	4634	4380	4091	387	542
6102	MAR2021	Pakri Bawadih	3689	4690	4539	4204	3836	486	704
6103	MAR2021	Pakri Bawadih	4015	4671	4458	4372	4024	299	434
6104	MAR2021	Pakri Bawadih	3981	4706	4540	4244	3970	462	570
6105	MAR2021	Pakri Bawadih	3957	4472	4219	4651	4381	-179	-162
6106	MAR2021	Pakri Bawadih	3986	4477	4319	4618	4355	-141	-36
6107	MAR2021	Pakri Bawadih	3976	5200	4933	4034	3793	1166	1140
6108	MAR2021	Pakri Bawadih	4001	4995	4760	4518	4131	477	629
6109	MAR2021	Pakri Bawadih	3913	4894	4723	4845	4460	49	263
6110	MAR2021	Pakri Bawadih	4027	4795	4549	4631	4326	164	223
6111	MAR2021	Pakri Bawadih	3974	4911	4695	4579	4118	332	577
6112	MAR2021	Pakri Bawadih	3980	4751	4614	4586	4271	165	343
6113	MAR2021	Pakri Bawadih	3952	4868	4706	5118	4645	-250	61
6114	MAR2021	Pakri Bawadih	3917	4526	4311	4358	3891	168	420
6115	MAR2021	Pakri Bawadih	3942	5024	4786	4988	4608	36	178
6116	MAR2021	Pakri Bawadih	3831	4698	4470	4194	3926	504	544
6117	MAR2021	Pakri Bawadih	3919	4929	4766	4938	4588	-9	178
6118	MAR2021	Pakri Bawadih	3860	4979	4819	4254	4004	725	816
6119	MAR2021	Pakri Bawadih	3962	4763	4551	4498	3910	265	640
6120	MAR2021	Pakri Bawadih	4005	4996	4857	4505	4138	491	719
6121	MAR2021	Pakri Bawadih	3963	4559	4394	4602	4144	-43	250
6122	MAR2021	Pakri Bawadih	3970	4744	4627	4805	4585	-61	42
6123	MAR2021	Pakri Bawadih	3939	4371	4245	4472	4151	-101	94
6124	APR2021	CCL	1664.72	4302	4028	3858	3695	444	333
6125	APR2021	CCL	1783.07	3735	3485	3867	3789	-132	-304
6126	APR2021	CCL	3526.82	4989	4846	4265	4059	724	787
6127	APR2021	CCL	3964.52	2791	2595	4010	3582	-1219	-987
6128	APR2021	CCL	3966.79	2775	2580	4353	4006	-1578	-1425
6129	APR2021	CCL	4001.74	3993	3674	4321	3931	-328	-257
6130	APR2021	CCL	4002.03	2802	2671	4265	3838	-1463	-1167
6131	APR2021	CCL	3998.1	2762	2584	3938	3562	-1176	-978

6132	APR2021	CCL	4066.9	3561	3347	3790	3568	-229	-220
6133	APR2021	CCL	4001.85	3255	2986	4112	3722	-857	-736
6134	APR2021	CCL	3749.11	3219	2930	4191	3859	-972	-929
6135	APR2021	CCL	3997	3174	2896	3883	3452	-709	-555
6136	APR2021	CCL	3954.4	2776	2658	3445	3132	-669	-474
6137	APR2021	CCL	4010.2	2756	2550	3590	3309	-834	-759
6138	APR2021	CCL	3971.96	3369	3054	4398	4016	-1029	-962
6139	APR2021	CCL	3980.9	3394	3123	3196	2858	198	264
6140	APR2021	CCL	4009.2	3325	3067	4129	3792	-804	-725
6141	APR2021	CCL	3965.1	3348	3091	4189	3745	-841	-654
6142	APR2021	CCL	3997.8	3095	2835	3484	3029	-389	-193
6143	APR2021	CCL	3750.01	3275	3071	4002	3743	-727	-672
6144	APR2021	CCL	3930.3	3357	3134	4191	3802	-834	-668
6145	APR2021	CCL	3747.81	3338	3137	4041	3751	-703	-614
6146	APR2021	CCL	4000.4	3226	3103	4675	4285	-1449	-1182
6147	APR2021	CCL	3969	3328	3145	4428	4019	-1100	-874
6148	APR2021	CCL	4006.96	3288	3187	4885	4405	-1597	-1218
6149	APR2021	CCL	3961.96	3318	3171	3588	3199	-270	-29
6150	APR2021	CCL	3953	3405	3147	4341	4033	-936	-886
6151	APR2021	CCL	3964.4	3364	3281	3736	3408	-372	-127
6152	APR2021	CCL	3985.5	3335	3182	3395	3098	-60	84
6153	APR2021	CCL	3987.74	3298	3143	4037	3725	-739	-582
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6155	APR2021	CCL	3990.2	2980	2774	4340	3893	-1360	-1119
6156	APR2021	CCL	3986.6	3075	2834	3726	3307	-651	-473
6157	APR2021	CCL	3997.2	3092	2878	3673	3303	-581	-425
6158	APR2021	NCL	3796.82	4509	4054	4000	3532	509	522
6159	APR2021	NCL	3735	4425	3969	3765	3304	660	666
6160	APR2021	NCL	4077.4	4330	3859	3828	3501	502	358
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6162	APR2021	NCL	1564.44	5960	5496	4605	4304	1355	1192
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6164	APR2021	NCL	3679.22	4316	3893	4098	3762	218	131
6165	APR2021	NCL	3722.21	4434	3980	3718	3337	716	642
6166	APR2021	NCL	3795.36	4213	3796	4031	3744	182	52
6167	APR2021	NCL	3958.2	4412	3962	3775	3447	637	516
6168	APR2021	NCL	3871.1	4313	3886	3777	3471	536	415
6169	APR2021	NCL	3777.88	4742	4257	4153	3837	589	419
6170	APR2021	NCL	4135	4198	3730	3692	3405	506	324
6171	APR2021	NCL	3831.77	4578	4152	3598	3342	980	810
6172	APR2021	NCL	3473.78	4715	4245	3711	3424	1004	820
6173	APR2021	NCL	3669.52	4631	4185	3618	3318	1013	867
6174	APR2021	NCL	4092.46	4502	4038	3726	3405	776	634
6175	APR2021	NCL	4079.85	4589	4135	3489	3052	1100	1083
6176	APR2021	NCL	3053	4720	4378	4575	4154	145	224
6177	APR2021	NCL	1065	3896	3612	4575	4154	-679	-542
6178	APR2021	NCL	3776.71	4425	4000	3618	3236	807	764

6179	APR2021	NCL	3800.04	4521	4120	3911	3569	610	551
6180	APR2021	NCL	4016.72	4475	4102	3996	3687	479	415
6181	APR2021	NCL	3342.36	4523	4150	3975	3640	548	510
6182	APR2021	NCL	3982.4	4268	3849	3661	3204	607	645
6183	APR2021	NCL	3649.94	4509	4138	4450	3985	59	154
6184	APR2021	NCL	3746.36	4860	4500	3815	3476	1045	1024
6185	APR2021	NCL	3572.03	4229	3824	3522	3191	707	633
6186	APR2021	NCL	3398.63	4657	4271	4299	3823	358	448
6187	APR2021	NCL	2854.44	4667	4364	4274	3909	393	456
6188	APR2021	NCL	998.63	3690	3356	4274	3909	-584	-553
6189	APR2021	NCL	3737.86	4539	4108	2701	2424	1838	1684
6190	APR2021	NCL	3746.1	4941	5086	3920	3618	1021	1468
6191	APR2021	NCL	2123.6	4102	3717	3493	3221	609	495
6192	APR2021	NCL	1914.2	4087	3718	3493	3221	594	497
6193	APR2021	NCL	3983.503	4469	4089	3970	3530	499	559
6194	APR2021	NCL	3664.31	4431	4026	5000	4494	-569	-467
6195	APR2021	NCL	4046.26	4560	4143	3906	3396	654	747
6196	APR2021	NCL	3695.71	4503	4044	4088	3671	415	372
6197	APR2021	NCL	3659.21	4361	3948	3797	3441	564	508
6198	APR2021	NCL	3834.09	4559	4150	3928	3509	631	641
6199	APR2021	NCL	3731.9	4443	4051	4398	3934	45	117
6200	APR2021	NCL	3702.16	4867	4434	4181	3678	686	757
6201	APR2021	NCL	3686.16	5026	4591	4290	3832	736	759
6202	APR2021	NCL	3746.92	5018	4547	4393	4011	625	536
6203	APR2021	NCL	3636.32	4708	4295	4437	4037	271	258
6204	APR2021	NCL	3672.28	4598	4176	4112	3762	486	414
6205	APR2021	NCL	3785.86	5081	4622	4351	3868	730	754
6206	APR2021	NCL	3726.64	5141	4664	4332	3854	809	810
6207	APR2021	NCL	3867.14	4462	4044	3178	2894	1284	1150
6208	APR2021	NCL	3682.64	4806	4303	4617	4174	189	130
6209	APR2021	NCL	3554.22	4799	4344	4971	4512	-172	-169
6210	APR2021	NCL	3715.3	4875	4416	4183	3698	692	718
6211	APR2021	NCL	3514.16	4854	4375	4516	4117	338	257
6212	APR2021	NCL	3774.08	4822	4355	3925	3478	897	877
6213	APR2021	NCL	3540.82	4385	3913	4106	3641	279	272
6214	APR2021	NCL	3764.16	4419	4049	4246	3772	173	277
6215	APR2021	NCL	3467.93	4707	4348	4185	3727	522	620
6216	APR2021	NCL	3801.8	4644	4226	4026	3658	618	568
6217	APR2021	NCL	3673.86	4673	4272	4237	3794	436	478
6218	APR2021	NCL	3725.28	4757	4353	4674	4194	83	160
6219	APR2021	NCL	3570.82	4709	4309	4139	3715	570	593
6220	APR2021	NCL	3493.62	4603	4212	4900	4447	-297	-235
6221	APR2021	NCL	3716.36	4665	4264	4572	4108	93	156
6222	APR2021	NCL	3549.72	4759	4325	4268	3889	491	435
6223	APR2021	NCL	4018.44	4974	4551	4787	4343	187	208
6224	APR2021	NCL	3621.42	4671	4257	4332	3961	339	295
6225	APR2021	NCL	3777.84	4736	4284	4429	3938	307	346

6226	APR2021	BCCL	4148.52	4836	4782	5055	4958	-219	-176
6227	APR2021	BCCL	3725.67	4885	4786	5206	5085	-321	-299
6228	APR2021	BCCL	260	5580	5501	5284	5199	296	302
6229	APR2021	BCCL	4092.59	4850	4762	4151	4151	699	611
6230	APR2021	BCCL	3815.81	5090	4997	5501	5439	-411	-442
6231	APR2021	BCCL	1897.74	5271	5250	4536	4513	735	737
6232	APR2021	BCCL	1995.75	4953	4913	4536	4513	417	400
6233	APR2021	BCCL	3756.03	4461	4339	5755	5644	-1294	-1305
6234	APR2021	BCCL	2859.8	5183	5178	4623	4576	560	602
6235	APR2021	BCCL	874.8	5167	5151	4921	4856	246	295
6236	APR2021	BCCL	3827.88	5325	5148	4486	4459	839	689
6237	APR2021	BCCL	735.84	5343	5181	4684	4637	659	545
6238	APR2021	BCCL	2962.12	5319	5094	4769	4726	550	368
6239	APR2021	BCCL	2064.51	4514	4423	5835	5759	-1321	-1336
6240	APR2021	BCCL	1595.43	5540	5423	5835	5759	-295	-336
6241	APR2021	BCCL	4011.97	5628	5440	4761	4684	867	757
6242	APR2021	Pakri Bawadih	3988.92	5353	5237	4745	4395	608	842
6243	APR2021	Pakri Bawadih	3867.6	4864	4724	4893	4633	-29	90
6244	APR2021	Pakri Bawadih	3877.57	4560	4419	5077	4693	-517	-274
6245	APR2021	Pakri Bawadih	3958.5	4708	4542	4596	4290	112	253
6246	APR2021	Pakri Bawadih	4010.87	4701	4551	4556	4215	145	336
6247	APR2021	Pakri Bawadih	4060.31	4268	4188	4032	3785	236	403
6248	APR2021	Pakri Bawadih	4018.5	4247	4141	4426	4100	-179	41
6249	APR2021	Pakri Bawadih	3946.55	4465	4317	4150	3841	315	475
6250	APR2021	Pakri Bawadih	4013.02	4186	4103	4657	4307	-471	-204
6251	APR2021	Pakri Bawadih	4004.74	4454	4371	4275	3982	179	389
6252	APR2021	Pakri Bawadih	3774.07	4652	4450	4629	4196	23	254
6253	APR2021	Pakri Bawadih	3985.5	3510	3427	4782	4483	-1272	-1056
6254	APR2021	Pakri Bawadih	4080.2	4623	4471	4910	4589	-287	-119
6255	APR2021	Pakri Bawadih	3681.02	3961	3827	4120	3869	-159	-42
6256	APR2021	Pakri Bawadih	3937.6	4396	5368	3882	3699	514	1669
6257	APR2021	Pakri Bawadih	3997.2	4497	4349	4582	4270	-85	80
6258	APR2021	Pakri Bawadih	3999.2	4582	4390	4701	4465	-119	-75
6259	APR2021	Pakri Bawadih	3969.1	4891	4681	3979	3761	912	919
6260	APR2021	Pakri Bawadih	3951.95	4568	4464	4897	4651	-329	-187
6261	APR2021	Pakri Bawadih	3974.2	4310	4279	4401	4172	-91	107
6262	APR2021	Pakri Bawadih	3965.1	4461	4313	4846	4562	-385	-249
6263	APR2021	Pakri Bawadih	3967.9	5110	4946	4610	4350	500	596
6264	APR2021	Pakri Bawadih	3945.53	4717	4512	5024	4672	-307	-160
6265	APR2021	Pakri Bawadih	3906.02	5695	5577	4718	4451	977	1126
6266	APR2021	Pakri Bawadih	3998.49	4609	4385	4601	4283	8	102
6267	APR2021	Pakri Bawadih	3983.3	4824	4609	5166	4775	-342	-166
6268	APR2021	Pakri Bawadih	3976.3	4761	4559	5619	5233	-858	-675
6269	APR2021	Pakri Bawadih	3984.1	5011	4794	4489	4195	522	599
6270	MAY2021	CCL	3522.63	4902	4849	4427	4085	475	764
6271	MAY2021	CCL	1898.49	4912	4606	4188	3907	724	698
6272	MAY2021	CCL	1858.72	4888	4659	4188	3907	700	751

6273	MAY2021	CCL	4004.8	5250	5123	4762	4611	488	512
6274	MAY2021	CCL	3762.21	3272	3142	3739	3314	-467	-172
6275	MAY2021	CCL	3784.81	3184	3044	3779	3382	-595	-338
6276	MAY2021	CCL	1248	4695	4560	4110	3878	585	682
6277	MAY2021	CCL	2493.71	4419	4122	4110	3878	309	244
6278	MAY2021	CCL	3757.91	3226	3098	4019	3740	-793	-642
6279	MAY2021	CCL	3751.91	3172	3046	3915	3584	-743	-538
6280	MAY2021	CCL	3754.71	3196	3025	3783	3433	-587	-407
6281	MAY2021	CCL	3260.41	3267	3052	4010	3650	-743	-597
6282	MAY2021	CCL	931.64	5068	4821	4125	3877	943	944
6283	MAY2021	CCL	2420.29	4656	4470	4125	3877	531	592
6284	MAY2021	CCL	3772.11	2939	2705	3907	3517	-968	-812
6285	MAY2021	CCL	981.84/2673.68	4582	4338	3784	3449	798	889
6286	MAY2021	CCL	981.84/2673.68	4654	4356	3784	3449	870	907
6287	MAY2021	CCL	3925.16	3441	3319	3750	3423	-309	-104
6288	MAY2021	CCL	3941.92	3308	3060	3928	3575	-620	-515
6289	MAY2021	CCL	2730.38	4446	4157	3791	3542	655	615
6290	MAY2021	CCL	1026.33	4636	4410	3740	3464	896	946
6291	MAY2021	CCL	2624.1	4202	3966	3953	3716	249	250
6292	MAY2021	CCL	1157.91	4765	4462	3985	3755	780	707
6293	MAY2021	CCL	2254.84	4762	4423	4317	4055	445	368
6294	MAY2021	CCL	1407.07	3782	3527	4242	3941	-460	-414
6295	MAY2021	CCL	1438.48	4464	4186	4639	4400	-175	-214
6296	MAY2021	CCL	2314.64	3952	3663	4602	4371	-650	-708
6297	MAY2021	CCL	2196.75	3939	3791	3993	3722	-54	69
6298	MAY2021	CCL	1509.56	4412	4210	4138	3844	274	365
6299	MAY2021	CCL	2436.33	3286	3113	4066	3804	-780	-690
6300	MAY2021	CCL	1273.69	4776	4477	3802	3549	974	928
6301	MAY2021	CCL	1071.12	4654	4403	4297	3942	357	461
6302	MAY2021	CCL	2454.09	4061	3894	3263	2996	798	898
6303	MAY2021	CCL	3725.61	4625	4319	3815	3550	810	770
6304	MAY2021	CCL	3768.31	2855	2695	3086	2775	-231	-81
6305	MAY2021	NCL	3543.58	4759	4359	4206	3813	553	546
6306	MAY2021	NCL	3752.58	4880	4485	4556	4088	324	397
6307	MAY2021	NCL	3729.51	4578	4200	4016	3652	562	548
6308	MAY2021	NCL	3613.03	4855	4472	4206	3804	649	668
6309	MAY2021	NCL	3784.78	4666	4251	4144	3667	522	585
6310	MAY2021	NCL	3817.7	4583	4181	3947	3520	636	661
6311	MAY2021	NCL	3491.73	4768	4398	4014	3663	754	735
6312	MAY2021	NCL	4158.59	4794	4347	4085	3653	709	694
6313	MAY2021	NCL	3731.22	4848	4437	3880	3485	968	951
6314	MAY2021	NCL	4023.84	4775	4316	4019	3594	756	722
6315	MAY2021	NCL	3803.54	4770	4361	3516	3194	1254	1167
6316	MAY2021	NCL	3472.63	4468	4017	4058	3647	410	370
6317	MAY2021	NCL	3797.76	4924	4474	3874	3520	1050	955
6318	MAY2021	NCL	3360.44	4466	4001	3992	3605	474	396
6319	MAY2021	NCL	3784.2	4421	4052	4661	4188	-240	-136

6320	MAY2021	NCL	3813.46	4526	4133	4278	3808	248	326
6321	MAY2021	NCL	3667.31	4869	4421	4787	4348	82	74
6322	MAY2021	NCL	3591.08	4034	3682	4222	3849	-188	-167
6323	MAY2021	NCL	3721.38	4507	4101	3959	3576	548	526
6324	MAY2021	NCL	3667.13	4470	4060	4211	3883	259	177
6325	MAY2021	NCL	3828	4575	4168	3705	3413	870	755
6326	MAY2021	NCL	3840.61	4512	4099	4026	3695	486	404
6327	MAY2021	NCL	3788.54	4487	4119	3962	3576	525	543
6328	MAY2021	NCL	3620.61	4051	3687	3997	3683	54	5
6329	MAY2021	NCL	3788.28	4142	3787	3956	3640	186	147
6330	MAY2021	NCL	3630.91	4252	3854	3809	3416	443	439
6331	MAY2021	NCL	3652.7	4665	4250	4580	4099	85	150
6332	MAY2021	NCL	3682.1	4426	3987	3559	3190	867	797
6333	MAY2021	NCL	3731.72	4455	4017	3756	3412	699	605
6334	MAY2021	NCL	3713.8	4553	4110	3596	3273	957	838
6335	MAY2021	NCL	3807.06	4428	4017	4475	4011	-47	6
6336	MAY2021	NCL	3806.22	4438	4029	3809	3471	629	558
6337	MAY2021	NCL	3773.91	4619	4194	3800	3429	819	765
6338	MAY2021	NCL	3445.75	4657	4201	4169	3848	488	353
6339	MAY2021	NCL	3732	4740	4293	3856	3585	884	709
6340	MAY2021	NCL	3727.1	4730	4275	4252	3959	478	316
6341	MAY2021	NCL	3736.01	3978	3590	3915	3608	63	-18
6342	MAY2021	NCL	3591.48	4659	4227	3819	3519	840	708
6343	MAY2021	NCL	3746.52	4544	4121	4280	3957	264	164
6344	MAY2021	NCL	3490.88	4478	4063	4183	3857	295	206
6345	MAY2021	NCL	3643.71	4039	3679	3886	3577	153	101
6346	MAY2021	NCL	3574.61	3816	3455	3446	3113	370	343
6347	MAY2021	NCL	3612.46	4189	3772	4271	3910	-82	-137
6348	MAY2021	NCL	3163.48	4667	4239	3700	3354	967	885
6349	MAY2021	NCL	3413.94	4221	3810	3770	3381	451	429
6350	MAY2021	NCL	3519.92	4311	3902	4459	3935	-148	-33
6351	MAY2021	NCL	3725.32	4693	4255	4126	3762	567	492
6352	MAY2021	NCL	3788.24	4581	4168	4466	4062	115	106
6353	MAY2021	NCL	3797.98	4284	3822	4211	3809	73	13
6354	MAY2021	NCL	3779.68	4584	4120	3257	2933	1327	1187
6355	MAY2021	BCCL	3808.4	5543	5425	5132	5049	411	377
6356	MAY2021	BCCL	3925.47	4578	4477	4999	4918	-421	-441
6357	MAY2021	Pakri Bawadiah	3993.4	4501	4380	5475	5166	-974	-786
6358	MAY2021	Pakri Bawadiah	3979.6	5103	5082	5566	5248	-463	-166
6359	JUNE2021	CCL	3993.9	3470	3245	3931	3528	-461	-283
6360	JUNE2021	CCL	3994.8	3453	3225	4360	3949	-907	-723
6361	JUNE2021	NCL	3623	4511	4063	4008	3618	503	445
6362	JUNE2021	NCL	3614.82	4386	3932	4279	3878	107	54
6363	JUNE2021	NCL	3533.02	4362	3951	4071	3699	291	251
6364	JUNE2021	NCL	3549.11	4310	3910	4369	3996	-59	-86
6365	JUNE2021	NCL	3734.16	4144	3780	4240	3836	-96	-56
6366	JUNE2021	NCL	3661.92	4454	4029	3773	3390	681	639

6367	JUNE2021	NCL	3512.83	4288	3855	3935	3574	353	281
6368	JUNE2021	NCL	3670.18	4311	3857	4072	3684	239	174
6369	JUNE2021	NCL	3530.92	4555	4094	4067	3694	488	400
6370	JUNE2021	NCL	3368.75	4631	4192	3589	3243	1042	949
6371	JUNE2021	NCL	3715.36	4508	4073	4135	3761	373	312
6372	JUNE2021	NCL	3272.27	4590	4142	3625	3265	965	877
6373	JUNE2021	NCL	3770.3	4591	4129	4656	4193	-65	-63
6374	JUNE2021	NCL	3592.46	4657	4179	3588	3229	1069	950
6375	JUNE2021	NCL	3684.81	4329	3879	3959	3585	370	294
6376	JUNE2021	NCL	3594.03	4285	3862	3388	3038	897	824
6377	JUNE2021	NCL	3507.52	3751	3373	2997	2682	754	691
6378	JUNE2021	NCL	3800.84	4470	3992	4152	3811	318	181
6379	JUNE2021	NCL	3638.08	3545	3172	3411	3068	134	105
6380	JUNE2021	NCL	3416.63	4074	3677	3229	2901	845	775
6381	JUNE2021	NCL	3573.34	3854	3467	2539	2301	1315	1166
6382	JUNE2021	NCL	3614.84	4030	3629	3432	3051	598	578
6383	JUNE2021	NCL	3419.54	4234	3805	4177	3749	57	56
6384	JUNE2021	NCL	3752.81	5393	4955	3989	3631	1404	1325
6385	JUNE2021	NCL	3735.8	4513	4078	3354	3020	1159	1058
6386	JUNE2021	NCL	3549.81	3793	3389	3954	3606	-161	-217
6387	JUNE2021	NCL	3569.63	3824	3415	4152	3766	-328	-351
6388	JUNE2021	NCL	3734.18	4504	4059	3796	3403	708	656
6389	JUNE2021	NCL	3438.11	4307	3894	3642	3327	665	567
6390	JUNE2021	NCL	3414.71	4491	4105	3639	3289	852	816
6391	JUNE2021	NCL	4049.2	4494	4052	3659	3331	835	721
6392	JUNE2021	BCCL	3757.45	4996	4920	4700	4652	296	268
6393	JUNE2021	BCCL	3940.88	5151	5078	4584	4523	567	555
6394	JUNE2021	Pakri Bawadih	3954.01	5199	4631	3857	3705	1342	926
6395	JULY2021	CCL	2477.91	4486	4204	4050	3737	436	468
6396	JULY2021	CCL	572.2	5140	4649	4275	3942	865	707
6397	JULY2021	CCL	555.6	4633	4387	4726	4426	-93	-39
6398	JULY2021	CCL	2198.05	3726	3373	4240	3891	-514	-518
6399	JULY2021	CCL	735.18	4243	3990	4334	3989	-91	1
6400	JULY2021	CCL	722.18	4565	4273	3543	3276	1022	997
6401	JULY2021	NCL	3503.81	4001	3649	3957	3560	44	89
6402	JULY2021	NCL	3974.8	4115	3736	3624	3295	491	442
6403	JULY2021	NCL	4162.16	4063	3666	3716	3326	347	340
6404	JULY2021	NCL	3885.7	4294	3949	4046	3627	248	323
6405	JULY2021	NCL	3463.41	4384	3982	3888	3502	496	480
6406	JULY2021	NCL	3617.02	4582	4147	4278	3814	304	333
6407	JULY2021	NCL	3553.61	4537	4118	4084	3655	453	464
6408	JULY2021	NCL	3971	4063	3683	4197	3726	-134	-43
6409	JULY2021	NCL	3537.41	4110	3724	4032	3691	78	34
6410	JULY2021	NCL	3439.84	4632	4198	3791	3395	841	803
6411	JULY2021	NCL	3589.71	4583	4169	4092	3684	491	485
6412	JULY2021	NCL	3520.52	4761	4328	3940	3556	821	772
6413	JULY2021	NCL	3636.91	4470	4065	4471	3959	-1	107

6414	JULY2021	NCL	3540.71	4176	3858	3493	3107	683	751
6415	JULY2021	NCL	3656.91	4389	3921	4327	3930	62	-9
6416	JULY2021	NCL	3444.72	4644	4159	4111	3722	533	437
6417	JULY2021	NCL	3527.32	4493	4066	4062	3659	431	407
6418	JULY2021	NCL	3517.81	4381	3905	3960	3593	421	312
6419	JULY2021	NCL	3618.61	4623	4106	4442	3953	181	153
6420	JULY2021	NCL	3760.91	4263	3779	4270	3855	-7	-76
6421	JULY2021	NCL	3436.12	4096	3657	4434	4067	-338	-410
6422	JULY2021	NCL	3562.72	4024	3555	4137	3721	-113	-166
6423	JULY2021	NCL	3627.91	4649	4175	3847	3477	802	698
6424	JULY2021	NCL	3594.01	4302	3889	3868	3488	434	401
6425	JULY2021	NCL	3485.41	4447	3979	4319	3922	128	56
6426	JULY2021	NCL	3677.11	4487	4005	4385	3945	102	61
6427	JULY2021	Pakri Bawadiah	3860.8	4579	4245	4686	4336	-107	-90
6428	JULY2021	Pakri Bawadiah	3951	4291	4089	4698	4423	-407	-335
6429	JULY2021	Pakri Bawadiah	3957.6	4426	4234	4543	4240	-117	-6
6430	JULY2021	Pakri Bawadiah	3883	4659	4400	4884	4538	-225	-138
6431	JULY2021	Pakri Bawadiah	3916.24	4756	4520	4363	4108	393	412
6432	JULY2021	Pakri Bawadiah	3897.8	4463	4211	4536	4215	-73	-4
6433	JULY2021	Pakri Bawadiah	3950.8	5242	4879	4791	4531	451	348
6434	JULY2021	Pakri Bawadiah	3965.8	4646	4335	4641	4336	5	-1
6435	JULY2021	Pakri Bawadiah	3955.6	5216	4930	4364	4134	852	796
6436	JULY2021	Pakri Bawadiah	3858.4	4527	4229	4716	4464	-189	-235
6437	JULY2021	Pakri Bawadiah	4007.6	4731	4501	4474	4113	257	388
6438	JULY2021	Pakri Bawadiah	3827	5005	4797	4729	4443	276	354
6439	JULY2021	Pakri Bawadiah	3873	4651	4410	4873	4598	-222	-188
6440	JULY2021	Pakri Bawadiah	3980.6	4816	1394	4890	4564	-74	-3170
6441	JULY2021	Pakri Bawadiah	3922.2	4438	4210	4381	4140	57	70
6442	JULY2021	Pakri Bawadiah	3881.4	4522	4293	4442	4137	80	156
6443	JULY2021	Pakri Bawadiah	3945.4	4490	4326	4517	4229	-27	97
6444	JULY2021	Pakri Bawadiah	3926.8	4483	4301	4545	4276	-62	25
6445	JULY2021	Pakri Bawadiah	3629.6	4327	4046	4032	3784	295	262
6446	JULY2021	Pakri Bawadiah	3761.8	4884	4532	4328	4050	556	482
6447	JULY2021	Pakri Bawadiah	3951.8	5001	4661	4612	4281	389	381
6448	JULY2021	Pakri Bawadiah	3841.2	4603	4367	5056	4659	-453	-292
6449	JULY2021	Pakri Bawadiah	4007.6	4576	4303	4499	4194	77	109
6450	JULY2021	Pakri Bawadiah	3923.2	4407	4117	5107	4735	-700	-618
6451	AUG2021	CCL	3977	3980	3702	3939	3496	41	206
6452	AUG2021	CCL	2123.8	4516	4325	4488	4129	28	196
6453	AUG2021	CCL	1038.8	4418	4212	4042	3708	376	504
6454	AUG2021	CCL	705.2	4539	4389	4423	4076	116	313
6455	AUG2021	CCL	3966	4136	3784	4480	3917	-344	-132
6456	AUG2021	CCL	3923.86	4103	3737	4631	4101	-528	-365
6457	AUG2021	NCL	3713.81	4313	3871	4749	4360	-436	-489
6458	AUG2021	NCL	4042.82	4389	3922	3977	3575	412	347
6459	AUG2021	NCL	4060	4262	3822	4157	3763	105	59
6460	AUG2021	NCL	3506.01	3981	3643	4511	4033	-530	-390

6461	AUG2021	NCL	4017.66	4680	4195	4214	3794	466	401
6462	AUG2021	NCL	3568.37	4105	3635	3965	3559	140	76
6463	AUG2021	NCL	3770.1	4205	3734	3762	3401	443	333
6464	AUG2021	NCL	4028.22	4567	4191	3710	3321	857	870
6465	AUG2021	NCL	3969.46	4335	3976	4294	3818	41	158
6466	AUG2021	NCL	3969.46	4123	3778	4294	3818	-171	-40
6467	AUG2021	NCL	3899.22	4344	3920	3114	2782	1230	1138
6468	AUG2021	NCL	4053	4511	4161	5041	4551	-530	-390
6469	AUG2021	NCL	4053	4192	3833	5041	4551	-849	-718
6470	AUG2021	NCL	3585.91	4312	3873	3900	3503	412	370
6471	AUG2021	NCL	2141.3	5286	4859	5228	4671	58	188
6472	AUG2021	NCL	1680.6	4415	4046	5228	4671	-813	-625
6473	AUG2021	NCL	3617.21	4042	3670	3959	3561	83	109
6474	AUG2021	NCL	4055.1	4958	4589	4291	3863	667	726
6475	AUG2021	NCL	4055.1	5019	4635	4291	3863	728	772
6476	AUG2021	NCL	4149.9	4757	4356	4656	4225	101	131
6477	AUG2021	NCL	3773	4250	3879	3924	3517	326	362
6478	AUG2021	NCL	3958.3	4664	4273	3655	3283	1009	990
6479	AUG2021	NCL	3958.3	3443	3111	3655	3283	-212	-172
6480	AUG2021	NCL	3958.3	3043	2755	3655	3283	-612	-527
6481	AUG2021	NCL	3872.9	4215	3802	4014	3623	201	178
6482	AUG2021	NCL	3739.61	3745	3336	4507	4146	-762	-810
6483	AUG2021	NCL	4108	4087	3734	3318	2995	769	738
6484	AUG2021	NCL	4108	3526	3229	3318	2995	208	233
6485	AUG2021	NCL	3499.81	4203	3746	4056	3669	147	77
6486	AUG2021	NCL	3918.44	4220	3944	4229	3793	-9	151
6487	AUG2021	NCL	3918.44	4220	3944	4120	3758	100	187
6488	AUG2021	NCL	4118	4238	3905	3686	3414	552	491
6489	AUG2021	NCL	4118	4238	3905	3643	3395	595	510
6490	AUG2021	NCL	4048.8	4462	4036	2670	2393	1792	1644
6491	AUG2021	NCL	3947.76	4433	3948	3731	3344	702	604
6492	AUG2021	NCL	4047	5051	4631	4575	4186	476	445
6493	AUG2021	NCL	4047	4970	4566	4329	3858	641	708
6494	AUG2021	NCL	3775.01	4644	4159	4279	3952	365	207
6495	AUG2021	NCL	3680.52	4509	4032	2959	2661	1550	1371
6496	AUG2021	NCL	2875.64	5439	5029	3878	3477	1561	1553
6497	AUG2021	NCL	1029.99	4630	4239	4454	4020	176	220
6498	AUG2021	NCL	3900.8	2951	2663	2853	2565	98	98
6499	AUG2021	NCL	134.2	3993	3657	2804	2518	1189	1139
6500	AUG2021	NCL	3619.51	4539	4106	4426	3982	113	124
6501	AUG2021	NCL	4033.2	4606	4207	4164	3772	442	435
6502	AUG2021	BCCL	3762.76	5641	5430	5314	5131	327	300
6503	AUG2021	BCCL	3762.8	5759	5613	3857	3621	1902	1992
6504	AUG2021	Pakri Bawadih	4000	5547	5274	4214	3900	1333	1374
6505	AUG2021	Pakri Bawadih	3912.1	4329	4016	4140	3904	189	112
6506	AUG2021	Pakri Bawadih	3963.6	3941	3606	4344	4098	-403	-492
6507	AUG2021	Pakri Bawadih	3963.8	4178	3895	3991	3771	187	124

6508	AUG2021	Pakri Bawadih	4063.6	5125	4859	4297	3921	828	938
6509	AUG2021	Pakri Bawadih	3974.3	4582	4344	4469	4087	113	257
6510	AUG2021	Pakri Bawadih	3961.99	4597	4391	4602	4282	-5	109
6511	SEP2021	CCL	3836.77	4717	4587	4517	4192	200	395
6512	SEP2021	CCL	3985.8	4588	4076	4127	3639	461	437
6513	SEP2021	CCL	3791	4582	4042	4311	3880	271	161
6514	SEP2021	CCL	4039.8	4529	4152	3504	3168	1025	985
6515	SEP2021	CCL	3774.93	4604	4155	3992	3599	612	556
6516	SEP2021	CCL	3899.6	4196	3679	3955	3528	241	152
6517	SEP2021	CCL	3969.93	5128	4552	4053	3606	1075	946
6518	SEP2021	CCL	3930.6	4177	3663	4810	4336	-633	-673
6519	SEP2021	CCL	4070.14	5162	4703	3941	3503	1221	1200
6520	SEP2021	CCL	3986.82	5124	4636	4128	3685	996	951
6521	SEP2021	CCL	4012.5	5187	4600	4619	4146	568	453
6522	SEP2021	CCL	3977.28	3715	3297	4015	3574	-300	-277
6523	SEP2021	CCL	3988.2	3708	3263	3863	3423	-155	-160
6524	SEP2021	CCL	3662.61	4454	4238	4049	3750	405	488
6525	SEP2021	CCL	3593.66	4518	4220	2848	2550	1670	1670
6526	SEP2021	CCL	3804.61	4104	3817	4180	3771	-76	46
6527	SEP2021	CCL	3731.12	3676	3301	3557	3157	119	144
6528	SEP2021	CCL	1562	5185	4778	3634	3272	1551	1506
6529	SEP2021	CCL	3725.43	3753	3396	4223	3771	-470	-375
6530	SEP2021	CCL	3725.4	4397	4013	3816	3437	581	576
6531	SEP2021	CCL	3508.41	4002	3743	4219	3833	-217	-90
6532	SEP2021	CCL	1475.97	4581	4200	3506	3147	1075	1053
6533	SEP2021	CCL	2369.44	4296	3937	3464	3111	832	825
6534	SEP2021	CCL	3698.32	4567	4345	3918	3643	649	702
6535	SEP2021	CCL	4000	4536	4208	4626	4314	-90	-106
6536	SEP2021	CCL	3754.51	4443	4189	3679	3435	764	754
6537	SEP2021	CCL	4000	4526	4236	4094	3791	432	445
6538	SEP2021	CCL	1735.51	5084	4762	4147	3878	937	884
6539	SEP2021	CCL	1939.1	4443	4081	4206	3970	237	111
6540	SEP2021	CCL	1918.5	5017	4679	4094	3768	923	911
6541	SEP2021	CCL	1869.31	4452	4261	4210	4001	242	260
6542	SEP2021	CCL	2056.79	4716	4527	4468	4258	248	269
6543	SEP2021	CCL	1689.92	4574	4247	3905	3649	669	598
6544	SEP2021	CCL	2004.3	3578	3316	3591	3297	-13	18
6545	SEP2021	CCL	1705.42	5018	4662	3619	3341	1399	1321
6546	SEP2021	CCL	1514.36	4735	4460	4020	3719	715	741
6547	SEP2021	CCL	2130.55	5118	4818	4350	4041	768	777
6548	SEP2021	CCL	3784.82	4935	4590	4922	4740	13	-150
6549	SEP2021	CCL	1835.4	4194	3836	4469	4148	-275	-312
6550	SEP2021	CCL	2240.4	4920	4576	4847	4572	73	4
6551	SEP2021	CCL	3974.88	3990	3562	4138	3821	-148	-259
6552	SEP2021	NCL	4034.78	4383	3959	3883	3505	500	454
6553	SEP2021	NCL	3872.5	4384	3937	4293	3882	91	55
6554	SEP2021	NCL	981.9	5316	4904	3392	3086	1924	1817

6555	SEP2021	NCL	2842.7	4742	4356	3894	3484	848	872
6556	SEP2021	NCL	3812.35	4173	3820	4053	3650	120	170
6557	SEP2021	NCL	129.7	4675	4251	3035	2738	1640	1513
6558	SEP2021	NCL	4118	4608	4257	2828	2557	1780	1700
6559	SEP2021	NCL	4118	4608	4257	2996	2702	1612	1555
6560	SEP2021	NCL	4118	4499	4018	3981	3618	518	400
6561	SEP2021	NCL	1038.2	4905	4535	4830	4388	75	147
6562	SEP2021	NCL	2912.6	5021	4519	4160	3744	861	775
6563	SEP2021	NCL	139.6	3203	2885	2839	2554	364	331
6564	SEP2021	NCL	3890.8	4721	4255	2973	2674	1748	1582
6565	SEP2021	NCL	2947.4	5158	4755	4643	4209	515	546
6566	SEP2021	NCL	1054.6	3615	3274	2836	2533	779	742
6567	SEP2021	NCL	3976	3583	3250	2780	2495	803	755
6568	SEP2021	NCL	142	4275	3897	3691	3344	584	553
6569	SEP2021	NCL	3987.2	3685	3313	2609	2302	1076	1011
6570	SEP2021	NCL	3987.2	3685	3313	2558	2243	1127	1070
6571	SEP2021	NCL	4020	3344	3079	3286	2997	58	82
6572	SEP2021	NCL	141.05	3262	2901	2384	2134	878	766
6573	SEP2021	NCL	4071.76	5648	5241	4243	3871	1405	1370
6574	SEP2021	NCL	3705.81	3178	2894	2862	2579	316	315
6575	SEP2021	NCL	3705.81	3178	2894	2825	2559	353	335
6576	SEP2021	NCL	1054.1	3394	3094	3305	3011	89	83
6577	SEP2021	NCL	2956.2	5051	4660	5175	4748	-124	-88
6578	SEP2021	NCL	1023.04	4680	4280	3295	2988	1385	1293
6579	SEP2021	NCL	2944.71	3419	3125	4663	4271	-1244	-1146
6580	SEP2021	NCL	3715.72	4487	4008	3138	2819	1349	1190
6581	SEP2021	NCL	3881.3	4616	4241	2688	2413	1928	1828
6582	SEP2021	NCL	142	4057	3655	3936	3522	121	133
6583	SEP2021	NCL	4032.87	3331	2992	2286	2044	1045	947
6584	SEP2021	NCL	4032.9	3331	2992	2592	2317	739	675
6585	SEP2021	NCL	1044.5	4597	4213	3486	3166	1111	1047
6586	SEP2021	NCL	2960	4575	4217	4591	4170	-16	47
6587	SEP2021	NCL	3997.7	3259	2941	2809	2540	450	401
6588	SEP2021	NCL	3831.6	4084	3778	2971	2661	1113	1117
6589	SEP2021	NCL	139.25	3633	3328	4007	3614	-374	-286
6590	SEP2021	NCL	1065	3699	3357	3364	3032	335	325
6591	SEP2021	NCL	3125	4345	3966	3371	3039	974	927
6592	SEP2021	NCL	1019	3659	3340	3180	2869	479	471
6593	SEP2021	NCL	2868.2	4840	4456	3191	2868	1649	1588
6594	SEP2021	NCL	3721.98	5318	5022	4547	4143	771	879
6595	SEP2021	NCL	3672.7	5503	5201	4103	3716	1400	1485
6596	SEP2021	NCL	3555.01	4667	4304	4873	4445	-206	-142
6597	SEP2021	NCL	3462.01	4668	4135	4409	3948	259	187
6598	SEP2021	NCL	3711.43	4669	4597	2626	2355	2043	2243
6599	SEP2021	NCL	3754.51	4722	4205	3444	3105	1278	1100
6600	SEP2021	NCL	3641.31	4692	4261	3975	3577	717	685
6601	SEP2021	NCL	3393.81	4596	4166	3436	3082	1160	1084

6602	SEP2021	NCL	3561.94	4068	3665	3922	3597	146	68
6603	SEP2021	NCL	3437.03	4194	3754	3715	3423	479	332
6604	SEP2021	NCL	3390.01	4528	4067	3684	3383	844	685
6605	SEP2021	NCL	3834.96	5817	5404	4346	4023	1471	1381
6606	SEP2021	NCL	3800.61	4367	3928	3262	2996	1105	932
6607	SEP2021	NCL	3947.8	4304	3871	4015	3736	289	136
6608	SEP2021	NCL	4042.8	5406	4982	4404	4160	1002	822
6609	SEP2021	NCL	3274.24	4571	4108	4027	3770	544	337
6610	SEP2021	NCL	3699.21	4591	4123	4047	3724	544	398
6611	SEP2021	NCL	4118	3121	2875	3847	3574	-726	-698
6612	SEP2021	NCL	4118	3121	2875	3487	3288	-366	-413
6613	SEP2021	NCL	3829.34	4785	4320	3926	3674	859	646
6614	SEP2021	NCL	3948.5	4699	4220	3752	3475	947	745
6615	SEP2021	NCL	3925.2	5257	4946	3577	3293	1680	1653
6616	SEP2021	BCCL	3861.9	5759	5486	3976	3851	1783	1635
6617	SEP2021	ECL	346.8	6004	5623	4461	4156	1543	1467
6618	SEP2021	ECL	3533.3	6005	5604	4693	4387	1312	1217
6619	SEP2021	ECL	3938.88	6110	5787	5463	5119	647	667
6620	SEP2021	ECL	2300.61	5268	5028	5479	5223	-211	-195
6621	SEP2021	ECL	1403.02	5181	5035	5698	5507	-517	-472
6622	SEP2021	ECL	1938	2992	2804	4756	4585	-1764	-1782
6623	SEP2021	ECL	2018.6	3165	2930	4097	3984	-932	-1053
6624	SEP2021	ECL	1766.06	1741	1663	3389	3189	-1648	-1525
6625	SEP2021	ECL	1813.66	1903	1804	3308	3126	-1405	-1321
6626	SEP2021	ECL	1532.51	5613	5363	3974	3682	1639	1681
6627	SEP2021	ECL	2380	5693	5435	3522	3275	2171	2159
6628	SEP2021	ECL	3550.6	6047	5895	5127	4793	920	1102
6629	SEP2021	ECL	480.77	5860	5764	4143	3836	1717	1928
6630	SEP2021	ECL	2625.7	5339	5125	4086	3820	1253	1305
6631	SEP2021	ECL	1410.3	5444	5203	4192	3843	1252	1360
6632	SEP2021	ECL	3940.17	5809	5581	4960	4739	849	842
6633	SEP2021	Pakri Bawadih	3963.9	4667	4410	4529	4182	138	227
6634	SEP2021	Pakri Bawadih	3992.9	3987	3754	3959	3687	28	67
6635	SEP2021	Pakri Bawadih	3975.3	4459	4199	4490	4177	-31	22
6636	OCT2021	CCL	4118	5329	4917	4388	4269	941	648
6637	OCT2021	CCL	4001.6	3795	3342	3987	3636	-192	-295
6638	OCT2021	CCL	3998.9	3800	3353	3842	3452	-42	-98
6639	OCT2021	CCL	4006.7	4026	3547	4171	3877	-145	-330
6640	OCT2021	CCL	3994	4098	3613	3985	3670	113	-57
6641	OCT2021	CCL	4005.8	4032	3647	3964	3651	68	-5
6642	OCT2021	CCL	3990.8	4049	3582	3448	3145	601	437
6643	OCT2021	CCL	3757.51	4442	4255	4163	3864	279	391
6644	OCT2021	CCL	3690.61	4530	4194	4039	3776	491	418
6645	OCT2021	CCL	3753.72	4033	3866	4365	4221	-332	-354
6646	OCT2021	CCL	836.07	3541	3249	3737	3529	-196	-280
6647	OCT2021	CCL	2983.94	4636	4527	4157	3940	479	587
6648	OCT2021	CCL	3674.41	4250	4061	4395	4081	-145	-20

6649	OCT2021	CCL	1160.41	4004	3739	4221	3902	-217	-163
6650	OCT2021	CCL	2477.2	3635	3381	4353	4055	-718	-674
6651	OCT2021	CCL	2224.15	4734	4534	4478	4137	256	396
6652	OCT2021	CCL	1538.66	3922	3645	4097	3774	-175	-129
6653	OCT2021	CCL	3983.4	3953	3607	3639	3333	314	274
6654	OCT2021	CCL	1559.65	4780	4680	4544	4243	236	437
6655	OCT2021	CCL	2113.27	3947	3745	3910	3609	37	136
6656	OCT2021	CCL	1540.36	4771	4598	4029	3760	742	838
6657	OCT2021	CCL	2091.96	3905	3722	3522	3277	383	445
6658	OCT2021	CCL	4022.1	3985	3631	3047	2839	938	792
6659	OCT2021	CCL	3951.4	4008	3535	3820	3506	188	29
6660	OCT2021	CCL	3852	4353	4109	3930	3556	423	552
6661	OCT2021	CCL	1925	4600	4299	3779	3517	821	782
6662	OCT2021	CCL	2103.2	3491	3321	4233	3931	-742	-610
6663	OCT2021	CCL	4099.6	5061	4687	4572	4205	489	482
6664	OCT2021	CCL	3701.31	4908	4719	4208	3954	700	764
6665	OCT2021	CCL	3964.2	3836	3392	4216	3913	-380	-520
6666	OCT2021	CCL	3970.4	3810	3373	3948	3639	-138	-266
6667	OCT2021	CCL	3822.9	4974	4781	4624	4368	350	412
6668	OCT2021	CCL	3626.41	4692	4517	4127	3900	565	617
6669	OCT2021	CCL	1806.9	4982	4753	3816	3567	1166	1186
6670	OCT2021	CCL	1808.61	3931	3699	4085	3805	-154	-106
6671	OCT2021	CCL	3878.6	4929	4623	4865	4388	64	235
6672	OCT2021	CCL	1655.55	3992	3773	3132	2922	860	851
6673	OCT2021	CCL	2164.86	4641	4339	4186	3925	455	414
6674	OCT2021	CCL	3533.75	4138	3998	3690	3458	448	540
6675	OCT2021	CCL	3668.91	3980	3781	4038	3746	-58	36
6676	OCT2021	CCL	3784.41	5277	5143	3389	3158	1888	1985
6677	OCT2021	CCL	3566.41	5368	5196	4845	4581	523	615
6678	OCT2021	CCL	3596.51	4395	4124	4426	4168	-31	-44
6679	OCT2021	CCL	3550.01	4814	4660	4400	4129	414	532
6680	OCT2021	CCL	3613.21	4880	4724	4056	3713	824	1011
6681	OCT2021	CCL	3953.9	4793	4835	4135	3900	658	936
6682	OCT2021	CCL	3619.12	4812	4727	4414	4097	398	630
6683	OCT2021	CCL	3456.43	4252	4095	4289	3987	-37	108
6684	OCT2021	CCL	3668.11	4911	4819	4331	4004	580	815
6685	OCT2021	CCL	3836.81	4346	4251	4136	3848	210	403
6686	OCT2021	CCL	3568.13	4575	4515	4331	4039	244	475
6687	OCT2021	CCL	3471.95	4672	4565	4287	3981	385	584
6688	OCT2021	CCL	3782.11	5034	4859	4446	4157	588	702
6689	OCT2021	CCL	3861.11	4985	4769	4452	4095	533	674
6690	OCT2021	CCL	3579.81	4982	4813	3836	3581	1146	1232
6691	OCT2021	CCL	3675.41	4771	4600	5794	5516	-1023	-916
6692	OCT2021	CCL	2838.36	4108	4015	4418	4157	-310	-142
6693	OCT2021	CCL	823.47	4342	4328	5842	5555	-1500	-1228
6694	OCT2021	CCL	2771.06	4076	4010	4545	4269	-469	-259
6695	OCT2021	CCL	860.96	4414	4299	4104	3852	310	448

6696	OCT2021	NCL	3561.41	4498	4045	4094	3793	404	252
6697	OCT2021	NCL	3445.13	4432	3977	4000	3682	432	295
6698	OCT2021	NCL	4060.4	4078	3773	3726	3437	352	336
6699	OCT2021	NCL	3631.01	4222	3832	3735	3425	487	407
6700	OCT2021	NCL	3612.11	4285	3863	4041	3713	244	150
6701	OCT2021	NCL	3365.83	4386	3951	3473	3171	913	780
6702	OCT2021	NCL	3505.91	4097	3676	2941	2689	1156	987
6703	OCT2021	NCL	3565.31	4085	3648	4043	3688	42	-40
6704	OCT2021	NCL	3496.02	4495	4064	3503	3202	992	863
6705	OCT2021	NCL	3275.73	4626	4187	3682	3358	944	829
6706	OCT2021	NCL	3476.31	4687	4228	3704	3365	983	864
6707	OCT2021	NCL	3487.71	4693	4230	3098	2829	1595	1400
6708	OCT2021	NCL	3503.42	4459	4020	3986	3673	473	347
6709	OCT2021	NCL	3395.24	4468	4013	3221	2929	1247	1084
6710	OCT2021	NCL	3710.45	4117	3675	3748	3470	369	205
6711	OCT2021	NCL	3985.9	3388	3113	3408	3092	-20	21
6712	OCT2021	NCL	677.2	3358	3042	4447	4122	-1089	-1080
6713	OCT2021	NCL	3275.6	5208	4785	4587	4247	621	537
6714	OCT2021	NCL	3439.81	4406	3975	4405	4115	1	-139
6715	OCT2021	NCL	4019.9	3944	3596	3193	2919	751	678
6716	OCT2021	NCL		5455	5016	5562	5193	-107	-177
6717	OCT2021	NCL	3645.11	4239	3839	4054	3786	185	53
6718	OCT2021	NCL	3845.69	3394	3135	3151	2899	243	236
6719	OCT2021	NCL	3452.12	4584	4146	4088	3797	496	349
6720	OCT2021	NCL	3334.03	4447	3999	4306	4020	141	-21
6721	OCT2021	NCL	3823.72	4466	4183	3886	3560	580	623
6722	OCT2021	NCL	3563.81	4358	3912	3718	3432	640	480
6723	OCT2021	NCL	3838.4	4325	4078	4093	3672	232	407
6724	OCT2021	NCL	3452.52	4295	3858	3656	3341	639	517
6725	OCT2021	NCL	3483.32	4364	3930	4320	3953	44	-23
6726	OCT2021	NCL	3485.52	4608	4126	4377	4035	231	91
6727	OCT2021	NCL	3534.82	4922	4442	4107	3799	815	643
6728	OCT2021	NCL	3484.62	4820	4316	4293	3901	527	415
6729	OCT2021	NCL	3507.52	4771	4315	4011	3634	760	681
6730	OCT2021	NCL	4089	4517	4090	3560	3230	957	860
6731	OCT2021	NCL	3053	5721	5307	4403	4113	1318	1194
6732	OCT2021	NCL	1065	4415	4041	4305	4008	110	33
6733	OCT2021	NCL	3506.11	4401	3967	4104	3775	297	192
6734	OCT2021	NCL	3555.92	4335	3895	3959	3686	376	208
6735	OCT2021	NCL	3496.31	4538	4076	4248	3954	290	122
6736	OCT2021	NCL	3339.03	4673	4242	4651	4398	22	-156
6737	OCT2021	NCL	4033.5	4339	3951	4278	4001	61	-50
6738	OCT2021	NCL	3883.9	4415	4003	4840	4565	-425	-562
6739	OCT2021	NCL	4053	3471	3168	4780	4352	-1309	-1184
6740	OCT2021	NCL	3854.8	4617	4139	3847	3606	770	532
6741	OCT2021	NCL	3477.41	4290	3862	2805	2567	1485	1295
6742	OCT2021	NCL	2671.8	5300	4949	5688	5378	-388	-429

6743	OCT2021	NCL	1415.5	4342	3988	5248	4924	-906	-937
6744	OCT2021	NCL	3476.82	4406	3951	4213	3918	193	33
6745	OCT2021	BCCL	3491.21	5701	5451	3847	3632	1854	1819
6746	OCT2021	BCCL	3575.2	4891	4668	5131	4875	-240	-206
6747	OCT2021	ECL	1555.58	5969	5619	3961	3668	2008	1951
6748	OCT2021	ECL	2459.96	5920	5503	4740	4291	1180	1211
6749	OCT2021	ECL	1868.38	5561	5028	3049	2811	2512	2216
6750	OCT2021	ECL	1892.33	5550	4995	4408	4147	1142	848
6751	OCT2021	ECL	4034.07	5497	5234	4765	4509	732	724
6752	OCT2021	Pakri Bawadih	3972.4	4703	4491	4400	4127	303	364
6753	OCT2021	Pakri Bawadih	3893.55	4834	4618	4678	4348	156	270
6754	OCT2021	Pakri Bawadih	3924.4	4448	4203	4224	3937	224	267
6755	OCT2021	Pakri Bawadih	3971.7	4783	4534	5022	4636	-239	-101
6756	OCT2021	Pakri Bawadih	3880.26	4739	4467	4383	4099	356	368
6757	OCT2021	Pakri Bawadih	3973.3	4532	4320	4955	4640	-423	-320
6758	OCT2021	Pakri Bawadih	3991.3	5263	4908	4847	4534	416	374
6759	NOV2021	NCL	4008.26	4648	4200	3549	3238	1099	962
6760	NOV2021	NCL	3973.8	3098	2823	3168	2934	-70	-111
6761	NOV2021	NCL	1111.98	4722	4417	3268	3027	1454	1390
6762	NOV2021	NCL	2605.37	3319	2990	3043	2818	276	171
6763	NOV2021	NCL	4108	3304	3020	3179	2945	125	75
6764	NOV2021	NCL	3700.06	4531	4076	3434	3136	1097	940
6765	NOV2021	NCL	3933.48	3691	3353	2879	2644	812	709
6766	NOV2021	NCL	3513.01	4589	4152	4233	3953	356	199
6767	NOV2021	NCL	3989.9	3231	2949	3402	3117	-171	-167
6768	NOV2021	NCL	4117.1	4371	3963	5078	4783	-707	-820
6769	NOV2021	NCL	3997.3	4200	3770	3714	3431	486	339
6770	NOV2021	NCL	3882.1	4371	3920	4961	4641	-590	-721
6771	NOV2021	NCL	4079.2	3527	3234	4139	3848	-612	-614
6772	NOV2021	NCL	3949.3	4354	3954	3350	3063	1004	892
6773	NOV2021	NCL	3523.03	4722	4284	3718	3424	1004	859
6774	NOV2021	NCL	3492.22	4696	4234	3229	2929	1467	1305
6775	NOV2021	NCL	3997.1	3559	3232	3968	3655	-409	-423
6776	NOV2021	NCL	3890.69	4495	4071	3459	3069	1036	1002
6777	NOV2021	NCL	4118	3741	3366	3362	3090	379	276
6778	NOV2021	NCL	3917.2	4103	3705	3845	3564	258	141
6779	NOV2021	NCL	3810.9	4773	4333	3932	3644	841	688
6780	NOV2021	NCL	3996.44	3993	3621	3853	3532	140	90
6781	NOV2021	NCL	3993.7	3974	3630	3582	3288	392	342
6782	NOV2021	NCL	3344.02	4166	3771	4040	3700	126	71
6783	NOV2021	NCL	3540.81	4782	4344	3310	3025	1472	1318
6784	NOV2021	NCL	3960.3	4569	4167	3653	3407	916	760
6785	NOV2021	NCL	3987.9	4534	4151	3918	3604	616	546
6786	NOV2021	NCL	3934.3	4441	4021	3765	3445	676	577
6787	NOV2021	NCL	4081	3967	3611	4273	3934	-306	-323
6788	NOV2021	NCL	3989.6	4429	4077	3646	3432	783	645
6789	NOV2021	NCL	3708.04	4343	4011	3896	3658	447	354

6790	NOV2021	NCL	3625.73	4515	4059	3992	3696	523	364
6791	NOV2021	NCL	2934.7	4684	4234	4435	4080	249	154
6792	NOV2021	NCL	944.85	4254	3829	4146	3849	108	-20
6793	NOV2021	NCL	4118	4127	3787	4027	3697	100	90
6794	NOV2021	NCL	4117.5	3904	3551	3659	3415	245	137
6795	NOV2021	NCL	3009.2	5500	5102	4198	3929	1302	1173
6796	NOV2021	NCL	1036.8	4491	4049	4402	4057	89	-8
6797	NOV2021	NCL	4005.56	4317	3944	3945	3626	372	318
6798	NOV2021	NCL	3540.02	4641	4208	4015	3716	626	492
6799	NOV2021	NCL	4044.95	3931	3562	4006	3701	-75	-139
6800	NOV2021	NCL	3465.82	4710	4312	3939	3620	771	692
6801	NOV2021	NCL	3832.61	3968	3647	3956	3680	12	-33
6802	NOV2021	NCL	4045.49	4097	3759	4015	3706	82	53
6803	NOV2021	NCL	4021.5	4409	4086	3883	3603	526	483
6804	NOV2021	NCL	3950.28	3866	3538	3837	3557	29	-19
6805	NOV2021	NCL	3898.5	4442	4093	4243	3929	199	164
6806	NOV2021	NCL	3977.33	3842	3440	4049	3740	-207	-300
6807	NOV2021	BCCL	4020.2	5180	5065	5488	5270	-308	-205
6808	NOV2021	BCCL		5710	5583	5654	5441	56	142
6809	NOV2021	Pakri Bawadih	3995.7	4309	4135	5038	4703	-729	-568
6810	DEC2021	CCL	3793.24	4938	5426	3921	3578	1017	1848
6811	DEC2021	CCL	3850.2	4136	3799	4361	4148	-225	-349
6812	DEC2021	NCL	3612.62	4715	4331	3441	3098	1274	1233
6813	DEC2021	NCL	3484.32	4842	4412	3876	3514	966	898
6814	DEC2021	NCL	4118	4313	3911	4065	3751	248	160
6815	DEC2021	NCL	320.6	4385	4003	4319	3911	66	92
6816	DEC2021	NCL	3633.3	5197	4740	3573	3241	1624	1499
6817	DEC2021	NCL	4116.9	4352	3986	3757	3480	595	506
6818	DEC2021	NCL	3916.4	3921	3564	4061	3704	-140	-140
6819	DEC2021	NCL	3987.1	4188	3854	3808	3515	380	338
6820	DEC2021	NCL	2918.09	3107	2857	3323	3132	-216	-275
6821	DEC2021	NCL	1129	4855	4495	2850	2612	2005	1884
6822	DEC2021	NCL	4046.4	4254	3919	3671	3403	583	516
6823	DEC2021	NCL	3995.52	4343	3955	4110	3795	233	160
6824	DEC2021	NCL	4024.1	4460	4105	4269	4028	191	77
6825	DEC2021	NCL	3746.71	4443	4010	4207	3835	236	175
6826	DEC2021	NCL	3907.35	4232	3884	4066	3761	166	123
6827	DEC2021	NCL	355	5529	5469	3998	3629	1531	1841
6828	DEC2021	NCL	3706.1	5543	5411	5504	5049	39	362
6829	DEC2021	NCL	3790.4	4613	4169	4287	3856	326	313
6830	DEC2021	NCL	3880.53	4328	3959	4072	3751	256	208
6831	DEC2021	NCL	3985.65	4212	3855	4322	3993	-110	-138
6832	DEC2021	BCCL	3648.72	5763	5599	3616	3411	2147	2188
6833	DEC2021	BCCL	3648.7	4422	4310	4110	3910	312	401
6834	DEC2021	BCCL	3734.45	5158	4970	3376	3249	1782	1721
6835	DEC2021	BCCL	3734.5	4337	4241	3269	3163	1068	1078
6836	DEC2021	BCCL	3385.5	5374	5242	4205	4051	1169	1191

6837	DEC2021	BCCL	3385.5	4630	4592	3537	3397	1093	1196
6838	DEC2021	BCCL	4037.2	4789	4653	4825	4693	-36	-39
6839	DEC2021	BCCL	3824.88	5437	5293	3671	3552	1766	1741
6840	DEC2021	BCCL		4436	4323	2885	2774	1551	1549
6841	JAN2022	CCL	3865.2	4295	3870	4519	4221	-224	-351
6842	JAN2022	CCL	3984.8	3940	3591	3558	3231	382	360
6843	JAN2022	CCL	3979.02	3952	3594	3792	3404	160	190
6844	JAN2022	NCL	3948.3	4718	4306	5316	4951	-598	-645
6845	JAN2022	NCL	3988.05	4546	4132	4187	3881	359	251
6846	JAN2022	NCL	345.24	4847	4397	5069	4765	-222	-368
6847	JAN2022	NCL	3607.67	5166	4724	5324	5033	-158	-309
6848	JAN2022	NCL	3870.6	4382	4032	4021	3731	361	301
6849	JAN2022	NCL	322.04	4535	4137	4958	4603	-423	-466
6850	JAN2022	NCL	3570.52	5421	5120	3980	3682	1441	1438
6851	JAN2022	NCL	3707.17	4848	4427	5050	4674	-202	-246
6852	JAN2022	NCL	342.35	4243	3843	4939	4601	-696	-758
6853	JAN2022	NCL	3429.03	4713	4268	3989	3600	724	667
6854	JAN2022	NCL	3656.51	4821	4413	5062	4626	-241	-214
6855	JAN2022	NCL	322.58	4911	4520	3892	3596	1019	925
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6857	JAN2022	NCL	314.21	4306	3966	2668	2446	1638	1520
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6859	JAN2022	NCL	348.44	4167	3859	2440	2211	1727	1647
6860	JAN2022	NCL	3781.3	4342	3979	2892	2644	1450	1334
6861	JAN2022	NCL	3821.52	4355	4016	3355	3084	1000	931
6862	JAN2022	NCL	3979.2	4281	3950	4370	4123	-89	-173
6863	JAN2022	NCL	4065.68	4311	3996	4142	3878	169	119
6864	JAN2022	NCL	4047	3953	3609	3958	3647	-5	-38
6865	JAN2022	NCL	4047.95	4502	4149	4374	4082	128	66
6866	JAN2022	NCL	4048	4489	4136	3969	3671	520	465
6867	JAN2022	NCL	4058.8	4541	4169	3647	3353	894	816
6868	JAN2022	NCL	3864.98	4271	3885	3778	3460	493	425
6869	JAN2022	NCL	3914.17	4451	4097	3772	3451	679	645
6870	JAN2022	NCL	4047.46	3846	3500	3888	3552	-42	-52
6871	JAN2022	NCL	4055.5	4834	4394	4458	4075	376	318
6872	JAN2022	NCL	3870.79	4349	3947	3920	3599	429	348
6873	JAN2022	NCL	3740.97	4112	3771	4646	4304	-534	-534
6874	JAN2022	NCL	3704.3	4089	3660	4031	3720	58	-60
6875	JAN2022	NCL	4004	4278	3843	3819	3524	459	319
6876	JAN2022	NCL	3879.21	4304	3932	4181	3879	123	53
6877	JAN2022	NCL	4075.34	4250	3850	3834	3562	416	288
6878	JAN2022	NCL	3955.7	4344	3992	3753	3498	591	494
6879	JAN2022	NCL	3977.5	4012	3645	3344	3083	668	562
6880	JAN2022	NCL	4042.4	4785	4348	3710	3443	1075	905
6881	JAN2022	NCL	4032.92	5065	4656	3719	3443	1346	1213
6882	JAN2022	NCL	4182	4561	4167	3800	3466	761	701
6883	JAN2022	NCL	3670.67	4356	3940	2885	2612	1471	1328

6884	JAN2022	NCL	3836.62	5533	5116	4431	4099	1102	1017
6885	JAN2022	NCL	703.8	5627	5208	4046	3755	1581	1454
6886	JAN2022	NCL	3168.3	5520	5091	4745	4363	775	728
6887	JAN2022	NCL	3889.93	4308	3940	3408	3125	900	815
6888	JAN2022	NCL	4085.38	5760	5361	3552	3286	2208	2075
6889	JAN2022	BCCL	3749.09	4730	4524	3926	3719	804	805
6890	FEB2022	CCL	1669.4	5627	5239	4745	4484	882	755
6891	FEB2022	CCL	1101	4443	4294	3817	3557	626	737
6892	FEB2022	CCL	1357.2	4043	3783	4395	4072	-352	-289
6893	FEB2022	CCL	4031.6	4279	4053	4218	3969	61	84
6894	FEB2022	CCL	869	4737	4711	3910	3699	827	1013
6895	FEB2022	CCL	1173.6	4161	4098	4291	4121	-130	-23
6896	FEB2022	CCL	1895.2	3903	3820	4097	3885	-194	-66
6897	FEB2022	CCL	866.2	4408	4355	4132	3842	276	512
6898	FEB2022	CCL	1149.2	3870	3795	3990	3780	-120	15
6899	FEB2022	CCL	1841.1	3657	3539	4961	4496	-1304	-957
6900	FEB2022	NCL	4059.41	5235	4794	3397	3083	1838	1711
6901	FEB2022	NCL	4118	4961	4532	3617	3324	1344	1208
6902	FEB2022	NCL	3975.9	4768	4356	4250	3887	518	469
6903	FEB2022	NCL	4123.51	4922	4517	3335	3026	1587	1491
6904	FEB2022	NCL	3912.48	4758	4318	4311	3972	447	346
6905	FEB2022	NCL	4087.54	4131	3783	3477	3180	654	603
6906	FEB2022	NCL	3882.9	4684	4242	4011	3617	673	625
6907	FEB2022	NCL	3932	4047	3698	3887	3431	160	266
6908	FEB2022	NCL	3929.8	4541	4106	4070	3763	471	344
6909	FEB2022	NCL	4015.6	4886	4469	4169	3837	717	632
6910	FEB2022	NCL	4055.3	4837	4461	4139	3691	698	771
6911	FEB2022	NCL	4258.6	4391	3965	3654	3373	737	591
6912	FEB2022	NCL	4111	5019	4537	3537	3232	1482	1305
6913	FEB2022	NCL	4074	5008	4492	3667	3370	1341	1122
6914	FEB2022	NCL	3994.86	3915	3569	3075	2811	840	758
6915	FEB2022	NCL	3990.9	5091	4691	3298	2968	1793	1723
6916	FEB2022	NCL	4020.1	4730	4326	5565	5191	-835	-865
6917	FEB2022	NCL	3500.14	4694	4304	4277	3890	417	414
6918	FEB2022	NCL	3578.63	4734	4359	4044	3698	690	660
6919	FEB2022	NCL	3399.76	4483	4115	4124	3743	359	372
6920	FEB2022	NCL	3940.79	4128	3772	3225	2945	903	827
6921	FEB2022	NCL	4118	4533	4133	4257	3860	276	274
6922	FEB2022	NCL	660.84	3956	3646	5137	4743	-1181	-1097
6923	FEB2022	NCL	3248.73	5688	5302	5126	4737	562	565
6924	FEB2022	NCL	3858.41	3545	3224	3083	2846	462	379
6925	FEB2022	NCL	666.31	4055	3730	3197	2945	858	785
6926	FEB2022	NCL	3936.1	4940	4558	5071	4769	-131	-211
6927	FEB2022	NCL	3931.05	3642	3309	3429	3165	213	144
6928	FEB2022	NCL	4057	3637	3296	3039	2809	598	488
6929	FEB2022	NCL	4122.6	4363	3990	5089	4625	-726	-635
6930	FEB2022	NCL	3896.74	4812	4390	5546	5115	-734	-726

6931	FEB2022	NCL	3797.04	4703	4259	4711	4248	-8	12
6932	FEB2022	NCL	710	3740	3400	3461	3158	279	242
6933	FEB2022	NCL	3384.2	5332	4911	4820	4406	512	505
6934	FEB2022	NCL	3958.19	3400	3066	5591	4885	-2191	-1819
6935	FEB2022	NCL	2814.6	3699	3359	3836	3551	-137	-192
6936	FEB2022	NCL	1204	4858	4451	3625	3334	1233	1118
6937	FEB2022	NCL	4001.7	3529	3173	3573	3275	-44	-102
6938	FEB2022	BCCL	3616.84	5226	5146	5606	5357	-380	-210
6939	FEB2022	BCCL	3616.8	5227	5095	4930	4710	297	385
6940	FEB2022	BCCL	1560.4	2766	2668	5647	5458	-2881	-2790
6941	FEB2022	BCCL	1047.6	5476	5172	3410	3316	2066	1855
6942	FEB2022	BCCL	1047.6	4301	4014	3410	3316	891	698
6943	FEB2022	BCCL	4089.6	5311	5225	5223	5128	88	97
6944	FEB2022	BCCL	4089.6	5614	5512	5207	5138	407	374
6945	FEB2022	BCCL	4064	5626	5518	4927	4752	699	766
6946	FEB2022	BCCL	3975.1	5550	5359	5126	5007	424	352
6947	FEB2022	BCCL	4008.8	5270	5110	3502	3396	1768	1714
6948	FEB2022	BCCL	3926.87	4511	4347	4928	4779	-417	-432
6949	FEB2022	BCCL	3926.9	5374	5179	4897	4714	477	465
6950	FEB2022	BCCL	1100	5666	5425	4348	4233	1318	1192
6951	FEB2022	BCCL	3800.41	5600	5385	3871	3750	1729	1635
6952	FEB2022	BCCL	3800.4	4124	4020	3968	3836	156	184
6953	FEB2022	BCCL	3800.4	3038	2998	3979	4030	-941	-1032
6954	FEB2022	BCCL	4018	5423	5231	5521	5370	-98	-139
6955	FEB2022	ECL	1651.8	6205	5740	5189	4879	1016	861
6956	FEB2022	ECL	1979.6	6222	5768	4449	4133	1773	1635
6957	FEB2022	ECL	3658.95	5717	5545	5347	4963	370	582
6958	FEB2022	ECL	305.61	3090	2916	4961	4596	-1871	-1679
6959	FEB2022	ECL	3211.17	5631	5063	3557	3299	2074	1764
6960	FEB2022	ECL	347.35	3014	2734	3031	2817	-17	-83
6961	FEB2022	ECL	1141.8	4724	4274	5339	5017	-615	-744
6962	FEB2022	ECL	549.8	3951	3685	2288	2125	1663	1560
6963	FEB2022	ECL	479.8	4284	3928	2931	2723	1353	1205
6964	FEB2022	ECL	1786.8	5027	4557	4409	4072	618	485
6965	FEB2022	ECL	3909.41	6428	6162	4598	4376	1830	1786
6966	FEB2022	ECL	3605.51	6406	6238	4295	3900	2111	2338
6967	FEB2022	ECL	3938.48	5951	5661	4394	4205	1557	1456
6968	FEB2022	ECL	4036.5	6002	5658	5558	5335	444	322
6969	FEB2022	ECL	3957.3	6424	6248	5114	4876	1310	1372
6970	FEB2022	ECL	3553.46	6373	6082	3395	3174	2978	2908
6971	FEB2022	ECL	503.2	6367	6110	4075	3868	2292	2241
6972	FEB2022	ECL	772	4522	4066	2515	2355	2007	1710
6973	FEB2022	ECL	2198.9	4411	3891	4956	4686	-545	-795
6974	FEB2022	ECL	524.14	4707	4244	3054	2888	1653	1355
6975	FEB2022	ECL	343.74	6079	5523	3746	3591	2333	1932
6976	FEB2022	ECL	3894.86	5992	5632	5483	5171	509	460
6977	FEB2022	ECL	2186.1	3490	3344	3804	3750	-314	-405

6978	FEB2022	ECL	1682.97	3514	3364	3217	3155	297	209
6979	FEB2022	ECL	4157.11	6079	5691	5059	4659	1020	1032
6980	FEB2022	ECL	1547.2	4275	4023	2428	2208	1847	1815
6981	FEB2022	ECL	2421.5	5046	4770	2338	2139	2708	2631
6982	FEB2022	ECL	252.4	6174	5952	4129	3846	2045	2105
6983	FEB2022	ECL	2843.9	4826	4485	4584	4293	242	192
6984	FEB2022	ECL	811.66	6173	5916	3417	3198	2756	2719
6985	FEB2022	ECL	2708.3	4106	3910	3152	2915	954	995
6986	FEB2022	ECL	942	3191	2974	5375	5033	-2184	-2059
6987	FEB2022	ECL	1863.65	3551	3456	4603	4379	-1052	-923
6988	FEB2022	ECL	1787.9	2950	2860	3387	3231	-437	-372
6989	FEB2022	ECL	2136.9	3052	2853	2281	2073	771	780
6990	FEB2022	ECL	1904.94	2903	2706	4636	4377	-1733	-1671
6991	FEB2022	ECL	3868.73	2741	2624	2948	2751	-207	-127
6992	FEB2022	Pakri Bawadih	3977	4507	4207	4492	4206	15	1
6993	FEB2022	Pakri Bawadih	3963.6	4533	4139	4802	4458	-269	-319
6994	FEB2022	Pakri Bawadih	3834.44	4151	3962	4559	4265	-408	-303
6995	MAR2022	NCL	4124.2	3270	2953	3604	3330	-334	-377
6996	MAR2022	NCL	4063.78	4887	4445	3879	3595	1008	850
6997	MAR2022	NCL	3720.6	4452	4191	3822	3476	630	715
6998	MAR2022	NCL	3901.6	3423	3111	3515	3252	-92	-141
6999	MAR2022	NCL	3005.22	4455	4217	4597	4242	-142	-25
7000	MAR2022	NCL	2687	3910	3535	3353	3106	557	430
7001	MAR2022	NCL	1330.8	4888	4424	2211	2002	2677	2421
7002	MAR2022	NCL	3204.97	4760	4272	3737	3399	1023	873
7003	MAR2022	NCL	3692.01	4499	4137	4700	4295	-201	-158
7004	MAR2022	NCL	3962.2	4453	4155	3456	3130	997	1025
7005	MAR2022	NCL	4111.3	3400	3055	3725	3417	-325	-362
7006	MAR2022	NCL	3787.2	4791	4265	3832	3472	959	793
7007	MAR2022	NCL	3298.55	4508	4059	3189	2894	1319	1166
7008	MAR2022	NCL	4074.08	3387	3044	4026	3694	-639	-650
7009	MAR2022	NCL	3886.79	4728	4204	4154	3784	574	420
7010	MAR2022	NCL	3575.92	4782	4294	4375	4086	407	208
7011	MAR2022	NCL	3891.75	4441	3972	3559	3243	882	729
7012	MAR2022	NCL	3959.42	4385	3904	4066	3692	319	213
7013	MAR2022	NCL	4046.4	4529	4047	2946	2632	1583	1415
7014	MAR2022	NCL	3485.83	4682	4216	3143	2842	1539	1374
7015	MAR2022	NCL	3631.62	4725	4226	3901	3566	824	660
7016	MAR2022	NCL	3676.81	4431	3937	3662	3329	769	607
7017	MAR2022	NCL	3995.4	4659	4232	2881	2623	1778	1609
7018	MAR2022	NCL	3643.31	4643	4214	3666	3352	977	862
7019	MAR2022	NCL	3893.3	3936	3519	3886	3542	50	-23
7020	MAR2022	NCL	4118	4488	4069	3947	3592	541	476
7021	MAR2022	NCL	3841.54	4734	4334	3970	3625	764	709
7022	MAR2022	BCCL	3658.36	3592	3541	4432	4284	-840	-743
7023	MAR2022	BCCL	3658.4	5263	5071	4174	4051	1089	1020
7024	MAR2022	BCCL	3725.39	5270	5089	4121	4021	1149	1068

7025	MAR2022	BCCL	3725.4	5410	5258	5119	4979	291	278
7026	MAR2022	BCCL	3873.1	5283	4990	4212	4122	1071	868
7027	MAR2022	BCCL	3883.56	5748	5573	4615	4433	1133	1140
7028	MAR2022	BCCL	2743.27	4936	4841	3868	3735	1068	1107
7029	MAR2022	BCCL	3768.4	4511	4411	4253	4320	258	91
7030	MAR2022	BCCL	3768.4	3606	3526	4459	4324	-853	-798
7031	MAR2022	BCCL	964.4	5857	5685	3642	3557	2215	2128
7032	MAR2022	BCCL	2619.01	5609	5558	4964	4888	645	670
7033	MAR2022	Pakri Bawadiah	3821	4035	3819	5081	4733	-1046	-914
7034	MAR2022	Pakri Bawadiah	3889.64	4802	4599	4853	4489	-51	111
7035	MAR2022	Pakri Bawadiah	3913	4205	3954	4867	4496	-662	-543
7036	MAR2022	Pakri Bawadiah	4024.4	4182	3987	4320	3961	-138	26
7037	MAR2022	Pakri Bawadiah	3955.6	4191	3972	4887	4510	-696	-538
7038	MAR2022	Pakri Bawadiah	3965.6	4517	4321	5002	4596	-485	-275
7039	MAR2022	Pakri Bawadiah	3824.8	4459	4275	4364	4023	95	252
7040	MAR2022	Pakri Bawadiah	4018.8	4411	4168	4658	4313	-247	-146
7041	MAR2022	Pakri Bawadiah	4020.2	4110	3965	4902	4520	-792	-554
7042	MAR2022	Pakri Bawadiah	3903.8	3698	3602	4995	4597	-1297	-994
7043	MAR2022	Pakri Bawadiah	4011.4	4195	3940	4251	4071	-56	-132
7044	MAR2022	Pakri Bawadiah	3983.6	3954	3708	3609	3433	345	275
7045	MAR2022	Pakri Bawadiah	3903	4316	4068	4921	4574	-605	-506
7046	MAR2022	Pakri Bawadiah	3852.8	4590	4364	4850	4518	-260	-154
7047	MAR2022	Pakri Bawadiah	3805.2	4348	4081	4783	4457	-435	-376
7048	MAR2022	Pakri Bawadiah	3847.2	4292	4020	4602	4301	-310	-281
7049	MAR2022	Pakri Bawadiah	4085.8	3817	3673	4676	4357	-859	-684

**DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS
DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END**

Name of Generating Station: MOUDA SUPER THERMAL POWER STATION

Name of Company: NTPC LTD

Sampling methodology adopted for station : As per Bilateral and Tripartite Agreement & FSA -Schedule V

Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement :

Annual Contracted Quantity (as per FSA 8.92 MMT

Mode of transport Rail

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Apr'17	SCCL	G8-G13	91481	4293	4114	3861	3547	432	253
2	Apr'17	SECL	G10-G12	128182	4055	3731	3722	3426	332	9
3	Apr'17	WCL	G8-G11	75798	3970	3672	3717	3390	253	-46
4	May'17	CCL	G8-G12	70543	4194	4058	4270	4125	-77	-212
5	May'17	SCCL	G8-G13	64200	4527	4301	3768	3435	758	533
6	May'17	SECL	G10-G12	76444	3902	3665	3913	3678	-11	-248
7	May'17	WCL	G8-G11	167901	3767	3491	3714	3421	52	-224
8	Jun'17	SCCL	G8-G13	105935	4065	3826	3910	3613	155	-84
9	Jun'17	SECL	G10-G12	57843	3559	3332	3706	3484	-146	-374
10	Jun'17	WCL	G8-G11	181155	3509	3241	3497	3218	12	-256
11	Jul'17	CCL	G8-G12	10949	5182	5019	4510	4348	672	509
12	Jul'17	SCCL	G8-G13	7115	4833	4303	3828	3173	1005	475
13	Jul'17	SECL	G10-G12	22017	2855	2588	3079	2810	-224	-492
14	Jul'17	WCL	G8-G11	260500	3590	3258	3505	3175	86	-247
15	Aug'17	CCL	G8-G12	8993	3992	3715	4073	3769	-81	-358
16	Aug'17	SCCL	G8-G13	37480	4177	3776	4192	3853	-15	-416
17	Aug'17	SECL	G10-G12	34373	3292	3037	3211	2965	81	-173
18	Aug'17	WCL	G8-G11	209556	3668	3300	3540	3203	128	-240
19	Sep'17	NCL	G10-G12	18772	4310	3930	4122	3633	188	-193
20	Sep'17	SCCL	G8-G13	3686	3987	3605	3921	3510	66	-316
21	Sep'17	SECL	G10-G12	77675	3798	3550	3808	3540	-10	-257
22	Sep'17	WCL	G8-G11	187308	3517	3123	3461	3115	56	-338
23	Oct'17	NCL	G10-G12	85630	4385	3990	4148	3779	237	-158
24	Oct'17	SECL	G10-G12	110184	4138	3831	4215	3933	-77	-384
25	Oct'17	WCL	G8-G11	189605	3945	3598	3677	3369	269	-78
26	Nov'17	MCL	G13-G15	102374	3453	3240	3476	3237	-23	-236

27	Nov'17	NCL	G10-G12	111551	4115	3757	3785	3461	330	-28
28	Nov'17	SECL	G10-G12	77112	3554	3325	3643	3429	-89	-319
29	Nov'17	WCL	G8-G11	183987	3902	3546	3501	3192	401	45
30	Dec'17	CCL	G8-G12	80150	4304	4200	4225	4031	78	-25
31	Dec'17	MCL	G13-G15	161433	3452	3211	3341	3093	111	-130
32	Dec'17	NCL	G10-G12	94640	4007	3792	3684	3368	323	108
33	Dec'17	SECL	G10-G12	68092	2905	2735	3054	2915	-149	-319
34	Dec'17	WCL	G8-G11	120898	3954	3658	3389	3144	565	269
35	Jan'18	CCL	G8-G12	28768	4447	4188	4350	4138	98	-162
36	Jan'18	MCL	G13-G15	236729	3641	3399	3377	3129	263	21
37	Jan'18	SECL	G10-G12	82200	3299	3091	3414	3232	-115	-322
38	Jan'18	WCL	G8-G11	186515	3605	3284	3414	3128	191	-129
39	Feb'18	BCCL	G7-G14	29740	4911	4886	4374	4246	537	512
40	Feb'18	MCL	G13-G15	185022	3723	3441	3591	3269	132	-149
41	Feb'18	SCCL	G8-G13	48229	3819	3557	3334	3127	485	223
42	Feb'18	SECL	G10-G12	70173	3877	3640	3829	3605	49	-188
43	Feb'18	WCL	G8-G11	124076	3903	3552	3556	3288	347	-4
44	Mar'18	MCL	G13-G15	150314	3721	3470	3620	3355	101	-150
45	Mar'18	NCL	G10-G12	144744	3848	3580	4360	3923	-512	-780
46	Mar'18	SCCL	G8-G13	261559	3979	3761	3661	3408	318	101
47	Mar'18	SECL	G10-G12	72287	3600	3381	3893	3680	-292	-512
48	Mar'18	WCL	G8-G11	89416	3692	3324	3701	3374	-9	-377
49	Apr-18	MCL	G13-G15	134218	3620	3393	3516	3237	104	-123
50	Apr-18	SCCL	G8-G13	258641	4150	3946	3763	3467	387	183
51	Apr-18	SECL	G10-G12	114126	4083	3799	4233	3928	-150	-434
52	Apr-18	WCL	G8-G11	74375	4153	3793	3785	3457	368	8
53	May-18	ECL	G6-G13	30142	5114	4956	3429	3318	1685	1527
54	May-18	MCL	G13-G15	181201	3641	3390	3495	3239	146	-105
55	May-18	SCCL	G8-G13	71095	4444	4198	3965	3685	479	233
56	May-18	SECL	G10-G12	52958	4209	3991	4077	3859	133	-86
57	May-18	WCL	G8-G11	125528	4075	3773	3654	3377	420	118
58	May-18	WCL MS	G8-G11	55238	3279	2970	3179	2834	101	-209
59	Jun-18	ECL	G6-G13	68323	5493	5274	3867	3692	1626	1407
60	Jun-18	MCL	G13-G15	196613	3683	3454	3821	3520	-138	-368
61	Jun-18	SCCL	G8-G13	98073	4341	4100	4045	3745	295	55
62	Jun-18	SECL	G10-G12	103417	4011	3701	4077	3775	-66	-376
63	Jun-18	WCL	G8-G11	118958	4091	3779	3540	3210	551	239
64	Jun-18	WCL MS	G8-G11	10345	3947	3570	3681	3368	267	-111
65	Jul-23	NTPC PAKRI	G10	3894	4740	NA	4805	4388	-65	-
66	Jul-18	BCCL	G7-G14	14136	5004	4914	4213	3762	791	701
67	Jul-18	CCL	G8-G12	45436	4440	3949	3899	3675	541	50

68	Jul-18	MCL	G13-G15	199174	3566	3301	3555	3264	11	-254
69	Jul-18	SCCL	G8-G13	218734	4673	4004	4386	4025	287	-383
70	Jul-18	SECL	G10-G12	72239	3872	3551	3799	3456	73	-248
71	Jul-18	WCL	G8-G11	64553	4169	3754	3380	3023	790	375
72	Aug-18	BCCL	G7-G14	115990	5620	5490	4711	4413	909	779
73	Aug-18	MCL	G13-G15	224240	3486	3206	3440	3156	47	-234
74	Aug-18	SCCL	G8-G13	120277	4608	4285	4156	3886	453	130
75	Aug-18	SECL	G10-G12	38763	4107	3774	3836	3536	271	-62
76	Aug-18	WCL	G8-G11	80569	4282	3754	3028	2764	1254	726
77	Aug-18	WCL MS	G8-G11	3895	2885	2456	3324	2917	-439	-868
78	Sep-18	BCCL	G7-G14	222191	5563	5427	4823	4614	740	604
79	Sep-18	MCL	G13-G15	153249	3577	3325	3529	3211	48	-204
80	Sep-18	SCCL	G8-G13	98940	4760	4482	3879	3664	881	603
81	Sep-18	SECL	G10-G12	39116	4540	4158	4714	4371	-174	-556
82	Sep-18	WCL	G8-G11	42783	4368	4085	3793	3415	575	292
83	Sep-18	WCL MS	G8-G11	23536	3476	3063	3166	2821	310	-103
84	Oct-18	BCCL	G7-G14	92130	5394	5274	4422	4287	972	852
85	Oct-18	MCL	G13-G15	211503	3510	3264	3381	3112	129	-116
86	Oct-18	SCCL	G8-G13	64918	4877	4596	4561	4358	316	35
87	Oct-18	SECL	G10-G12	69571	4951	4590	4801	4531	150	-212
88	Oct-18	WCL	G8-G11	118067	4007	3734	3412	3159	594	322
89	Oct-18	WCL MS	G8-G11	7691	4002	3530	4005	3569	-3	-475
90	Nov-18	BCCL	G7-G14	99476	5751	5737	4299	4193	1451	1438
91	Nov-18	MCL	G13-G15	164977	3412	3176	3545	3285	-133	-369
92	Nov-18	SCCL	G8-G13	70304	4756	4439	4433	4221	323	6
93	Nov-18	SECL	G10-G12	49856	4512	4180	4696	4388	-184	-516
94	Nov-18	WCL	G8-G11	86543	3942	3690	3250	3036	692	439
95	Nov-18	WCL MS	G8-G11	39048	3892	3443	4290	3848	-398	-847
96	Dec-18	BCCL	G7-G14	60786	5339	5295	4453	4326	886	841
97	Dec-18	MCL	G13-G15	172300	3501	3295	3554	3259	-53	-259
98	Dec-18	SCCL	G8-G13	131041	4442	4200	4167	3936	276	34
99	Dec-18	WCL	G8-G11	86459	4293	4060	3575	3327	719	485
100	Dec-18	WCL MS	G8-G11	95038	3947	3487	4050	3612	-103	-563
101	Jan-19	MCL	G13-G15	100921	3930	3712	3868	3592	62	-155
102	Jan-19	NCL	G10-G12	142248	4570	4172	4627	4171	-57	-455
103	Jan-19	SCCL	G8-G13	58381	4107	3926	4240	3997	-134	-315
104	Jan-19	WCL	G8-G11	117372	3874	3622	3416	3147	458	207
105	Jan-19	WCL MS	G8-G11	91962	3790	3408	3947	3574	-157	-539
106	Feb-19	MCL	G13-G15	67609	3626	3399	3733	3457	-107	-335
107	Feb-19	NCL	G10-G12	191216	5258	4813	3901	3506	1358	912
108	Feb-19	SCCL	G8-G13	132944	3798	3595	3636	3454	161	-42

109	Feb-19	WCL	G8-G11	135524	3837	3648	3687	3341	150	-39
110	Feb-19	WCL MS	G8-G11	22995	3882	3517	3186	2825	696	331
111	Mar-19	NCL	G10-G12	286899	5043	4575	3689	3341	1353	885
112	Mar-19	SCCL	G8-G13	148127	3851	3637	3702	3519	148	-65
113	Mar-19	WCL	G8-G11	126907	4154	3890	3821	3485	333	69
114	Mar-19	WCL MS	G8-G11	73727	3957	3581	3910	3498	47	-329
115	Apr-19	MCL	G13-G15	14894	3455	3229	2903	2705	552	326
116	Apr-19	NCL	G10-G12	272206	4834	4396	3781	3426	1053	615
117	Apr-19	NTPC PB	G9	23717	4725	4479	4542	4257	183	-62
118	Apr-19	SCCL	G8-G13	3951	3820	3666	3664	3533	156	2
119	Apr-19	SCCL	G8-G13	151663	4144	3857	3933	3692	211	-75
120	Apr-19	SECL	G10-G12	7473	4999	4712	5025	4746	-26	-313
121	Apr-19	WCL	G8-G11	34711	4082	3694	3831	3423	250	-138
122	Apr-19	WCL	G8-G11	58210	3957	3581	4043	3572	-86	-462
123	Apr-19	WCL FSAK	G8-G11	121548	3884	3607	3841	3495	44	-233
124	May-19	MCL	G13-G15	58223	3740	3465	3926	3539	-186	-461
125	May-19	NTPC Pakri	G9	58731	4907	4624	4581	4309	326	44
126	May-19	SCCL	G8-G13	186442	4081	3864	3317	3136	765	548
127	May-19	WCL FSAK	G8-G11	106226	4022	3785	3886	3533	137	-100
128	May-19	WCL MS	G8-G11	84950	4268	3849	4299	3756	-31	-450
129	Jun-19	BCCL	G7-G14	3736	4985	4951	4617	3967	368	334
130	Jun-19	BCCL	G7-G14	0	4985	4951	4617	3967	368	334
131	Jun-19	MCL	G13-G15	58623	3765	3472	3339	3112	426	133
132	Jun-19	NCL	G10-G12	87491	4556	4179	3515	3230	1042	665
133	Jun-19	NCL	G10-G12	7816	4940	4513	3818	3606	1123	695
134	Jun-19	NTPC Pakri	G9	55568	4901	4636	4403	4181	498	233
135	Jun-19	NTPC Pakri	G10	3961	5000	4657	4717	4506	283	-60
136	Jun-19	NTPC Pakri	G11	19763	4804	4558	4572	4345	232	-15
137	Jun-19	SCCL	G8-G13	102253	4128	3997	3568	3399	560	429
138	Jun-19	SCCL	G8-G13	70180	4202	4058	3707	3547	494	350
139	Jun-19	WCL	G8-G11	57903	4041	3642	3918	3596	124	-275
140	Jun-19	WCL	G8-G11	1661	3658	3081	3893	3367	-235	-812
141	Jun-19	WCL FSAK	G8-G11	103249	4195	3847	3713	3410	482	134
142	Jun-19	WCL FSAM	G8-G11	9224	4167	3814	3305	2978	861	509
143	Jul-19	MCL	G13-G15	53306	2829	2543	3147	2902	-318	-604
144	Jul-19	NCL	G10-G12	145683	4920	4475	3661	3322	1259	814
145	Jul-19	SCCL	G8-G13	102632	3905	3776	3663	3397	242	113
146	Jul-19	WCL	G8-G11	11556	4049	3537	3550	3287	499	-13
147	Jul-19	WCL FSAK	G8-G11	99874	4353	4011	3696	3354	656	315
148	Jul-19	WCL FSAM	G8-G11	3690	4138	3811	3236	2844	902	575
149	Aug-19	BCCL	G7-G14	4122	5852	5691	3535	3548	2317	2156

150	Aug-19	MCL	G13-G15	35828	3237	2617	3062	2651	175	-445
151	Aug-19	MCL	G13-G15	23632	3495	3184	3872	3516	-377	-688
152	Aug-19	NCL	G10-G12	47378	4673	3857	3669	3148	1004	188
153	Aug-19	NCL	G10-G12	34363	2970	295	3473	2819	-503	-3179
154	Aug-19	NTPC PB	G9	23845	4722	4381	4196	3771	525	185
155	Aug-19	SCCL	G8-G13	10428	4043	3832	3387	2973	656	445
156	Aug-19	WCL	G8-G11	3609	4235	3580	4283	3769	-48	-703
157	Aug-19	WCL FSAK	G8-G11	27102	4676	4408	3892	3469	784	516
158	Aug-19	WCL FSAM	G8-G11	23628	4235	4059	3981	3423	254	79
159	Aug-19	WCL FSAU	G8-G11	7536	4307	4254	4037	3595	270	217
160	Sep-19	BCCL	G7-G14	38572	5775	5655	4402	3985	1373	1253
161	Sep-19	MCL	G13-G15	37411	3810	3564	3297	3001	513	267
162	Sep-19	NTPC PB	G9	74690	4937	4635	4502	4153	436	133
163	Sep-19	WCL	G8-G11	4031	4810	4062	3810	3290	1000	252
164	Sep-19	WCL	G8-G11	11857	4617	4211	3538	3207	1080	674
165	Oct-19	BCCL	G7-G14	20000	5414	5307	4018	3800	1397	1289
166	Oct-19	MCL	G13-G15	32981	3398	3079	3840	3569	-442	-762
167	Oct-19	NTPC PB	G9	119148	4878	4366	4448	4150	430	-81
168	Oct-19	SCCL	G8-G13	8076	4111	3921	3939	3623	172	-18
169	Oct-19	WCL	G8-G11	39795	4643	4165	4091	3793	551	73
170	Oct-19	WCL FSAK	G8-G11	11360	4592	4260	3426	3070	1166	834
171	Oct-19	WCL FSAM	G8-G11	38805	4324	4065	3959	3649	366	106
172	Oct-19	WCL FSAU	G8-G11	39090	4677	4425	3988	3693	689	438
173	Nov-19	BCCL	G7-G14	15570	5778	5716	4835	4555	943	881
174	Nov-19	MCL	G13-G15	54930	3652	3397	3132	2919	520	265
175	Nov-19	NCL	G10-G12	19327	4615	4195	3976	3652	639	219
176	Nov-19	NTPC PB	G9	87578	4970	4621	4743	4396	226	-122
177	Nov-19	WCL	G8-G11	89446	4192	3772	4109	3706	83	-337
178	Nov-19	WCL	G8-G11	15667	4788	4517	4279	3912	509	238
179	Nov-19	WCL FSAM	G8-G11	102711	4143	3856	3795	3482	348	61
180	Nov-19	WCL FSAU	G8-G11	3729	4481	4230	3998	3729	483	232
181	Dec-19	BCCL	G7-G14	35248	5596	5511	4290	4047	1306	1220
182	Dec-19	MCL	G13-G15	49293	3521	3253	3156	2925	365	96
183	Dec-19	MCL	G13-G15	3834	3341	3132	3750	3523	-409	-618
184	Dec-19	NCL	G10-G12	113890	4781	4360	3976	3618	806	384
185	Dec-19	NTPC PB	G9	4019	4650	4343	4635	4364	15	-292
186	Dec-19	WCL	G8-G11	11774	4376	3938	4134	3683	242	-196
187	Dec-19	WCL FSAK	G8-G11	89954	4281	4006	3847	3486	434	159
188	Dec-19	WCL FSAM	G8-G11	199854	4233	3967	3869	3571	364	98
189	Dec-19	WCL FSAU	G8-G11	7768	4793	4576	3764	3441	1029	813
190	Jan-20	BCCL	G7-G14	7202	5041	4995	4509	4173	532	486

191	Jan-20	MCL	G13-G15	27768	3311	3041	3448	3130	-137	-408
192	Jan-20	NCL	G10-G12	189977	4870	4454	3833	3460	1037	621
193	Jan-20	SCCL	G8-G13	36638	3901	3762	3802	3651	99	-40
194	Jan-20	WCL FSAK	G8-G11	23219	4301	3971	4082	3695	219	-111
195	Jan-20	WCL FSAM	G8-G11	284048	4303	4029	4038	3717	265	-9
196	Jan-20	WCL FSAU	G8-G11	26889	4034	3736	3702	3370	332	33
197	Feb-20	BCCL	G7-G14	42987	5919	5833	4522	4275	1397	1311
198	Feb-20	MCL	G13-G15	129335	3550	3257	3372	3092	178	-115
199	Feb-20	NTPC PB	G9	3977	4770	4578	4759	4474	11	-181
200	Feb-20	SCCL	G8-G13	8121	3900	3763	3374	3281	526	390
201	Feb-20	WCL FSAK	G8-G11	87245	4382	4141	3730	3404	652	411
202	Feb-20	WCL FSAM	G8-G11	223511	4311	4002	4003	3643	308	-1
203	Feb-20	WCL FSAU	G8-G11	74961	4229	3965	3769	3437	460	197
204	Mar-20	BCCL	G7-G14	71782	5788	5676	4798	4456	990	878
205	Mar-20	MCL	G13-G15	124246	3280	2995	3181	2921	99	-186
206	Mar-20	NCL	G10-G12	11845	4543	4257	4459	4037	84	-202
207	Mar-20	SCCL	G8-G13	68810	4115	3916	3684	3455	431	233
208	Mar-20	WCL FSAK	G8-G11	89839	4348	4126	3851	3526	496	274
209	Mar-20	WCL FSAM	G8-G11	296862	4397	4068	4061	3675	336	7
210	Mar-20	WCL FSAU	G8-G11	28104	4127	3839	3809	3467	318	29
211	Apr-20	NCL	G10-G12	8311	3695	3392	3598	3286	97	-206
212	Apr-20	WCL FSAM	G8-G11	15214	4269	3912	4280	3835	-11	-368
213	May-20	WCL FSAM	G8-G11	11656	4013	3687	3864	3610	149	-176
214	Jun-20	SCCL	G8-G13	4030	4004	3803	3879	3609	125	-76
215	Jul-20	MCL	G13-G15	62157	3523	3228	3250	2977	273	-23
216	Jul-20	WCL FSAK	G8-G11	37750	4598	4263	3971	3601	627	292
217	Jul-20	WCL FSAM	G8-G11	27062	4007	3724	3373	3084	634	352
218	Aug-20	WCL FSAK	G8-G11	34800	4408	4132	3777	3380	631	355
219	Aug-20	WCL FSAM	G8-G11	47573	3929	3667	3554	3214	375	112
220	Sep-20	WCL FSAK	G8-G11	35860	4802	4463	3692	3308	1110	770
221	Oct-20	MCL	G13-G15	186919	3392	3126	3186	2973	206	-60
222	Oct-20	SCCL	G8-G13	4071	4505	4074	3406	3808	1099	668
223	Oct-20	WCL FSAK	G8-G11	20096	4318	3973	3915	3603	403	58
224	Oct-20	WCL FSAK	G8-G11	139891	4462	4060	3762	3332	699	298
225	Oct-20	WCL FSAM	G8-G11	16054	4190	3941	3825	3482	366	117
226	Nov-20	WCL FSAK	G8-G11	183094	4507	4130	4010	3561	497	120
227	Nov-20	WCL MS	G8-G11	195150	4107	3741	3730	3461	377	11
228	Dec-20	MCL	G13-G15	106267	3519	3276	3209	3252	310	67
229	Dec-20	SCCL	G8-G13	40561	4949	4698	4819	3886	130	-121
230	Dec-20	SECL	G10-G12	4038	4441	4036	3693	3166	748	343
231	Dec-20	WCL FSAK	G8-G11	116465	4618	4221	4085	3483	533	136

232	Dec-20	WCL FSAU	G8-G11	55405	4487	4117	4124	3259	363	-7
233	Dec-20	WCL MS	G8-G11	396777	4009	3672	3793	3582	216	-120
234	Jan-21	SCCL	G8-G13	109199	4803	4533	4938	4035	-135	-404
235	Jan-21	SECL	G10-G12	19553	4085	3833	3752	2993	333	80
236	Jan-21	SECL	G10-G12	35834	4524	4073	3351	3302	1173	721
237	Jan-21	WCL FSAK	G8-G11	128333	4494	4189	4116	3761	377	73
238	Jan-21	WCL FSAM	G8-G11	184208	4358	4072	4379	3667	-22	-307
239	Jan-21	WCL MS	G8-G11	408885	4041	3709	4027	3772	14	-318
240	Feb-21	SCCL	G8-G13	8216	5438	5080	5651	3726	-213	-571
241	Feb-21	SECL	G10-G12	27620	4140	3820	4070	3794	70	-250
242	Feb-21	WCL FSAK	G8-G11	127644	4376	4103	4133	3680	243	-30
243	Feb-21	WCL FSAM	G8-G11	181119	4128	3874	3667	3568	461	207
244	Feb-21	WCL MS	G8-G11	310146	3827	3528	3914	3556	-87	-386
245	Mar-21	SECL	G10-G12	44112	4125	3881	4066	3816	59	-185
246	Mar-21	SECL	G10-G12	10749	5280	4910	4877	3694	403	33
247	Mar-21	WCL FSAK	G8-G11	95173	4388	4071	4120	3724	268	-48
248	Mar-21	WCL FSAM	G8-G11	188851	4190	3963	3930	3687	259	33
249	Mar-21	WCL FSAU	G8-G11	43030	4240	3929	4155	3738	85	-226
250	Mar-21	WCL GGS	G8-G11	8439	3887	3627	3744	3836	144	-117
251	Mar-21	WCL MS	G8-G11	140119	3924	3624	3885	3617	39	-262
252	Apr-21	MCL	G13-G15	31662	3356	3156	3404	3173	-48	-248
253	Apr-21	SECL	G10-G12	3525	4114	3701	3948	3649	166	-247
254	Apr-21	SECL	G10-G12	7612	5043	4570	4736	4388	306	-167
255	Apr-21	WCL FSAK	G8-G11	85029	4452	4148	3981	3680	470	167
256	Apr-21	WCL FSAM	G8-G11	105573	4168	3900	3731	3506	437	169
257	Apr-21	WCL FSAU	G8-G11	9247	4352	4037	3580	3324	772	457
258	Apr-21	WCL MS	G8-G11	116762	3910	3632	3607	3326	303	25
259	May-21	MCL	G13-G15	80858	3599	3358	3613	3322	-13	-255
260	May-21	SCCL	G8-G13	134319	4001	3825	3725	3521	276	100
261	May-21	WCL	G8-G11	4304	NA	NA	3528	3285	-	-
262	May-21	WCL FSAM	G8-G11	35602	4084	3852	3497	3304	587	355
263	May-21	WCL FSAU	G8-G11	115995	4510	4308	3857	3604	654	451
264	May-21	WCL MS	G8-G11	298960	3640	3416	3333	3087	307	84
265	May-21	MCL	G13-G15	126803	3379	3115	3152	2885	227	-37
266	Jun-21	SCCL	G8-G13	126461	4129	3940	3860	3510	269	80
267	Jun-21	SECL	G10-G12	15433	4186	3723	3965	3606	222	-242
268	Jun-21	WCL FSAK	G8-G11	72449	4650	4363	3977	3593	673	386
269	Jun-21	WCL FSAM	G8-G11	81333	4086	3770	3792	3515	294	-22
270	Jun-21	WCL FSAU	G8-G11	19463	4573	4295	3963	3616	610	332
271	Jun-21	WCL MS	G8-G11	402140	3986	3662	3425	3101	561	237
272	Jul-21	MCL	G13-G15	3881	3504	3285	3190	2796	314	95

273	Jul-21	WCL FSAK	G8-G11	99515	4711	4352	3901	3511	810	451
274	Jul-21	WCL FSAM	G8-G11	44954	4395	4033	4090	3694	305	-57
275	Jul-21	WCL FSAU	G8-G11	35019	4438	4093	3886	3526	552	207
276	Jul-21	WCL MS	G8-G11	261768	4012	3645	3233	2900	779	412
277	Aug-21	SECL	G10-G12	3748	3932	3456	5188	4633	-1256	-1732
278	Aug-21	WCL FSAK	G8-G11	74114	4676	4331	3830	3459	846	501
279	Aug-21	WCL FSAM	G8-G11	30744	4444	4132	3776	3497	668	356
280	Aug-21	WCL FSAU	G8-G11	3677	4896	4558	4224	3745	672	334
281	Aug-21	WCL MS	G8-G11	155317	4338	3855	3332	3003	1007	524
282	Sep-21	MCL	G13-G15	7486	3593	3379	2770	2539	823	609
283	Sep-21	MCL	G13-G15	134954	3491	3248	3045	2740	445	203
284	Sep-21	SECL	G10-G12	4053	3152	2936	3673	3582	-521	-737
285	Sep-21	SECL	G10-G12	3846	4094	3623	2633	2212	1461	990
286	Sep-21	WCL FSAG	G8-G11	54302	3797	3484	3231	2913	566	254
287	Sep-21	WCL FSAK	G8-G11	284	4725	4224	3393	3055	1332	831
288	Sep-21	WCL FSAM	G8-G11	79108	4285	3939	4120	3644	165	-181
289	Sep-21	WCL FSAU	G8-G11	84142	4428	4128	3440	3055	988	688
290	Sep-21	WCL MS	G8-G11	211546	4224	3827	3199	2860	1025	628
291	Oct-21	MCL	G13-G15	269528	3477	3221	3333	3029	144	-112
292	Oct-21	SECL	G10-G12	56400	3312	3058	2872	2616	440	187
293	Oct-21	SECL	G10-G12	35953	4487	4027	3711	3403	776	316
294	Oct-21	WCL FASK	G8-G11	3473	4680	4354	3971	3713	709	383
295	Oct-21	WCL FSAG	G8-G11	82190	4038	3709	3219	2959	818	490
296	Oct-21	WCL FSAM	G8-G11	39959	4236	3899	3964	3598	272	-64
297	Oct-21	WCL FSAU	G8-G11	47998	4599	4267	3594	3273	1005	672
298	Oct-21	WCL MS	G8-G11	375138	4132	3811	3190	2895	942	621
299	Nov-21	ECL	G6-G13	3807	5442	5172	3559	3316	1883	1613
300	Nov-21	MCL	G13-G15	6651	3859	3554	4235	3849	-377	-681
301	Nov-21	MCL	G13-G15	2009	3567	3226	3452	3134	115	-226
302	Nov-21	MCL	G13-G15	292749	3540	3276	3421	3123	119	-145
303	Nov-21	SECL	G10-G12	0	NA	NA	3677	3331	-	-
304	Nov-21	SECL	G10-G12	62667	3577	3358	3504	3271	72	-146
305	Nov-21	SECL	G10-G12	3989	3620	3235	4119	3876	-499	-884
306	Nov-21	WCL FSAG	G8-G11	24462	3761	3452	3264	2998	496	187
307	Nov-21	WCL FSAM	G8-G11	95694	4282	4002	4082	3739	200	-80
308	Nov-21	WCL FSAU	G8-G11	87218	4384	4056	3897	3517	487	159
309	Nov-21	WCL MS	G8-G11	355715	4268	3939	3548	3243	720	391
310	Dec-21	MCL	G13-G15	254019	3494	3243	3435	2982	58	-192
311	Dec-21	SECL	G10-G12	10826	4804	4440	4107	3717	698	333
312	Dec-21	WCL FSAG	G8-G11	85264	4272	3953	2913	2543	1359	1039
313	Dec-21	WCL FSAM	G8-G11	94076	4325	4106	3682	3239	642	424

314	Dec-21	WCL FSAU	G8-G11	137738	4364	4074	3898	3372	466	176
315	Dec-21	WCL MS	G8-G11	113969	4121	3802	3540	3050	581	262
316	Jan-22	MCL	G13-G15	196054	3470	3239	3239	2755	231	0
317	Jan-22	WCL FSAG	G8-G11	20414	3943	3698	3147	2729	796	552
318	Jan-22	WCL FSAM	G8-G11	155789	4454	4159	3539	3017	915	619
319	Jan-22	WCL FSAU	G8-G11	95334	4425	4129	3963	3335	462	166
320	Jan-22	WCL MS	G8-G11	143655	4221	3971	3283	2800	937	687
321	Feb-22	MCL	G13-G15	43806	3587	3321	3354	2904	233	-32
322	Feb-22	WCL FSAG	G8-G11	86006	4960	3479	3235	2927	1725	244
323	Feb-22	WCL FSAM	G8-G11	102221	4316	3991	3636	3176	680	355
324	Feb-22	WCL FSAU	G8-G11	89570	4485	4164	3857	3251	628	307
325	Feb-22	WCL MS	G8-G11	27481	4332	4063	3299	2900	1033	764
326	Mar-22	MCL	G13-G15	125632	3581	3342	3363	2980	218	-21
327	Mar-22	NTPC CB	G12	7680	3118	NA	3165	2756	-47	-
328	Mar-22	SECL	G10-G12	54057	3611	3432	3758	3350	-147	-325
329	Mar-22	WCL	G8-G11	4026	4112	3753	2695	2384	1417	1058
330	Mar-22	WCL FSAG	G8-G11	3793	3439	3209	4615	4224	-1176	-1406
331	Mar-22	WCL FSAM	G8-G11	23862	4404	4142	3486	3125	918	656
332	Mar-22	WCL FSAU	G8-G11	45864	4446	4072	3984	3557	462	87
333	Mar-22	WCL MS	G8-G11	55975	4375	4023	3426	3059	949	597

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: NTPC SOLAPUR

Name of Company:NTPC LTD.

Sampling methodology adopted for station : As per Bilateral and Tripartite Agreement with CIMFR

Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement :

Annual Contracted Quantity (as per FSA): 5.37 MMT

Mode of transport Rail

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT UNLOADING END		GCV MEASURED AT LOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Apr-17	WCL	G11	34647	3700	3646	4134	3901	435	255
2	May-17	SCCL	G09	7896	3424	3330	4287	4038	863	708
3	May-17	WCL	G12	15249	3641	3569	3708	3445	67	-124
4	Jun-17	SCCL	G09	12147	3730	3533	4231	4235	501	702
5	Jun-17	WCL	G10	19503	3502	3333	4525	4388	1023	1055
6	Jul-17	SCCL	G10	11522	4109	3790	4184	3836	75	46
7	Jul-17	WCL	G10	34853	3433	3225	3687	3401	254	176
8	Aug-17	WCL	G10	19137	3550	3361	3700	3342	150	-19
9	Aug-17	SCCL	G09	18429	3985	3641	4683	4478	698	837
10	Sep-17	SCCL	G09	3561	4165	3826	4738	4611	573	785
11	Oct-17	SCCL-R	G10	40245	3701	3426	4243	4035	542	609
12	Nov-17	MCL	G13	42395	3931	3745	4002	3824	71	79
13	Nov-17	SCCL-R	G11	88301	3407	3210	3981	3816	574	606
14	Dec-17	SCCL	G11	76498	3434	3273	4209	4041	775	768
15	Dec-17	NCL-D	G10	11472	4002	3713	4393	3945	391	232
16	Dec-17	MCL	G12	25104	3855	3650	4215	3950	360	301
17	Jan-18	MCL	G12	40968	3746	3521	3947	3665	201	144
18	Jan-18	SCCL-R	G10	47464	3716	3478	4196	3990	480	512
19	Feb-18	MCL	G12	33847	3950	3723	3848	3573	-102	-150
20	Feb-18	SCCL-R	G10	73840	3692	3422	4183	3892	491	470
21	Feb-18	WCL	G11	7016	3819	3582	3439	3133	-381	-448
22	Mar-18	MCL	G12	29310	3878	3645	4238	3995	360	349
23	Mar-18	SCCL-R	G11	60055	3580	3334	3944	3659	364	324
24	Mar-18	WCL	G10	7977	3727	3473	3712	3416	-15	-57
25	Mar-18	WCL-E	G11	55660	3988	3721	4204	3879	216	157
26	Apr-18	ECL-D	G04	7670	4993	4567	6190	5821	1197	1255
27	Apr-18	MCL	G12	74584	3949	3673	4129	3862	180	189
28	Apr-18	NCL-D	G09	30928	5001	4730	5013	4695	11	-35
29	Apr-18	SCCL-R	G12	57497	3762	3613	3983	3745	221	132
30	Apr-18	SCCL-E	G13	19993	3094	2892	3247	3128	154	236
31	Apr-18	WCL	G11	5280	3880	3589	3745	3514	-135	-75
32	May-18	MCL	G13	97929	3868	3633	3835	3593	-33	-40
33	May-18	SCCL	G12	46002	3162	2995	3858	3703	696	708
34	May-18	SCCL-E	G15	20496	2397	2333	3168	3103	771	770
35	May-18	SECL-D	G09	3763	3250	3075	2515	2296	-735	-778
36	May-18	WCL	G11	7862	3409	3234	3873	3589	465	354
37	Jun-18	ECL-R	G05	15082	4152	3669	4713	4353	560	683

38	Jun-18	MCL	G12	66783	3824	3415	4077	3827	253	412
39	Jun-18	SCCL	G09	7254	4154	3705	5136	4957	982	1253
40	Jul-18	BCCL-E	W-IV	92397	4157	3469	4942	4802	785	1333
41	Jul-18	ECL-E	G04	7312	5886	5029	5811	5622	-75	593
42	Jul-18	ECL-R	G05	3746	4838	4345	5070	4652	232	307
43	Jul-18	MCL	G12	47204	3834	3319	4164	3842	330	523
44	Jul-18	NTPC PAKRI	G09	3850	4616	3905	5140	4769	524	864
45	Aug-18	BCCL-E	W-IV	42923	4069	3388	5395	5254	1326	1866
46	Aug-18	MCL	G12	61929	3692	3239	3848	3537	156	298
47	Aug-18	NTPC PAKRI	G09	3740	4503	3708	5450	4907	947	1198
48	Aug-18	SCCL-R	G10	3696	4005	3572	5032	4777	1027	1205
49	Sep-18	BCCL-E	W-IV	28365	4185	3647	5317	5194	1132	1547
50	Sep-18	MCL	G12	6822	4039	3605	4153	3906	114	301
51	Oct-18	BCCL-E	W-IV	48283	4269	3972	5125	5030	856	1058
52	Oct-18	MCL	G13	19736	3780	3410	3498	3256	-282	-155
53	Oct-18	SCCL	G11	7674	3389	3107	3744	3578	355	470
54	Nov-18	BCCL-E	W-IV	14465	4222	3841	4966	4921	744	1080
55	Nov-18	ECL-E	G04	3659	5845	5087	5798	5568	-48	480
56	Nov-18	MCL	G13	67662	3368	2926	3556	3294	189	368
57	Nov-18	SCCL	G10	30259	3928	3419	4316	4173	388	754
58	Nov-18	SCCL-E	G11	30430	3612	3079	3857	3667	245	588
59	Nov-18	WCL	G10	7917	2950	2624	4209	3956	1259	1332
60	Dec-18	BCCL-E	W-IV	7984	4271	3876	5722	5690	1452	1813
61	Dec-18	MCL	G13	15198	3687	3327	4017	3748	330	421
62	Dec-18	NCL-E	G09	80706	3801	3368	4704	4171	903	803
63	Dec-18	NTPC PAKRI	G09	28750	4442	4018	5069	4787	626	770
64	Jan-19	ECL-R	G05	3592	3336	4050	3805	3805	469	-245
65	Jan-19	MCL	G13	3386	4083	3559	3935	3709	-148	150
66	Jan-19	NCL-E	G09	3973	3698	3429	5123	4575	1425	1146
67	Feb-19	ECL-R	G04	3734	5447	5241	4710	4425	-737	-816
68	Feb-19	MCL	G13	23159	3966	3662	3802	3526	-164	-136
69	Feb-19	SCCL-R	G11	4064	4004	3802	4481	4243	477	441
70	Mar-19	ECL-R	G05	18102	4610	4439	4748	4441	137	2
71	Mar-19	MCL	G13	11649	3672	3426	4151	3841	479	416
72	Mar-19	NCL-D	G10	14886	3299	3035	5160	4693	1862	1658
73	Mar-19	SCCL-R	G10	32330	3899	3672	4184	4012	285	340
74	Apr-19	ECL-R	G05	11293	4862	4675	4833	4555	-30	-120
75	Apr-19	MCL	G13	19830	3318	3179	3622	3395	304	216
76	Apr-19	NCL-D	G10	7700	3257	3079	4880	4485	1623	1405
77	Apr-19	SCCL-R	G10	34916	3812	3611	4093	3884	281	273
78	May-19	ECL-D	G05	3591	4797	4541	5445	5271	649	730
79	May-19	MCL	G13	40866	3770	3533	3895	3645	125	112
80	May-19	NCL-D	G10	11874	3084	2920	5023	4587	1939	1667
81	May-19	NTPC PAKRI	G09	57478	4626	4367	4905	4627	279	259
82	Jun-19	BCCL-D	W-IV	3952	4794	4409	5366	5367	572	958
83	Jun-19	MCL	G13	27522	3924	3667	3966	3751	42	84
84	Jun-19	NCL-D	G10	7726	3482	3312	4600	4245	1118	933

85	Jun-19	NTPC PAKRI	G09	95512	4457	4119	4803	4567	346	448
86	Jul-19	MCL	G13	43142	2968	2735	3575	3328	607	593
87	Jul-19	NTPC PAKRI	G09	23839	4116	3811	4452	4149	336	339
88	Jul-19	SECL	G11	3418	4260	4024	4472	4281	212	257
89	Jul-19	WCL-E	G10	31766	3237	2930	4273	3882	1036	952
90	Aug-19	NTPC PAKRI	G09	23750	4449	4116	4970	4606	522	490
91	Sep-19	IMP	G08	2009		3477				
92	Sep-19	MCL	G12	3661	3792	3325	3740	3475	-52	151
93	Sep-19	NTPC PAKRI	G09	114961	4319	4020	4856	4530	537	511
94	Oct-19	NTPC PAKRI	G09	7946	4829	4502	4980	4634	151	132
95	Nov-19	NTPC PAKRI	G09	11865	4829	4502	4980	4634	151	132
96	Dec-19	NCL-R	G10	24236	3559	3263	4345	3978	786	715
97	Dec-19	NTPC PAKRI	G09	83292	4839	4539	5112	4776	273	236
98	Jan-20	NTPC PAKRI	G09	3969	4755	4269	4970	4528	215	259
99	Feb-20	MCL	G14	15915	2586	2371	2863	2612	277	242
100	May-20	SCCL	G13	8083	3748	3555	4232	4117	484	562
101	May-20	SECL-D/I	G11	31998	3888	3810	4187	3891	299	82
102	Jun-20	SCCL	G13	16185	3619	3302	4001	3798	382	496
103	Jul-20	SCCL	G12	47620	3408	3103	3803	3635	395	532
104	Aug-20	SCCL	G12	51923	3472	3235	3818	3664	346	428
105	Sep-20	SCCL	G14	186679	3341	3017	3601	3388	261	371
106	Oct-20	SCCL	G13	109719	3233	2895	3680	3462	447	567
107	Nov-20	SCCL	G13	413806	3138	2890	3487	3299	349	409
108	Dec-20	NTPC PAKRI	G09	43761	4298	3956	4623	4331	325	375
109	Dec-20	SCCL	G13	321238	3196	2954	3510	3339	314	385
110	Jan-21	NTPC PAKRI	G09	198762	4408	4105	4697	4450	290	345
111	Jan-21	SCCL	G14	166476	3238	2991	3408	3225	170	234
112	Jan-21	WCL	G11	11719	3201	2976	4282	3920	1081	944
113	Feb-21	NTPC PAKRI	G09	210763	4545	4281	4652	4432	107	151
114	Feb-21	SCCL	G14	65016	3197	3027	3299	3140	102	113
115	Feb-21	WCL	G10	55224	4389	3930	4408	3985	19	55
116	Mar-21	NTPC PAKRI	G09	273646	4520	4247	4726	4553	206	306
117	Mar-21	WCL	G10	23846	4321	3952	4363	3993	43	41
118	Apr-21	NTPC PAKRI	G09	126642	4478	4209	4758	4588	280	379
119	May-21	NTPC PAKRI	G09	63797	4552	4263	4971	4771	420	508
120	May-21	SCCL	G15	8143	3549	3324	3349	3183	-200	-140
121	Jun-21	NTPC PAKRI	G09	75446	4406	4089	4888	4666	483	577
122	Jun-21	WCL	G11	38931	4158	3619	3991	3512	-167	-107
123	Jul-21	WCL	G11	68896	3627	3232	3884	3537	257	305
124	Aug-21	SCCL	G13	24304	4058	3704	3810	3626	-248	-78
125	Sep-21	MCL	G13	34319	3735	3454	4075	3811	341	357
126	Sep-21	NTPC PAKRI	G09	134531	4350	3980	4539	4250	189	270
127	Sep-21	SCCL	G14	12194	3294	3047	3328	3143	34	96
128	Sep-21	WCL	G10	3986	2994	2801	4695	5194	1701	2393
129	Oct-21	ECL	G05	7435	2187	2053	3656	3433	1469	1380
130	Oct-21	MCL	G13	105583	3765	3511	3837	3604	72	93
131	Oct-21	NTPC PAKRI	G09	51442	4389	3999	4978	4736	589	738
132	Oct-21	SCCL	G15	69244	3134	2917	3498	3301	364	384
133	Oct-21	WCL	G12	11836	2904	2730	3723	3378	819	648

134	Nov-21	MCL	G13	114151	3460	3198	3563	3346	103	148
135	Nov-21	SCCL	G13	109760	3467	3233	3723	3544	256	310
136	Nov-21	WCL	G11	116757	3564	3248	4305	4031	741	783
137	Dec-21	MCL	G13	48399	3735	3436	3625	3376	-110	-60
138	Dec-21	NTPC PAKRI	G09	31841	4400	3980	4526	4320	126	340
139	Dec-21	SCCL	G14	81349	3161	2949	3420	3247	259	298
140	Dec-21	WCL	G11	177985	3699	3434	4277	4015	578	581
141	Jan-22	MCL	G12	27454	3805	3491	3873	3582	68	91
142	Jan-22	SCCL	G13	40820	3551	3354	3634	3457	83	103
143	Jan-22	WCL	G11	181197	3827	3587	4382	4104	556	517
144	Feb-22	MCL	G12	3203	3193	2951	3421	3174	228	223
145	Feb-22	SCCL	G12	8141	3498	3254	3278	3118	-220	-135
146	Feb-22	WCL	G11	283073	3713	3465	4274	3969	561	504
147	Mar-22	MCL	G12	6328	4122	3773	3868	3637	-255	-136
148	Mar-22	SCCL	G13	32560	3727	3411	3409	3200	-318	-211
149	Mar-22	WCL	G11	312443	3841	3568	4264	3974	422	406

**DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE
AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END**

Name of Generating Station: KORBA STPS

Name of Company: NTPC LTD.

Sampling methodology adopted for station :As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement : 12.09.2009

Annual Contracted Quantity (as per FSA): 14.51 MMT

Mode of transport MGR RAKE

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
	Apr-17	SECL Gevra Mines- MGR	G11	905067	3982	3750	3887	3630	95	120
1	May-17	SECL Gevra Mines- MGR	G11	992724	4107	3887	3946	3740	161	147
2	Jun-17	SECL Gevra Mines- MGR	G11	882383	4112	3893	3845	3657	267	236
3	Jul-17	SECL Gevra Mines- MGR	G11	873071	4245	3968	4080	3788	165	180
4	Aug-17	SECL Gevra Mines- MGR	G11	888627	4069	3845	4013	3767	56	78
5	Sep-17	SECL Gevra Mines- MGR	G11	887204	3902	3648	3908	3501	-6	147
6	Oct-17	SECL Gevra Mines- MGR	G11	988656	4402	4090	4479	4161	-77	-71
7	Nov-17	SECL Gevra Mines- MGR	G11	1040284	4370	4027	4098	3984	272	43
8	Dec-17	SECL Gevra Mines- MGR	G11	1137141	4167	3876	4415	4153	-248	-277
9	Jan-18	SECL Gevra Mines- MGR	G11	1224957	4243	3963	4449	4153	-206	-190
10	Feb-18	SECL Gevra Mines- MGR	G11	1018616	4087	3834	4314	4053	-227	-219
11	Mar-18	SECL Gevra Mines- MGR	G11	1019377	4302	4045	4643	4400	-341	-355
12	Apr-18	SECL Gevra Mines- MGR	G11	1028425	4177	3909	4264	4016	-87	-107
13	May-18	SECL Gevra Mines- MGR	G11	1126611	3832	3579	3868	3666	-36	-87
14	Jun-18	SECL Gevra Mines- MGR	G11	1096292	3788	3517	3818	3576	-30	-59
15	Jul-18	SECL Gevra Mines- MGR	G11	1054053	4098	3793	3958	3677	140	116
16	Aug-18	SECL Gevra Mines- MGR	G11	1062942	3769	3478	3730	3429	39	49
17	Sep-18	SECL Gevra Mines- MGR	G11	899570	3695	3387	3700	3427	-5	-40
18	Oct-18	SECL Gevra Mines- MGR	G11	1105008	4025	3753	3925	3640	100	113
19	Nov-18	SECL Gevra Mines- MGR	G11	1225091	4007	3301	3834	3712	173	-411
20	Dec-18	SECL Gevra Mines- MGR	G11	1061212	3503	3292	3578	3376	-75	-84
21	Jan-19	SECL Gevra Mines- MGR	G11	1216498	3282	3108	3317	3095	-35	13
22	Feb-19	SECL Gevra Mines- MGR	G11	1087867	4040	3804	3977	3695	63	109
23	Mar-19	SECL Gevra Mines- MGR	G11	1146066	3788	3549	3866	3594	-78	-45
24	Apr-19	SECL Gevra Mines- MGR	G11	1115832	3534	3317	3646	3420	-112	-103
25	May-19	SECL Gevra Mines- MGR	G11	1160111	3543	3343	3565	3340	-22	3
26	Jun-19	SECL Gevra Mines- MGR	G11	1126756	3754	3473	3729	3442	25	31
27	Jul-19	SECL Gevra Mines- MGR	G11	1141206	4336	3952	4086	3760	250	192
28	Aug-19	SECL Gevra Mines- MGR	G11	872463	4353	4028	3811	3499	542	529
29	Sep-19	SECL Gevra Mines- MGR	G11	830905	4335	4054	3784	3500	551	554
30	Oct-19	SECL Gevra Mines- MGR	G11	1044343	4256	4026	3739	3482	517	544
31	Nov-19	SECL Gevra Mines- MGR	G11	1182645	3721	3508	3690	3458	31	50
32	Dec-19	SECL Gevra Mines- MGR	G11	1417954	4235	3958	3791	3535	444	423
33	Jan-20	SECL Gevra Mines- MGR	G11	1318269	4235	3944	3674	3409	561	535
34	Feb-20	SECL Gevra Mines- MGR	G11	1168685	4333	4062	3740	3477	593	585
35	Mar-20	SECL Gevra Mines- MGR	G11	1235545	4495	3848	3661	3395	834	453
36	Apr-20	SECL Gevra Mines- MGR	G11	1152999	3931	3671	3924	3617	7	54
37	May-20	SECL Gevra Mines- MGR	G11	1075910	3778	3506	3737	3470	41	36
38	Jun-20	SECL Gevra Mines- MGR	G11	979759	4205	3840	4239	3873	-34	-33
39	Jul-20	SECL Gevra Mines- MGR	G11	1049310	4374	3971	4249	3886	125	85

40	Aug-20	SECL Gevra Mines- MGR	G11	1119294	4547	4149	4398	4055	149	94
41	Sep-20	SECL Gevra Mines- MGR	G11	940307	4311	3787	4072	3787	239	0
42	Oct-20	SECL Gevra Mines- MGR	G11	898788	4116	3735	3837	3572	279	163
43	Nov-20	SECL Gevra Mines- MGR	G11	1003644	4101	3766	4070	3799	31	-33
44	Dec-20	SECL Gevra Mines- MGR	G11	1072163	3955	3647	3751	3525	204	122
45	Jan-21	SECL Gevra Mines- MGR	G11	1099196	4294	3958	3921	3676	373	282
46	Feb-21	SECL Gevra Mines- MGR	G11	1131376	4224	3965	3851	3630	373	335
47	Mar-21	SECL Gevra Mines- MGR	G11	1201364	3864	3618	3655	3448	209	170
48	Apr-21	SECL Gevra Mines- MGR	G11	1158116	4032	3613	3838	3613	194	0
49	May-21	SECL Gevra Mines- MGR	G11	1163921	4012	3709	3678	3458	334	251
50	Jun-21	SECL Gevra Mines- MGR	G11	1099027	4266	3916	4020	3776	246	140
51	Jul-21	SECL Gevra Mines- MGR	G11	1166389	3996	3657	3985	3725	11	-68
52	Aug-21	SECL Gevra Mines- MGR	G11	925424	4232	3878	4005	3709	227	169
53	Sep-21	SECL Gevra Mines- MGR	G11	904867	4204	3873	4043	3734	161	139
54	Oct-21	SECL Gevra Mines- MGR	G11	1146288	4121	3808	3961	3686	160	122
55	Nov-21	SECL Gevra Mines- MGR	G11	1225351	4136	3832	4054	3823	82	9
56	Dec-21	SECL Gevra Mines- MGR	G11	1201777	4132	3844	3901	3657	231	187
57	Jan-22	SECL Gevra Mines- MGR	G11	1247833	4396	4133	4170	3923	226	210
58	Feb-22	SECL Gevra Mines- MGR	G11	1216261	4476	4124	3856	3574	620	550
59	Mar-22	SECL Gevra Mines- MGR	G11	1280139	4009	3745	3700	3440	309	305

**DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS
DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END**

Name of Generating Station: NTPC Sipat

Name of Company: NTPC Limited

Sampling methodology adopted for station : As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement : Sept 2009 & Sept 2013

Annual Contracted Quantity (as per FSA):14956000 MT

Mode of tra Rail (MGR)

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Apr'17	SECL	G05	28489	5496	5262	4201	3895	1295	1367
2	Apr'17	SECL	G11	964623	3946	3713	3950	3750	-4	-37
3	Apr'17	CCL	W-IV	73874	3869	3698	4073	3862	-204	-163
4	May'17	SECL	G05	58443	4738	4426	4982	4646	-245	-220
5	May'17	SECL	G06	3964	4476	4244	4293	4063	183	182
6	May'17	SECL	G07	20798	4835	4417	4719	4236	116	180
7	May'17	SECL	G11	1061380	4386	4060	4204	3984	182	75
8	Jun'17	SECL	G07	7569	5023	4762	4763	4451	259	311
9	Jun'17	SECL	G08	3790	4968	4595	4841	4559	127	36
10	Jun'17	SECL	G09	7672	4817	4437	5079	4711	-262	-274
11	Jun'17	SECL	G11	995273	4149	3841	4019	3794	130	47
12	Jul'17	SECL	G05	6877	5459	5075	5460	4773	-1	302
13	Jul'17	SECL	G06	27671	4326	3899	4046	3741	281	157
14	Jul'17	SECL	G07	37503	4548	4022	4475	3983	73	39
15	Jul'17	SECL	G11	1108586	3168	2925	3910	3663	-742	-737
16	Aug'17	SECL	G05	24578	5404	5018	5011	4647	393	371
17	Aug'17	SECL	G06	24859	3744	3411	3686	3428	58	-18
18	Aug'17	SECL	G07	25295	4527	4191	4350	4008	176	183
19	Aug'17	SECL	G08	14808	4334	3923	4491	4169	-157	-245
20	Aug'17	SECL	G09	7848	3107	2766	3269	3073	-162	-308
21	Aug'17	SECL	G10	7786	3421	3023	3655	3285	-234	-262
22	Aug'17	SECL	G11	1155192	3913	3583	3926	3696	-12	-113
23	Sep'17	SECL	G05	3719	5751	5458	5494	4961	257	497
24	Sep'17	SECL	G07	23068	4785	4295	4548	4013	237	282
25	Sep'17	SECL	G08	3719	4528	4101	4724	4343	-196	-243
26	Sep'17	SECL	G09	3807	3462	3076	3795	3573	-333	-497

27	Sep'17	SECL	G11	1081794	3849	3504	3901	3671	-52	-168
28	Sep'17	SECL	G13	7720	3821	3292	3664	3185	157	107
29	Oct'17	SECL	G10	8250	4231	3825	4231	3984	0	-159
30	Oct'17	SECL	G11	1199087	4044	3747	3665	3469	380	277
31	Nov'17	SECL	G10	222875	3820	3532	3472	3317	348	215
32	Nov'17	SECL	G11	827404	4010	3725	3700	3540	310	184
33	Dec'17	SECL	G05	3694	4243	3968	4930	4622	-687	-654
34	Dec'17	SECL	G10	220058	4104	3828	3967	3832	137	-4
35	Dec'17	SECL	G11	877105	4009	3778	4048	3920	-39	-142
36	Jan'18	SECL	G05	3644	4755	4431	4715	4322	40	109
37	Jan'18	SECL	G10	33059	3883	3629	4312	4135	-430	-506
38	Jan'18	SECL	G11	1150693	4286	4004	4302	4104	-16	-99
39	Feb'18	SECL	G10	230837	4396	4157	3783	3630	613	527
40	Feb'18	SECL	G11	828857	4040	3788	3813	3674	227	113
41	Feb'18	SECL	G14	3909	3756	3593	3804	3609	-48	-15
42	Mar'18	SECL	G05	3614	4855	4545	4499	4218	356	326
43	Mar'18	SECL	G10	361748	4233	3983	3647	3501	586	482
44	Mar'18	SECL	G11	815395	4126	3893	3664	3520	462	372
45	Apr-18	SECL	G06	9792	5137	4966	5383	4991	-245	-25
46	Apr-18	SECL	G08	13546	4111	3894	4254	3914	-143	-20
47	Apr-18	SECL	G10	250934	4457	4152	4110	3979	347	174
48	Apr-18	SECL	G11	897254	4475	4157	4226	4089	248	67
49	May-18	SECL	G06	27389	4926	4742	5090	4875	-165	-133
50	May-18	SECL	G07	26676	5111	4711	5060	4526	51	185
51	May-18	SECL	G08	23755	4145	3897	4121	3773	24	125
52	May-18	SECL	G10	263614	4306	4040	4138	3995	168	45
53	May-18	SECL	G11	901762	4146	3894	3982	3870	164	24
54	Jun-18	SECL	G06	3206	5331	5207	4908	4561	423	646
55	Jun-18	SECL	G10	208265	4609	4328	4235	4067	374	261
56	Jun-18	SECL	G11	1016390	4513	4205	4338	4147	174	57
57	Jul-18	SECL	G10	287216	4243	3966	3864	3671	379	295
58	Jul-18	SECL	G11	944215	4074	3783	3796	3616	278	167
59	Aug-18	SECL	G10	357627	4366	4015	4031	3825	335	190
60	Aug-18	SECL	G11	788904	4394	4053	4085	3854	309	199
61	Sep-18	SECL	G07	13063	5056	4769	5153	4778	-97	-9
62	Sep-18	SECL	G09	7097	3756	3469	4053	3645	-296	-176
63	Sep-18	SECL	G10	276268	4157	3879	3890	3710	267	169
64	Sep-18	SECL	G11	761499	4196	3887	3890	3705	306	182
65	Sep-18	SECL	G13	7228	3027	2784	2910	2673	117	112
66	Oct-18	SECL	G07	9783	5331	4950	4769	4609	562	341
67	Oct-18	SECL	G09	3385	3683	3366	3838	3681	-155	-315

68	Oct-18	SECL	G10	283082	4245	3892	4178	3956	67	-64
69	Oct-18	SECL	G11	944419	4102	3805	4087	3919	15	-114
70	Nov-18	SECL	G07	17090	5239	4853	4803	4566	436	287
71	Nov-18	SECL	G09	3164	4355	3910	3849	3599	506	311
72	Nov-18	SECL	G10	186856	4041	3763	4131	3978	-91	-215
73	Nov-18	SECL	G11	1074664	3740	3490	3922	3780	-182	-290
74	Nov-18	SECL	G13	3924	2872	2742	3130	3141	-258	-399
75	Dec-18	SECL	G06	6127	5713	5363	5131	4838	581	525
76	Dec-18	SECL	G07	19906	5216	4804	4485	4218	730	586
77	Dec-18	SECL	G09	6793	3510	3223	3407	3135	102	88
78	Dec-18	SECL	G10	183790	4115	3847	4078	3960	37	-113
79	Dec-18	SECL	G11	992384	4177	3907	4131	4029	46	-122
80	Dec-18	SECL	G13	7413	2880	2689	2857	2773	23	-84
81	Jan-19	SECL	G07	3855	4386	4079	4560	4206	-174	-127
82	Jan-19	SECL	G10	130253	4025	3766	4338	4176	-313	-410
83	Jan-19	SECL	G11	1069065	4122	3833	4136	4018	-14	-185
84	Feb-19	SECL	G10	167069	3939	3678	3876	3763	63	-85
85	Feb-19	SECL	G11	1041882	4107	3820	4113	4014	-6	-194
86	Mar-19	SECL	G10	232970	4092	3790	3950	3854	142	-64
87	Mar-19	SECL	G11	1024747	4084	3796	4024	3927	60	-130
88	Apr-19	SECL	G10	11545	4086	3778	4039	3970	47	-192
89	Apr-19	SECL	G11	1134188	3828	3576	3762	3662	65	-86
90	May-19	SECL	G11	1258483	3868	3613	3777	3647	91	-34
91	May-19	SECL	G13	3840	2513	2402	2957	2843	-444	-442
92	Jun-19	MCL	G13	3394	4655	4373	4936	4640	-281	-267
93	Jun-19	MCL	G14	3393	3515	3174	3464	3281	51	-107
94	Jun-19	SECL	G06	3158	5318	4905	4959	4589	359	317
95	Jun-19	SECL	G07	3455	5537	5172	4895	4629	642	543
96	Jun-19	SECL	G11	1010264	4074	3775	4018	3820	56	-45
97	Jul-19	SECL	G11	988578	3940	3601	3877	3663	62	-62
98	Jul-19	SECL	G13	3494	3346	3182	3346	3232	0	-51
99	Aug-19	SECL	G11	859384	4118	3771	4051	3811	67	-40
100	Sep-19	SECL	G07	3715	4875	4616	4616	4337	259	279
101	Sep-19	SECL	G11	579165	4015	3575	3954	3732	60	-157
102	Oct-19	NCL	G10	183055	3120	2909	4154	3770	-1034	-861
103	Oct-19	SECL	G10	404440	4064	3785	4048	3836	16	-51
104	Oct-19	SECL	G11	381315	3733	3461	3726	3512	7	-51
105	Nov-19	SECL	G10	150058	4583	4217	4614	4329	-31	-112
106	Nov-19	SECL	G11	995232	4142	3825	4051	3849	91	-24
107	Dec-19	SECL	G10	80313	4721	4382	4739	4486	-18	-104
108	Dec-19	SECL	G11	1137748	4288	3971	4195	3964	93	7

109	Jan-20	SECL	G11	1196265	4019	3723	3982	3767	37	-43
110	Feb-20	SECL	G10	14907	4332	3988	4158	3838	174	149
111	Feb-20	SECL	G11	1214581	4101	3789	4001	3744	101	45
112	Mar-20	NCL	G11	3740	4281	4143	3726	3575	555	568
113	Mar-20	SECL	G10	156226	4428	4143	4278	4023	150	120
114	Mar-20	SECL	G11	1126139	4296	3973	4239	3986	57	-13
115	Apr'20	SECL	G06	22521	5475	5104	5153	4793	322	312
116	Apr'20	SECL	G07	29454	4950	4451	4877	4531	73	-80
117	Apr'20	SECL	G11	1123051	3922	3614	3851	3659	71	-45
118	May'20	SECL	G06	41939	5439	5024	5353	4985	87	39
119	May'20	SECL	G07	104175	5092	4613	4995	4547	97	67
120	May'20	SECL	G11	1305400	4244	3929	4288	4034	-45	-105
121	May'20	SECL	G13	3398	3517	3366	3800	3593	-283	-228
122	Jun'20	SECL	G06	9713	5271	4763	4863	4434	407	329
123	Jun'20	SECL	G07	58237	5021	4505	4935	4464	86	41
124	Jun'20	SECL	G09	8047	5093	4628	4494	4127	599	501
125	Jun'20	SECL	G10	62936	4418	3956	4316	3996	102	-40
126	Jun'20	SECL	G11	1017675	4361	3999	4358	4079	3	-80
127	Jul'20	SECL	G07	10560	4802	4257	4649	4219	153	38
128	Jul'20	SECL	G10	66627	4503	4106	4664	4320	-160	-214
129	Jul'20	SECL	G11	1035748	4121	3751	4097	3848	24	-97
130	Aug'20	SECL	G10	3071	4303	3938	4618	4264	-315	-326
131	Aug'20	SECL	G11	1036523	3819	3456	3790	3540	29	-84
132	Sep'20	SECL	G07	18807	6016	5450	4496	4087	1521	1364
133	Sep'20	SECL	G11	1107026	3775	3481	3765	3539	10	-58
134	Sep'20	SECL	G13	46041	3508	3348	3583	3338	-75	10
135	Sep'20	NCL	G10	33134	4448	4050	4163	3752	284	298
136	Sep'20	MCL	G14	18395	3749	3619	2944	2688	805	931
137	Sep'20	BCCL	W-IV	57654	4172	4096	3661	3734	511	362
138	Oct'20	SECL	G07	7636	5361	4973	4828	4417	533	556
139	Oct'20	SECL	G10	13192	4648	4194	4326	4002	322	191
140	Oct'20	SECL	G11	1136170	4060	3736	4048	3795	11	-59
141	Nov'20	SECL	G11	1088618	4015	3705	3973	3739	42	-34
142	Dec'20	SECL	G11	1126122	4299	4019	3927	3702	372	317
143	Dec'20	MCL	G13	3385	3575	3364	3196	3002	379	362
144	Dec'20	MCL	G14	17224	3688	3419	3718	3404	-30	14
145	Dec'20	SCCL	G10	30371	4270	4070	4127	3890	143	180
146	Jan'21	SECL	G11	1158346	3813	3600	3961	3732	-148	-132
147	Jan'21	SCCL	G08	15111	4775	4592	4689	4377	86	215
148	Jan'21	SCCL	G10	45693	4697	4461	4407	4141	291	320
149	Feb'21	SCCL	G10	19216	4085	3977	4026	3873	59	104

150	Feb'21	MCL	G14	3582	5579	5117	4497	4046	1082	1071
151	Feb'21	SECL	G11	1069441	4091	3842	3960	3748	131	95
152	Feb'21	SECL	G13	3894	3457	3231	3770	3558	-313	-327
153	Mar'21	SECL	G11	1249821	3928	3676	3859	3665	69	11
154	Mar'21	SECL	G15	18332	2645	2467	2891	2688	-246	-221
155	Mar'21	MCL	G13	3720	3065	2741	3148	2956	-83	-215
156	Mar'21	MCL	G14	54386	3512	3271	2991	2783	521	488
157	Apr'21	SECL	G07	3790	5106	4664	4497	4256	609	407
158	Apr'21	SECL	G11	1143172	3646	3383	3602	3427	44	-44
159	Apr'21	MCL	G14	57016	3325	3128	3130	2910	195	218
160	May'21	SECL	G11	1284410	4103	3865	4084	3877	19	-12
161	May'21	MCL	G13	2110	3719	3285	3379	3188	340	97
162	May'21	MCL	G14	81827	3352	3127	3187	2979	165	148
163	May'21	BCCL	W-IV	3605	5518	5351	3835	3743	1683	1608
164	May'21	BCCL	W-V	10420	4187	4006	3942	3806	246	199
165	Jun'21	SECL	G07	7176	4391	3967	3840	3600	551	367
166	Jun'21	SECL	G11	1124188	4097	3797	4074	3820	23	-23
167	Jun'21	SECL	G13	15448	3081	2875	3219	3084	-138	-209
168	Jun'21	MCL	G14	52197	3181	2951	2929	2705	253	247
169	Jun'21	BCCL	W-IV	24840	5432	5282	4010	3913	1423	1369
170	Jun'21	BCCL	W-V	3684	5471	5333	4062	3938	1409	1394
171	Jul'21	SECL	G07	3882	4093	3657	3987	3733	106	-75
172	Jul'21	SECL	G11	1190314	3704	3437	3595	3386	109	51
173	Jul'21	SECL	G13	7557	3462	3211	3245	3057	217	155
174	Jul'21	SCCL	G10	7540	4904	4734	3910	3759	994	975
175	Jul'21	SCCL	G11	3783	4244	4075	3453	3142	791	933
176	Jul'21	MCL	G12	3414	4155	3927	4207	3886	-52	41
177	Jul'21	MCL	G13	15998	3388	3129	3059	2831	329	298
178	Jul'21	MCL	G14	77349	3430	3187	3167	2888	263	299
179	Aug'21	SECL	G07	3907	5290	4840	4460	4129	830	711
180	Aug'21	SECL	G11	1039625	3747	3479	3678	3469	69	10
181	Aug'21	SECL	G13	3923	3581	3418	3116	2896	465	522
182	Aug'21	SCCL	G10	11373	4619	4446	3878	3719	741	728
183	Aug'21	SCCL	G11	3781	4183	3984	4041	3641	142	343
184	Aug'21	MCL	G13	4376	3227	3231	3104	2877	123	354
185	Aug'21	MCL	G14	91080	3491	3270	3191	2943	301	328
186	Sep'21	SECL	G11	1036695	4046	3758	3970	3745	76	13
187	Sep'21	MCL	G14	3858	3905	3561	2957	2757	948	804
188	Oct'21	SECL	G07	3826	4723	4484	3469	3254	1254	1230
189	Oct'21	SECL	G11	1151640	3884	3669	3768	3591	116	78
190	Oct'21	SECL	G13	3871	3137	3024	3221	3084	-84	-60

191	Nov'21	SECL	G11	1073659	3838	3615	3706	3511	131	103
192	Nov'21	SECL	G13	3604	3048	2811	3296	3172	-248	-361
193	Nov'21	MCL	G12	2990	3571	3307	4345	3940	-774	-634
194	Nov'21	MCL	G14	14046	3670	3453	3510	3243	160	210
195	Dec'21	SECL	G11	1179707	3748	3518	3684	3486	64	32
196	Dec'21	MCL	G14	21612	3134	2944	2952	2752	182	192
197	Jan'22	SECL	G11	1143661	3882	3666	3835	3665	47	1
198	Feb'22	SECL	G11	1026099	3840	3603	3759	3574	82	30
199	Feb'22	MCL	G14	6787	3557	3333	2783	2521	774	813
200	Mar'22	SECL	G11	1005194	3353	3191	3309	3170	43	21
201	Mar'22	MCL	G14	3623	3253	3016	2657	2454	596	562

**DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED
GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END**

NAME OF GENERATING STATION : NTPC/LARA STP
NAME OF COMPANY NTPC LTD
SOURCE MCL-LAKHANPUR
SAMPLING METHODOLOGY ADOPTED FOR STATION AS PER FSA
SAMPLING STANDARDS (BIS) FOLLOWED AS PER FSA
DATE OF FUEL SUPPLY AGREEMENT
ANNUAL CONTRACTED QUANTITY (AS PER FSA) 2.63 MMT (Swapping from NLCIL, rest linked with NTPC Talaipalli mine)

SL.NO.	SOURCE OF COAL	DECLARED GRADE OF COAL MINE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UN- LOADING END		DIFFERENCE (Kcal/Kg)	
				EM BASIS	TM BASIS	EM BASIS	TM BASIS	EM BASIS	TM BASIS
1	PAKRI BARWADIH	G9	27418	4757	4466	4766	4417	-9	49
2	PAKRI BARWADIH	G9	87954	4972	4621	4737	4450	236	171
3	MCL LKP	G14	10981	3610	3449	2961	2771	649	678
4	PAKRI BARWADIH	G9	79343	5182	4839	4466	4143	716	696
5	MCL LKP	G14	35716	3587	3400	2935	2690	652	710
6	PAKRI BARWADIH	G9	90097	4851	4534	4485	4046	366	488
7	MCL LKP	G14	4153	3833	3665	2742	2376	1091	1289
8	PAKRI BARWADIH	G9	186376	4918	4598	4623	4111	296	487
9	MCL LKP	G14	8788	4485	4343	2545	2118	1940	2225
10	MCL SARDEGA	G14	38435	3361	3045	3288	2869	73	176
11	PAKRI BARWADIH	G9	166099	4653	4391	4099	3628	554	763
12	MCL LAJKURA	G15	7496	3668	3375	3457	3235	211	139
13	MCL SARDEGA	G14	19688	3094	2891	3255	2832	-161	59
14	PAKRI BARWADIH	G9	189351	4872	4651	4574	4256	297	395
15	MCL BELPAHAR	G14	3944	3027	2858	3432	3254	-405	-396
16	PAKRI BARWADIH	G9	86914	5189	4885	4865	4453	324	431
17	MCL BELPAHAR	G14	30491	3167	2923	3172	2843	-5	80
18	MCL LAJKURA	G15	17951	3511	3202	2710	2457	801	746
19	PAKRI BARWADIH	G9	30656	4569	4035	4299	3928	270	106
20	SECL KCHP	G7-G10	12908	2676	2485	2571	2261	105	223
21	MCL BELPAHAR	G14	21855	3791	3593	3262	2954	529	639
22	MCL LAJKURA	G15	22179	3518	3231	2961	2653	557	577
23	PAKRI BARWADIH	G9	81351	4727	4373	4295	3751	431	622
24	MCL ANANTA	G12	11654	3622	3339	3710	3483	-88	-143
25	MCL BALANDA	G12	27342	3959	3662	3355	3053	604	609
26	MCL BELPAHAR	G14	101658	3536	3328	3040	2681	496	647
27	MCL LAJKURA	G15	66016	3629	3352	3515	3123	114	229
28	MCL SARDEGA	G14	38330	3680	3416	3316	3030	364	386

29	NTPC TALAIPALI	G11/G12/G13	103513	3605	3240	3526	3251	79	-10
30	MCL ANANTA	G12	21990	3512	3231	3673	3311	-160	-80
31	MCL BALANDA	G12	10110	3352	3116	3242	2963	111	153
32	MCL BELPAHAR	G14	110578	3112	2895	3041	2805	72	90
33	MCL BHARATPUR	G12	10450	3826	3620	3429	3144	397	476
34	MCL LAJKURA	G15	33649	3406	3131	2962	2661	445	470
35	NTPC TALAIPALI	G11/G12/G13	100237	3730	3347	3704	3400	25	-53
36	PAKRI BARWADIH	G9	54873	4230	3988	4169	3854	61	134
37	SECL KATORA	G-8	123167	4986	4607	4912	4584	74	23
38	ECL PARASEA	G3	11949	5364	4976	5128	4879	236	98
39	ECL PURUSHOTTAMPUR	G5	7825	5857	5475	4863	4632	994	843
40	ECL SONEPUR BAJARI	G4	60968	5625	5370	5103	4818	522	552
41	MCL ANANTA	G12	39109	4076	3799	3856	3576	219	223
42	MCL BALANDA	G12	39334	3832	3588	3481	3249	351	339
43	MCL BELPAHAR	G14	34495	3472	3269	3301	3056	170	213
44	MCL BHARATPUR	G12	3702	4224	4054	3471	3176	753	877
45	MCL LAJKURA	G15	63455	3602	3352	3243	2960	359	392
46	NTPC TALAIPALI	G11/G12/G13	95036	3675	3336	3667	3427	9	-91
47	PAKRI BARWADIH	G9	99696	4373	4114	4038	3771	336	343
48	SECL KATORA	SC-II	55376	4971	4653	4910	4571	61	82
49	ECL DALURBAND	G4	26487	5941	5597	5428	5170	513	427
50	ECL JK NAGAR	G5	7802	4671	4304	4487	4237	184	66
51	ECL PARASCOLE	G3	3370	6187	5249	5080	4917	1107	332
52	ECL PARASEA	G5	19418	5209	4869	5451	5201	-242	-332
53	ECL PURUSHOTTAMPUR	G5	54868	5566	5223	4779	4469	786	754
54	ECL SONEPUR BAJARI	G4	25758	5892	5603	5270	5028	622	576
55	MCL ANANTA	G12	45050	4078	3777	3902	3681	176	96
56	MCL BALANDA	G12	34966	3689	3445	3582	3394	107	51
57	MCL BELPAHAR	G14	58744	3541	3304	3228	3010	314	293
58	MCL BHARATPUR	G12	7480	3569	3293	3231	3057	338	236
59	MCL LAJKURA	G15	51593	3328	3071	3095	2904	233	167
60	PAKRI BARWADIH	G9	113463	4669	4408	4440	4181	229	227
61	SECL KATORA	SC-II	42634	4746	4407	4790	4526	-44	-119
62	ECL PURUSHOTTAMPUR	G5	3821	5763	5371	4830	4561	933	810
63	MCL ANANTA	G12	3526	3908	3694	3855	3485	53	209
64	MCL BALANDA	G12	10537	4144	3885	3691	3327	453	558
65	MCL BELPAHAR	G14	38435	3109	2889	2911	2693	198	195
66	MCL BHARATPUR	G12	7527	3787	3559	3301	3048	485	511
67	MCL LAJKURA	G15	7796	3316	3043	3053	2789	263	254
68	NTPC TALAIPALI	G11/G12/G13	111953	3660	3333	3720	3454	-60	-121
69	PAKRI BARWADIH	G9	91609	4547	4310	4264	4017	283	293
70	SECL KATORA	SC-II	7969	4554	4183	4451	4241	102	-58

71	ECL BELBAID	G4	11812	4995	4647	4626	4265	369	381
72	ECL JAMBAD	G4	6943	4530	4253	4140	3586	389	667
73	ECL JK NAGAR	G4	3964	4587	4109	4292	4087	295	22
74	ECL PARASCOLE	G3	10953	5737	4897	5364	5123	373	-226
75	ECL PARASEA	G3	3753	5020	4742	5189	4651	-168	90
76	ECL PURUSHOTTAMPUR	G5	11329	5601	5253	4595	4400	1007	854
77	ECL SONEPUR BAJARI	G4	22740	5681	5374	5392	4936	290	437
78	MCL ANANTA	G12	7392	3781	3553	3495	3234	286	319
79	MCL BALANDA	G12	20630	4147	3918	3738	3538	409	380
80	MCL BELPAHAR	G14	89236	3433	3213	3227	3021	206	192
81	MCL LAJKURA	G15	67891	3924	3743	3849	3541	75	202
82	NTPC TALAIPALI	G11/G12/G13	36715	3759	3446	3730	3476	29	-29
83	SECL KATORA	SC-II	7735	4453	4198	4583	4343	-130	-146
84	BCCL KESHARGARH	WIV	28681	4924	4823	5145	4988	-221	-165
85	BCCL SENDRA BANSJORA	WIV	18378	5126	5069	4022	3860	1104	1209
86	BCCL SIJUA	WIV	18603	5689	5517	4556	3765	1133	1751
87	ECL BELBAID	G4	15476	5131	4766	4787	4440	344	326
88	ECL DALURBAND	G4	85201	5780	5625	5485	5133	295	493
89	ECL JAMBAD	G4	3905	4035	3782	4455	4148	-420	-366
90	ECL NIMCHA	G5	11510	4869	4552	4579	4265	290	287
91	ECL PARASEA	G4	19161	5296	4926	5194	4998	103	-72
92	ECL PURUSHOTTAMPUR	G5	22251	5823	5443	4918	4489	905	954
93	ECL SELECTED SAMLA	G4-G7	4103	4683	4552	4023	3866	660	686
94	ECL SONEPUR BAJARI	G4	10639	5862	5668	5495	5213	367	455
95	MCL BALANDA	G12	17634	3760	3537	3444	3185	317	352
96	MCL BELPAHAR	G14	109310	3556	3319	3142	2882	415	438
97	MCL LAJKURA	G15	117337	3645	3390	3340	3042	304	349
98	MCL LINGARAJ	G13	7204	4273	3928	4282	3952	-10	-24
99	NTPC TALAIPALI	G11/G12/G13	108373	3554	3272	3654	3359	-100	-87
100	BCCL KESHARGARH	WIV	14465	5446	5349	4895	4793	552	555
101	BCCL SENDRA BANSJORA	WIV	36966	5446	5373	3796	3680	1650	1693
102	ECL BELBAID	G4	8086	3935	3622	3563	3388	372	235
103	ECL DALURBAND	G4	19112	6004	5868	5314	5111	689	756
104	ECL JK NAGAR	G4	4019	4482	4112	4197	4062	285	50
105	ECL NIMCHA	G5	3820	5275	4918	4346	4148	928	770
106	ECL PARASCOLE	G3	8160	5438	4689	5059	4887	379	-199
107	ECL PURE SITALPUR	G3	3967	5553	5313	5402	5011	152	302
108	ECL PURUSHOTTAMPUR	G5	4066	5919	5654	4860	4565	1059	1089
109	ECL SELECTED SAMLA	G4-G7	19400	5713	5415	3267	3063	2445	2351
110	ECL SONEPUR BAJARI	G4	10060	5955	5812	5673	5506	282	306
111	MCL ANANTA	G12	27689	3799	3552	3252	3070	547	482
112	MCL BALANDA	G12	20936	3391	3197	2967	2793	424	404

113	MCL BELPAHAR	G14	11289	3301	3092	2831	2477	470	616
114	MCL BELPAHAR	G14	42048	3543	3369	2782	2598	762	771
115	MCL BHARATPUR	G12	15237	3412	3231	3166	2995	246	236
116	MCL DB COLLIERY	G13	3313	3457	3281	3146	2992	311	288
117	MCL LAJKURA	G15	30177	3856	3655	3924	3637	-68	18
118	MCL LINGARAJ	G13	40292	3527	3299	3406	3221	121	78
119	NTPC TALAIPALI	G11/G12/G13	126230	3627	3364	3587	3372	40	-7
120	PAKRI BARWADIH	G9	51470	4820	4636	4565	4380	254	256
121	SECL KATORA	SC-II	15388	4611	4355	4711	4533	-100	-179
122	BCCL SENDRA BANSJORA	WIV	3876	5462	5297	3822	3755	1640	1542
123	ECL NIMCHA	G5	3898	5053	4696	4989	4718	64	-23
124	ECL PURUSHOTTAMPUR	G5	3790	5845	5492	5352	4912	493	580
125	ECL SELECTED SAMLA	G4-G7	4002	5611	5383	3339	3054	2272	2328
126	MCL ANANTA	G12	11805	4086	3831	3670	3377	415	454
127	MCL BALANDA	G12	48988	3785	3600	3544	3226	240	374
128	MCL BALARAM	G13	16738	4000	3792	3107	2840	893	952
129	MCL BELPAHAR	G14	34417	2837	2626	2911	2681	-74	-55
130	MCL BELPAHAR	G14	86522	3240	3032	2976	2736	264	297
131	MCL BHARATPUR	G12	7576	3251	3064	2997	2694	254	370
132	MCL DB COLLIERY	G13	3471	3564	3320	3427	2963	137	357
133	MCL LAJKURA	G15	30540	3295	3019	3435	3325	-140	-306
134	MCL LINGARAJ	G13	21456	3571	3339	3070	2815	501	525
135	NTPC TALAIPALI	G11/G12/G13	109122	3661	3315	3606	3340	54	-25
136	PAKRI BARWADIH	G9	225962	4902	4723	4442	4113	460	610
137	SECL KATORA	G-8	11960	4620	4295	4330	4058	289	237
138	BCCL KESHARGARH	WIV	3717	5014	4876	4534	4216	480	661
139	BCCL SIJUA	WIV	8095	5523	5348	4148	3685	1374	1663
140	ECL CHINAKURI	G5	3903	4739	4404	4566	4244	173	160
141	ECL CHITRA	G8	7668	3550	3299	3532	3252	18	47
142	ECL JAMBAD	G4	3948	4894	4598	4428	3781	466	816
143	ECL NIMCHA	G5	7603	5701	5281	4971	4473	730	808
144	ECL PARASCOLE	G3	3753	5412	4451	4926	4302	486	149
145	ECL PARASEA	G4	7374	5848	5384	5005	4488	843	895
146	ECL PURE SITALPUR	G3	3856	6055	5739	4124	3583	1932	2156
147	ECL PURUSHOTTAMPUR	G5	15779	5530	5217	4532	3998	998	1219
148	ECL SONEPUR BAJARI	G4	7331	5928	5537	5457	4597	471	940
149	MCL ANANTA	G12	31420	4092	3819	3398	3008	695	811
150	MCL BALANDA	G12	61761	3785	3535	3409	2959	376	576
151	MCL BELPAHAR	G14	124502	3223	3020	2898	2620	325	400
152	MCL BHARATPUR	G12	14707	3502	3276	3440	3023	62	252
153	MCL DB COLLIERY	G13	6409	4051	3818	3761	3360	291	458
154	MCL LINGARAJ	G13	45973	3599	3338	3264	2998	334	340

155	NTPC TALAIPALI	G11/G12/G13	50243	3471	3100	3450	3139	20	-39
156	PAKRI BARWADIH	G9	137867	4741	4520	4419	3976	322	544
157	SECL KATORA	SC-II	44306	4611	4199	4402	3941	209	258
158	BCCL DAMAGORIA	WIV	3429	5713	5476	4844	4712	869	764
159	BCCL KHANUDIH	WIV	3413	5076	4984	5074	4817	2	167
160	BCCL KUSTORE	WIV	3602	5700	5393	3391	3196	2309	2197
161	BCCL KUSUNDA	WIV	15300	5784	5725	4283	3959	1502	1766
162	BCCL SIJUA	WIV	6885	5620	5437	4205	3894	1414	1543
163	ECL BELBAID	G4	3806	5773	5327	4223	3448	1550	1879
164	ECL NIMCHA	G5	3820	6099	5648	4862	4406	1237	1242
165	ECL PARASEA	G4	3148	6145	5670	5276	4646	869	1024
166	ECL PENDRA	G5	3400	5311	5097	3197	2873	2114	2224
167	ECL SONEPUR BAJARI	G4	6868	6147	5858	5618	5033	529	825
168	MCL ANANTA	G12	14575	4069	3744	3365	3023	704	722
169	MCL BALANDA	G12	48855	4095	3817	3788	3409	307	408
170	MCL BALARAM	G13	7574	3349	3061	2724	2446	625	615
171	MCL BELPAHAR	G14	75487	3529	3282	3063	2806	465	476
172	MCL BHARATPUR	G12	6498	3582	3346	3194	2805	388	541
173	MCL DB COLLIERY	G13	16717	4211	3897	4071	3627	140	270
174	MCL LAJKURA	G15	49952	3281	3007	3106	2874	175	133
175	MCL LINGARAJ	G13	68106	3728	3446	3119	2791	609	655
176	MCL SARDEGA	G13	36468	3183	2921	3192	2928	-9	-6
177	NTPC TALAIPALI	G11/G12/G13	55754	3675	3306	3581	3293	93	13
178	PAKRI BARWADIH	G9	35343	4418	4220	4431	4055	-13	165
179	SECL KATORA	SC-II	39208	4419	4049	4276	3937	143	112
180	WCL PANDHAR PAWNI	G12	10897	4195	3929	2899	2618	1296	1311
181	WCL UMRED	G12	8616	4273	3807	4151	3675	122	132
182	WCL WANI	G11	53191	4626	4257	3558	3145	1068	1112
183	ECL BONJEMEHARY	G7	3853	2845	2706	2471	2384	374	322
184	ECL JAMBAD	G4	3641	5463	5120	4642	4201	821	920
185	MCL ANANTA	G12	21355	3646	3400	3013	2768	633	632
186	MCL BALANDA	G12	85860	4155	3901	3728	3432	426	469
187	MCL BALARAM	G13	10307	3076	2871	3223	3014	-147	-143
188	MCL BELPAHAR	G14	135469	3256	3067	3099	2848	157	219
189	MCL BHARATPUR	G12	11303	3059	2874	3073	2861	-14	13
190	MCL DB COLLIERY	G13	25010	4033	3744	3510	3251	523	493
191	MCL LAJKURA	G15	19321	3146	2833	3175	2988	-29	-155
192	MCL LINGARAJ	G13	30187	3711	3436	3098	2901	613	535
193	MCL SARDEGA	G13	100087	3396	3125	3283	3040	113	85
194	NTPC TALAIPALI	G11/G12/G13	32296	3542	3222	3623	3349	-81	-127
195	SECL KATORA	G-8	42789	4457	4062	4209	3936	248	126
196	WCL PANDHAR PAWNI	G12	42533	3816	3502	2795	2542	1020	960
197	WCL WANI	G11	121701	4638	4290	3464	3102	1174	1188

198	ECL BELBAID	G4	7608	4092	3675	2397	2125	1694	1550
199	ECL DALURBAND	G4	3825	6051	5760	4447	4116	1604	1644
200	ECL PURE SITALPUR	G3	3874	5043	4788	5055	4804	-12	-16
201	ECL PURUSHOTTAMPUR	G4	15414	5975	5637	5351	5103	624	533
202	MCL ANANTA	G12	11439	3703	3409	3076	2907	627	501
203	MCL BALANDA	G12	36613	3856	3573	3786	3475	70	97
204	MCL BALARAM	G13	11918	3810	3570	3539	3278	270	292
205	MCL BELPAHAR	G14	99281	3407	3199	2865	2671	542	528
206	MCL BHARATPUR	G12	18867	3089	2893	2883	2659	206	234
207	MCL DB COLLIERY	G13	10957	3905	3610	4026	3736	-121	-126
208	MCL LAJKURA	G15	29783	3959	3705	3936	3670	23	36
209	MCL LINGARAJ	G13	87711	3569	3296	3179	2885	389	412
210	MCL SARDEGA	G13	73731	3541	3245	3209	2976	332	268
211	NTPC TALAIPALI	G11/G12/G13	25739	3517	3169	3477	3216	39	-48
212	SECL KATORA	SC-II	36183	4315	3905	4008	3752	307	153
213	WCL PANDHAR PAWNI	G12	3932	3498	3243	3365	3059	133	185
214	WCL WANI	G11	8137	4453	4005	3416	3048	1037	957
215	ECL JAMBAD	G4	3522	5260	4967	3680	3448	1579	1519
216	ECL PENDRA	G5	3514	4163	4036	3029	2961	1134	1075
217	ECL PURE SITALPUR	G3	17646	5432	5167	4715	4473	716	694
218	ECL PURUSHOTTAMPUR	G4	7542	6097	5772	5164	5055	933	718
219	ECL SELECTED SAMLA	G4-G7	7800	6099	5779	2970	2876	3130	2903
220	ECL SONEPUR BAJARI	G4	10380	6078	5816	5435	5164	643	652
221	MCL ANANTA	G12	17816	3800	3547	3444	3231	356	317
222	MCL BALANDA	G12	23595	4126	3865	3773	3537	353	328
223	MCL BALARAM	G13	14831	3707	3501	3259	3076	448	425
224	MCL BELPAHAR	G14	137522	3575	3360	3344	3174	231	186
225	MCL BHARATPUR	G12	3703	3737	3487	4201	4056	-464	-568
226	MCL DB COLLIERY	G13	16776	3692	3544	2657	2567	1035	977
227	MCL LAJKURA	G15	60372	3450	3176	3038	2878	413	298
228	MCL LINGARAJ	G13	54893	3689	3471	3196	3064	493	407
229	MCL SARDEGA	G14	61011	3639	3353	3270	3090	369	264
230	NTPC TALAIPALI	G11/G12/G13	44324	3642	3303	3624	3450	18	-147
231	SECL KATORA	G-8	23447	4496	4194	4233	4056	262	138
232	MCL KANIKA	G14	49662	0	0	3059	2778	-3059	-2778
233	ECL JAMBAD	G4	7644	5333	5045	4292	4034	1041	1011
234	ECL JK NAGAR	G4	3743	6254	5787	4193	3975	2062	1812
235	ECL PURE SITALPUR	G3	7307	5491	5325	5032	4852	459	473
236	ECL PURUSHOTTAMPUR	G4	10802	5387	5028	4449	4309	938	719
237	ECL SELECTED SAMLA	G4-G7	19511	6019	5713	2932	2826	3087	2887
238	MCL ANANTA	G12	17971	3622	3368	2916	2746	705	622
239	MCL BALANDA	G12	10007	3990	3716	4211	3933	-221	-217

240	MCL BALARAM	G13	7551	3066	2849	3428	3256	-362	-408
241	MCL BELPAHAR	G14	122259	3422	3209	3222	3004	200	205
242	MCL BHARATPUR	G12	17488	3253	3083	3040	2874	213	209
243	MCL DB COLLIERY	G13	20595	3806	3552	3408	3189	398	363
244	MCL LAJKURA	G15	94508	3635	3393	3492	3255	143	139
245	MCL LINGARAJ	G13	9979	3639	3433	3817	3651	-178	-217
246	NTPC TALAIPALI	G11/G12/G13	32578	3714	3344	3566	3359	147	-15
247	SECL JUNADIH	G8	3768	3578	3319	3576	3461	2	-142
248	MCL KANIKA	G13/14	78262	3367	3085	3330	3216	37	-131
249	ECL BELBAID	G4	7276	4914	4577	2455	2277	2459	2300
250	ECL PARASCOLE	G3	3911	4395	3767	3443	3145	952	621
251	ECL PARASEA	G4	4083	4569	4180	3865	3500	703	680
252	ECL PURUSHOTTAMPUR	G4	3830	5051	4724	2796	2573	2255	2151
253	MCL ANANTA	G12	14474	3487	3175	2861	2674	625	501
254	MCL BALANDA	G12	9446	3869	3595	3033	2802	836	793
255	MCL BALARAM	G13	29544	3849	3610	3225	2990	624	620
256	MCL BELPAHAR	G14	209125	3490	3257	3330	3094	160	164
257	MCL DB COLLIERY	G13	20725	3858	3632	2942	2786	916	847
258	MCL LAJKURA	G15	101111	3120	2906	3063	2820	56	86
259	NTPC TALAIPALI	G11/G12/G13	109525	3657	3331	3576	3342	81	-12
260	NTPC TALAIPALI	G11/G12/G13	8036	3370	3092	3348	3172	22	-80
261	MCL KANIKA	G13/14	98968	3265	3011	3057	2948	209	63
262	ECL DALURBAND	G4	22140	5550	5285	4911	4563	639	723
263	ECL PARASCOLE	G3	12145	5295	4455	4235	3953	1060	502
264	ECL PARASEA	G4	7841	5201	4885	4206	3999	994	887
265	ECL PURE SITALPUR	G3	11791	6316	5983	4741	4386	1575	1596
266	ECL PURUSHOTTAMPUR	G4	3805	6025	5546	5121	4632	904	914
267	ECL SELECTED SAMLA	G4-G7	7548	4680	4294	3763	3564	918	731
268	MCL BALANDA	G12	10710	3944	3623	3761	3401	183	221
269	MCL BELPAHAR	G14	186645	3511	3253	3090	2796	421	457
270	MCL BHARATPUR	G12	3724	4402	4076	4055	3693	347	382
271	MCL DB COLLIERY	G13	4000	3987	3725	2873	2654	1114	1072
272	MCL LAJKURA	G15	245695	3903	3607	3588	3182	314	425
273	MCL LINGARAJ	G13	3328	3595	3453	2607	2409	988	1044
274	NTPC TALAIPALI	G11/G12/G13	3070	3521	3233	3462	3120	59	113
275	MCL KANIKA	G13/14	102599	3554	3253	2853	2720	700	533
276	MCL ANANTA	G12	6566	3692	3368	2719	2542	973	826
277	MCL BALANDA	G12	12886	3891	3633	4220	3913	-329	-280
278	MCL BALARAM	G13	6943	3532	3306	2991	2790	541	516
279	MCL BELPAHAR	G14	88761	3578	3332	3256	3002	322	329
280	MCL BHARATPUR	G12	17421	3489	3268	3004	2827	485	441
281	MCL DB COLLIERY	G13	6915	3979	3760	3319	3155	660	605

282	MCL LAJKURA	G15	251014	3328	3077	2958	2703	370	374
283	MCL LINGARAJ	G13	3012	3705	3452	3058	2856	647	596
284	NTPC TALAIPALI	G11/G12/G13	2147	3354	3036	3334	3086	20	-50
285	MCL KANIKA	G13/14	166289	3533	3271	3147	3037	386	233
286	ECL NIMCHA	G5	3994	5883	5331	4286	4041	1597	1290
287	ECL PARASCOLE	G3	3910	3402	2900	2434	2266	968	634
288	ECL PARASEA	G4	3791	4812	4410	3219	2959	1594	1451
289	ECL PENDRA	G7	3858	3350	3212	2583	2441	767	771
290	MCL BELPAHAR	G14	47689	3655	3431	3200	2968	455	462
291	MCL LAJKURA	G15	199031	3427	3213	2832	2575	595	638
292	NTPC TALAIPALI	G11/G12/G13	63	3423	3240	2973	2704	450	537
293	MCL KANIKA	G13/14	140116	3746	3481	2897	2794	849	687

**DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING
LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING
END**

Name of Generating Station: Khargone
Name of Company: NTPC Ltd
Sampling methodology adopted for station : As per tripartite/ bilateral agreement with CIMFR
Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR
Date of Fuel Supply Agreement :
Annual Contracted Quantity (as per FSA): 3.34 MMT
Mode of transport Rail

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Oct'19	PAKRI	G9	36034	4782	4468	4308	4033	474	435
2	Nov'19	PAKRI	G9	83328	4972	4630	4619	4387	353	243
3	Dec'19	PAKRI	G9, G10	136286	4788	4450	4357	4056	431	394
4	Dec'19	NCL	G10	44927	4419	4052	3804	3537	615	515
5	Jan'20	PAKRI	G9	19990	5031	4672	4540	4227	491	445
6	Feb'20	PAKRI	G9, G10	19990	5032	4673	4540	4226	492	446
7	Feb'20	NCL	G10	64413	4531	4099	3805	3486	726	613
8	Mar'20	PAKRI	G9, G11	167130	4844	4529	4279	4004	565	525
9	Mar'20	NCL	G11	16209	4403	4004	3880	3700	523	304
10	Apr'20	PAKRI	G9, G12	59715	5263	5054	4289	3958	974	1095
11	Apr'20	NCL	G10	4118	4555	4093	3516	3344	1039	749
12	May'20	PAKRI	G8, G9, G10	47263	5089	4815	4351	3996	738	820
13	May'20	SECL	G8-G10	7916	4570	3410	3327	4088	1243	-678
14	Jun'20	SECL	G8	4005	4994	4491	4817	4513	177	-22
15	Jul'20	SECL	G8, G9, G10	7644	5144	4670	4397	3967	747	703
16	Aug'20	NCL	G9-G13	16152	4929	4518	4648	4061	281	457
17	Aug'20	SECL	G6-G11	42919	4870	4375	4383	3953	486	422
18	Sep'20	NCL	G6, G8, G9, G10, G14	77741	4736	4354	4166	3725	570	629

19	Sep'20	SECL	G8-G10	3757	4950	4577	3736	3264	1214	1313
20	Oct'20	NCL	G8, G10, G11	125892	4625	4265	4167	3840	458	425
21	Nov'20	NCL	G8, G10, G12	125892	4621	4264	4074	3763	546	501
22	Nov'20	PAKRI	G9	71065	4389	4127	4113	3868	276	259
23	Dec'20	NCL	G8, G10, G13	190100	4249	3862	3712	3450	537	412
24	Dec'20	PAKRI	G9	23759	4581	4309	4542	4262	39	47
25	Dec'20	SECL	G9, G11	11464.5	5046	4690	4498	4106	548	584
26	Jan'21	NCL	G6, G8, G9, G10, G13	424364	4411	4031	4161	3779	249	252
27	Feb'21	NCL	G6, G8, G9, G10, G13	265745	4263	3879	3847	3501	416	377
28	Feb'21	SECL	G7-G10	15430	4762	4294	4269	3959	493	335
29	Mar'21	NCL	G8, G9, G10, SC-II	336263	4529	4137	4325	3999	205	138
30	Mar'21	SECL	G8-G10	65339	4530	4264	4512	4206	18	59
31	Apr'21	PAKRI	G9	35310	4744	4569	4477	4249	267	320
32	Apr'21	NCL	G8, G10, G11	169760	4057	3688	3677	3472	380	215
33	Apr'21	SECL	G6-G8	34645	4790	4475	4265	4003	525	472
34	May'21	PAKRI	G9	4048	4736	4345	4645	4342	91	3
35	May'21	NCL	G8, G10, G11	82840	4170	3801	3647	3328	523	473
36	May'21	SECL	G8-G10	38997	4807	4471	3969	3815	839	656
37	Jun'21	PAKRI	G9	108392	5020	4847	4492	4279	528	568
38	Jun'21	NCL	G8, G10, G11	70277	3840	3503	3593	3346	247	156
39	Jun'21	SECL	G8-G10	11652	4635	4303	4255	4043	380	260
40	Jul'21	NCL	G8, G10, G11	20165	4296	3885	3647	3291	649	594
41	Aug'21	NCL	G8, G10, G12	31853	4273	3840	3824	3327	448	513
42	Sep'21	PAKRI	G9	118648	4708	4416	4268	3926	440	491
43	Sep'21	NCL	G8, G10, G11	59351	4538	4197	4280	3785	257	412
44	Sep'21	SECL	G8-G10	39880	3716	3378	3449	3131	267	247
45	Oct'21	PAKRI	G9	7888	5081	4800	4410	4080	671	720
46	Oct'21	NCL	G7, G8, G10, G11	254665	4646	4284	4307	3874	339	409
47	Oct'21	SECL	G8-G10	45303	4857	4434	4301	3900	555	534
48	Nov'21	PAKRI	G9	11839	4655	4454	4313	4029	343	425
49	Nov'21	NCL	G9, G10, G13	254235	4655	4318	4085	3733	570	585
50	Nov'21	SECL	G8-G10	80995	4086	3797	4084	3831	2	-34
51	Dec'21	PAKRI	G9	15520	4507	4295	4524	4149	-17	145
52	Dec'21	NCL	G8, G10, G11	256645	4372	4046	3608	3322	764	724
53	Dec'21	SECL	G8-G10	55014	4864	4507	4756	4417	108	90

54	Jan'22	PAKRI	G9	35813	4738	4429	4681	4373	57	55
55	Jan'22	NCL	G8, G10, G11, G13	168175	4632	4292	3900	3561	732	731
56	Jan'22	SECL	G8-G10	56036	4698	4275	4544	4212	154	63
57	Feb'22	PAKRI	G9	33321	4416	4153	4559	4235	-143	-82
58	Feb'22	NCL	G8, G10, G11	183681	4543	4196	3916	3601	627	595
59	Feb'22	SECL	G8-G10	61825	4545	4169	4265	3996	280	173
60	Mar'22	PAKRI	G9	4088	4471	4319	4300	3979	171	340
61	Mar'22	NCL	G8, G10, G11	215489	4549	4146	4001	3709	548	437
62	Mar'22	SECL	G8-G10	61309	4381	4064	4404	4156	-23	-92

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS - DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END									
Name of Generating Station:			NTPC Gadawara						
Name of Company:			NTPC Ltd						
Financial year :			2019-2020						
Sampling Methodology adopted for station:			As Per IS 436 P1						
Sampling standards (BIS) followed :			IS 436 P1						
Date of Fuel Supply Agreement :			WCL(09.01.2019,04.03.2020), NCL (30.06.2020,06.07.2021), SECL(11.05.2019,26.05.2021)						
Annual Contracted Quantity (as per FSA):			63,30,000 MT						
SR NO	SOURCE OF COAL	DECLARED GRADE OF COAL MINE	QUANTITY (MT)	GCV MEASURED AT		GCV MEASURED AT		DIFFERENCE (Kcal/Kg)	
				EM BASIS	TM BASIS	EM BASIS	TM BASIS	EM BASIS	TM BASIS
1	Singareni Manuguru colliery	G13	4006.90	3641	3369	3092	2820	549	549
2	Singareni OCP-3 CHP colliery	G11	4061.30	4226	4066	4070	3705	156	361
3	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3916.20	5010	4590	3336	3003	1674	1587
4	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3883.80	5140	4708	3766	3474	1374	1234
5	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3772.10	4910	4492	2867	2627	2043	1865
6	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3785.7	4840	4391	2889	2677	1951	1714
7	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4036.8	4650	4213	2946	2749	1704	1464
8	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3787.9	5290	4835	3969	3728	1321	1107
9	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4035.8	4780	4342	3073	2809	1707	1533
10	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3981.8	4500	4090	3190	2970	1310	1120
11	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3885.6	5000	4546	3496	3299	1504	1247
12	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3749.9	4990	4990	3156	2955	1834	2035
13	Singareni GXSG CHP colliery	G11	4052.10	3942	3764	3488	3220	454	544
14	Singareni GXSG CHP colliery	G11	4067.10	3871	3716	3856	3570	15	146
15	Singareni GXSG CHP colliery	G11	4062.30	4001	3832	3755	3389	246	443
16	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3958.4	4550	4131	3533	3276	1017	855
17	Singareni GXSG CHP colliery	G11	4062.5	4061	3874	3505	3253	556	621
18	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4082.6	4630	4209	3587	3216	1043	993
19	Singareni GXSG CHP colliery	G11	3959.7	3806	3599	3610	3252	196	347
20	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3920.1	4990	4543	3359	3062	1631	1481
21	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3962.2	4720	4331	3663	3404	1057	927
22	Singareni GXSG CHP colliery	G11	4069.7	4130	4043	3749	3515	381	528
23	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3899.4	4730	4259	2873	2612	1857	1647
24	Singareni Manuguru colliery	G9	4083.5	3101	2888	2826	2618	275	270
25	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4021.7	4680	4245	3240	3062	1440	1183
26	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4067.0	5050	4580	3474	3239	1576	1341
27	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3768.5	5130	4629	3897	3594	1233	1035
28	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3724.1	4780	4335	2676	2468	2104	1867
29	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3374.2	4280	3878	4131	3882	149	-4
30	NCL Jayant Dvt SSTPS	G10	3832.0	4180	3747	3671	3364	509	383
31	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3911.4	5230	4794	3054	2838	2176	1956

32	Singareni Manuguru colliery	G9	4059.3	3530	3267	3447	3181	83	86
33	Singareni Manuguru colliery	G9	3764.5	3719	3409	3091	2819	628	590
34	Singareni Manuguru colliery	G9	4077.9	3354	3070	2935	2677	419	393
35	Singareni Manuguru colliery	G9	3843.3	5493	5048	4597	4203	896	845
36	Singareni Manuguru colliery	G9	3413.1	3060	2802	2747	2525	313	277
37	Singareni Manuguru colliery	G9	3796.6	3611	3333	2927	2674	684	659
38	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4047.8	4980	4559	3024	2812	1956	1747
39	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3891.8	5100	4600	2704	2463	2396	2137
40	Singareni Manuguru colliery	G9	4135.7	3364	3152	3093	2858	271	294
41	Singareni Manuguru colliery	G9	3980.6	4819	4464	3020	2809	1799	1655
42	Singareni OCP-3 CHP colliery	G13	4061.3	4181	4022	3250	2973	931	1049
43	Singareni OCP-3 CHP colliery	G13	4044.5	4465	4319	4011	3874	454	445
44	Singareni Manuguru colliery	G9	4099.0	4766	4446	3063	2773	1703	1673
45	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3827.9	4840	4366	3770	3464	1070	902
46	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4071.6	4600	4181	2906	2651	1694	1530
47	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3913.8	4820	4357	2074	1852	2746	2505
48	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3763.4	4750	4278	3099	2855	1651	1423
49	Pakri Barwadih	G9	3998.0	4600	4357	4039	3623	561	734
50	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3854.2	4590	4245	4725	4484	-135	-239
51	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3975	4490	4138	3404	3178	1086	960
52	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3826.4	4500	4142	3323	3105	1177	1037
53	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3907.7	4740	4354	2941	2708	1799	1646
54	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3822.88	4420	4123	3346	3056	1074	1067
55	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3925.2	4940	4513	2343	2144	2597	2369
56	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3842.3	4850	4451	3610	3318	1240	1133
57	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3779	5010	4582	4040	3762	970	820
58	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3917.9	4580	4171	3817	3590	763	581
59	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3770.5	4690	4285	3656	3487	1034	798
60	Pakri Barwadih	G9	3929.6	4830	4539	4457	4078	373	461
61	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3797.1	4770	4338	3637	3361	1133	977
62	Pakri Barwadih	G9	3872.1	5180	4952	4144	3725	1036	1227
63	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3980.2	4100	3757	3034	2856	1066	901
64	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3886.4	5050	4669	3222	3019	1828	1650
65	Pakri Barwadih	G9	4034.4	5050	4796	4683	4273	367	523
66	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3618.7	4720	4340	4558	4354	162	-14
67	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4134.2	4360	3983	2866	2627	1494	1356
68	Pakri Barwadih	G9	4046.8	4690	4403	4126	3784	564	619
69	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3813.6	4270	3879	2919	2686	1351	1193
70	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3807.8	4290	3929	2579	2348	1711	1581
71	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3889.2	4520	4157	3695	3424	825	733
72	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3751.4	4090	3728	2669	2436	1421	1292
73	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3643	4360	3954	3677	3446	683	508
74	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3682.5	4190	3808	2973	2747	1217	1061
75	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3865.2	4300	3915	2978	2704	1322	1211

76	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3543.8	4840	4455	2670	2452	2170	2003
77	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3768.4	5170	4779	2566	2342	2604	2437
78	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3606	4730	4368	2469	2265	2261	2103
79	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3542.7	4870	4486	2754	2508	2116	1978
80	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3610	4870	4469	3032	2802	1838	1667
81	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3677.8	4570	4161	2572	2322	1998	1839
82	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3627.2	4610	4220	2798	2562	1812	1658
83	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3578.4	5180	4722	2539	2334	2641	2388
84	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4074.8	4870	4414	3320	3074	1550	1340
85	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3950.9	5050	4596	2849	2590	2201	2006
86	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4107.2	4980	4531	3623	3253	1357	1278
87	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3799.6	5220	4751	2769	2528	2451	2223
88	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3844.5	5080	4648	4409	4196	671	452
89	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4123.4	4910	4542	2945	2645	1965	1897
90	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3983.8	5010	4594	2522	2267	2488	2327
91	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3958.6	4560	4204	3769	3530	791	674
92	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3813.80	5270	4824	3611	3357	1659	1467
93	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3959.4	4830	4413	3925	3607	905	806
94	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3982.0	4830	4413	3097	2801	1733	1612
95	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3884.2	5000	4568	3020	2769	1980	1799
96	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3918.8	4630	4217	3413	3060	1217	1157
97	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3978.4	4430	4044	4061	3616	369	428
98	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3960.6	4700	4289	2918	2556	1782	1733
99	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3696.7	4700	4193	2778	2463	1922	1730
100	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3826.8	4530	4051	3289	2966	1241	1085
101	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4108.4	4670	4257	2816	2489	1854	1768
102	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4077.0	4280	3914	3416	3085	864	829
103	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3823.3	4850	4406	2731	2466	2119	1940
104	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3846.0	4690	4279	3639	3341	1051	938
105	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3977.3	4960	4451	2937	2609	2023	1842
106	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4143.6	4600	4160	3212	2879	1388	1281
107	NCL -Dudhichua Wharfwal Dvt Rihand	G10	4216.8	4440	3976	3709	3327	731	649
108	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3891.2	4880	4402	4445	4081	435	321
109	Wani North/Diverted from Mouda	G11	3718.4	4831	4501	3708	3369	1123	1132
110	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3953.6	4560	4058	3234	2916	1326	1142
111	Wani North/Diverted from Mouda	G11	3883.3	4454	4107	4163	3720	291	387
112	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3990.4	4650	4149	3537	3109	1113	1040
113	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3978.8	4640	4129	4043	3631	597	498
114	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3998.6	4650	4133	3529	3080	1121	1053
115	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3806.1	4590	4151	3682	3362	908	789
116	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3973	4820	4359	3495	3158	1325	1201
117	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3715.9	3110	2784	3481	3109	-371	-325
118	NCL -Dudhichua Wharfwal Dvt Rihand	G10	3968.2	4950	4432	4566	4093	384	339
119	MCL Sardegna	G13	3763.8	2236	1995	1921	1639	315	356

120	MCL Sardegna	G13	3666.02	2754	2447	2747	2329	7	118
121	NCL-DCH Silo Dvt Mouda	G10	3948.26	4930	4432	3775	3210	1155	1222
122	NCL DCH Silo Dvt SSTPS	G10	3625.8	4950	4432	3996	3534	954	898
123	NCL-DCH silo Dvt Mouda	G10	4053.5	4360	3921	3694	3229	666	692
124	NCL DCH Silo Dvt SSTPS	G10	3858.1	4310	3897	4536	3986	-226	-89
125	NCL -Dudhichua Wharfwall SSTPS	G10	3944.9	4770	4304	3236	2888	1534	1416
126	NCL DCH Silo Dvt SSTPS	G10	3986.3	4630	4169	3843	3407	787	762
127	NCL DCH Silo Dvt SSTPS	G10	3762.3	4840	4382	4045	3597	795	785
128	NCL DCH Silo Dvt SSTPS	G10	4126.4	5000	4471	4042	3544	958	927
129	NCL DCH Silo Dvt SSTPS	G10	3976.5	4960	4508	3987	3555	973	953
130	NCL DCH Silo Dvt SSTPS	G10	3807.7	4720	4343	3556	3159	1164	1184
131	Wani Ukni Deep	G11	4068.9	4059	3701	3812	3415	247	286
132	Wani Ukni Deep	G11	4094.9	4159	3838	3980	3522	179	316
133	NCL DCH Silo Dvt SSTPS	G10	3893.98	4780	4269	4177	3628	603	641
134	NCL DCH Silo Dvt SSTPS	G10	3903.2	4350	3953	4008	3550	342	403
135	NCL DCH Silo Dvt SSTPS	G10	4049.6	4350	3953	4497	3963	-147	-10
136	NCL DCH Silo Dvt SSTPS	G10	3865.3	4720	4275	4338	3856	382	419
137	NCL DCH Silo Dvt SSTPS	G10	4070.9	4720	4275	4189	3719	531	556
138	Wani Ukni Deep	G11	4040	4502	4077	4211	3735	291	342
139	NCL DCH Silo Dvt SSTPS	G10	3808.9	4700	4251	4402	3954	298	297
140	NCL DCH Silo Dvt SSTPS	G10	3682.6	4830	4398	4492	3994	338	404
141	NCL DCH Silo Dvt SSTPS	G10	3941.3	4600	4158	3963	3512	637	646
142	NCL DCH Silo Dvt SSTPS	G10	4029.6	4520	4080	4711	4164	-191	-84
143	NCL DCH Silo Dvt Rihand	G10	3854.2	4680	4262	4661	4100	19	162
144	NCL DCH Silo Dvt Rihand	G10	4035.4	4340	3919	4240	3777	100	142
145	NCL DCH Silo Dvt Rihand	G10	3956.1	5020	4571	4390	3946	630	625
146	Pakri Barwadih Dvt Khargone	G9	3838.5	4860	4602	4098	3500	762	1102
147	NCL DCH Silo Dvt Rihand	G10	4071.6	4890	4461	3966	3578	924	883
148	Wani Ukni Deep	G10	4013.5	4006	3615	3106	2690	900	925
149	Wani Ukni Deep	G10	3874.1	4479	4138	3339	2962	1140	1176
150	Wani Ukni Deep	G10	3965.1	4700	4416	3168	2783	1532	1633
151	SECL Kumdanda siding	G11	3731.2	4150	-	3463	3149	687	
152	Wani Ukni Deep	G10	3515.3	4516	4287	4265	3864	251	423
153	Wani Ukni Deep	G10	4013.6	4497	4250	3769	3344	728	906
154	Wani Ukni Deep	G10	3934.1	4568	4268	4017	3621	551	647
155	Wani Ukni Deep	G10	3890.5	4486	4212	4103	3732	383	480
156	Pakri Barwadih Dvt Khargone	G9	3996.3	4470	4219	4518	3929	-48	290
157	NCL -Dudhichua Wharfwall SSTPS	G10	3839.3	4910	4476	3744	3443	1166	1033
158	NCL -Dudhichua Wharfwall SSTPS	G10	4153.4	4790	4364	3797	3518	993	846
159	NCL DCH Silo Dvt SSTPS	G10	4032.3	4740	4255	3505	3198	1235	1057
160	NCL -Dudhichua Wharfwall SSTPS	G10	4125.3	4830	4383	3822	3501	1008	882
161	NCL DCH Silo Dvt SSTPS	G10	4030.2	4540	4148	3324	3050	1216	1098
162	NCL DCH Silo Dvt SSTPS	G10	3938.9	4540	4148	4221	3845	319	303
163	NCL DCH Silo Dvt SSTPS	G10	4015.7	4710	4311	4323	3955	387	356

164	NCL DCH Silo Dvt SSTPS	G10	4125.2	4710	4311	4142	3778	568	533
165	NCL DCH Silo Dvt SSTPS	G10	4022.6	4580	4206	4084	3741	496	465
166	NCL DCH Silo Dvt SSTPS	G10	3997.6	4580	4206	3897	3538	683	668
167	Wani Ukni Deep	G11	3917.0	4573	4339	4027	3708	546	631
168	NCL -Dudhichua Wharfwal SSTPS	G10	3907.5	4580	4191	3960	3620	620	571
169	NCL -Dudhichua Wharfwal SSTPS	G10	3917.9	4670	4323	3808	3514	862	809
170	NCL -Dudhichua Wharfwal SSTPS	G10	4057.6	4370	4020	3720	3404	650	616
171	NCL -Dudhichua Wharfwal SSTPS	G10	3844.9	4320	4004	3560	3260	760	744
172	NCL -Dudhichua Wharfwal SSTPS	G10	3994.0	4460	4142	3484	3156	976	986
173	NCL -Dudhichua Wharfwal SSTPS	G10	3941.0	4670	4226	3978	3603	692	623
174	NCL -Dudhichua Wharfwal SSTPS	G10	4203.0	4550	4154	3309	3027	1241	1127
175	NCL -Dudhichua Wharfwal SSTPS	G10	4031.8	4490	4063	3152	2857	1338	1206
176	NCL DCH Silo Dvt SSTPS	G10	4009.8	4460	4084	4117	3715	343	369
177	NCL DCH Silo Dvt SSTPS	G10	4071.6	4670	4324	4070	3721	600	603
178	NCL -Dudhichua Wharfwal SSTPS	G10	4088.4	4810	4392	3080	2795	1730	1597
179	NCL DCH Silo Dvt SSTPS	G10	4025.4	4430	4043	4145	3804	285	239
180	NCL DCH Silo Dvt SSTPS	G10	3804.4	4420	4030	4071	3687	349	343
181	NCL DCH Silo Dvt SSTPS	G10	3972.7	5000	4537	4269	3861	731	676
182	NCL -Dudhichua Wharfwal SSTPS	G10	4119.1	4470	4136	4131	3761	339	375
183	NCL DCH Silo Dvt SSTPS	G10	3917.7	4480	4110	4094	3706	386	404
184	NCL Bina Extension(BCSK) Dvt SSTPS	WC	3897.8	4280	3927	4244	3802	36	125
185	NCL Bina Extension(BCSK) Dvt SSTPS	WC	4075.9	4220	3818	4062	3732	158	86
186	NCL DCH Silo Dvt SSTPS	G10	3762.1	5060	4633	4095	3735	965	898
187	NCL DCH Silo Dvt SSTPS	G10	4086.7	4600	4221	4177	3871	423	350
188	NCL DCH Silo Dvt SSTPS	G10	3949.7	4690	4256	4155	3794	535	462
189	NCL DCH Silo Dvt SSTPS	G10	4079.3	4880	4452	3884	3588	996	864
190	NCL DCH Silo Dvt SSTPS	G10	4082.3	4880	4452	4064	3699	816	753
191	NCL Bina Extension(BCSK) Dvt SSTPS	WC	4085.3	4550	4199	3624	3335	926	864
192	NCL -Dudhichua Wharfwal SSTPS	G10	4088.6	5090	4598	3794	3503	1296	1095
193	NCL DCH Silo Dvt SSTPS	G10	4084.5	4930	4474	3951	3670	979	804
194	NCL -Dudhichua Wharfwal SSTPS	G10	4006.4	4890	4424	3914	3655	976	769
195	NCL DCH Silo Dvt SSTPS	G10	4089.6	5120	4587	4374	4023	746	564
196	Pakri Barwadih	G9	3679.0	5010	4698	4324	3899	686	799
197	NCL Bina Extension(BCSK) Dvt SSTPS	WC	4083.9	4180	3782	4172	3879	8	-97
198	NCL Bina Extension(BCSK) Dvt SSTPS	WC	4082.2	4060	3686	3981	3678	79	8
199	NCL Bina Extension(BCSK) Dvt SSTPS	WC	4077.6	4430	4008	3978	3679	452	329
200	NCL Bina Extension(BCSK) Dvt SSTPS	WC	3860.8	4110	3681	4015	3722	95	-41
201	Pakri Barwadih	G9	3740.6	4080	3852	4242	4001	-162	-149
202	Pakri Barwadih	G9	3786.8	5090	4822	4178	3938	912	884
203	Pakri Barwadih	G9	3740.7	4620	4348	4251	4009	369	339
204	NCL Bina Extension(BCSK) Dvt SSTPS	WC	3785.5	4090	3690	4107	3842	-17	-152
205	Pakri Barwadih	G9	3986.9	4740	4397	4298	4123	442	274
206	NCL Bina Extension(BCSK) Dvt SSTPS	WC	3887.5	3890	3550	3692	3422	198	128
207	NCL Bina Extension(BCSK) Dvt SSTPS	WC	4081.9	4020	3680	3446	3138	574	542

208	Pakri Barwadih	G9	3986.1	4610	4372	4485	4086	125	286
209	Pakri Barwadih	G9	3994.4	5410	5080	4869	4401	541	679
210	Pakri Barwadih	G9	3969.2	4830	4496	4580	4190	250	306
211	Pakri Barwadih	G9	3988.9	5320	4979	5093	4741	227	238
212	Pakri Barwadih	G9	3994.7	4450	4234	4543	4291	-93	-57
213	Pakri Barwadih	G9	4016.2	4340	4147	4574	4325	-234	-178
214	Pakri Barwadih	G9	3975.8	4690	4399	3863	3601	827	798
215	Pakri Barwadih	G9	3976.8	4480	4246	3853	3505	627	741
216	Pakri Barwadih Dvt Nabinagar	G9	4009.6	4760	4516	4892	4521	-132	-5
217	Pakri Barwadih	G9	3996.3	4820	4584	4433	4070	387	514
218	Pakri Barwadih	G9	4036.2	3960	3765	3711	3457	249	308
219	Pakri Barwadih	G9	3995.2	4000	3740	3874	3585	126	155
220	Pakri Barwadih	G9	3937.4	5330	5009	4172	3852	1158	1157
221	Pakri Barwadih	G9	3976.3	5330	4867	3820	3513	1510	1354
222	Pakri Barwadih	G9	3991.7	4100	3771	3311	3103	789	668
223	SECL Old Kusmunda siding	G11	3902.0	4150		3527	3523	623	
224	Pakri Barwadih	G9	3872.3	5210	5091	4777	4362	433	729
225	Pakri Barwadih	G9	3947.4	4500	4295	4601	4368	-101	-73
226	Pakri Barwadih	G9	4008.5	4670	4558	4206	3854	464	704
227	SECL Old Kusmunda siding	G11	3828.1	3845	3664	3993	3862	-148	-198
228	SECL Old Kusmunda siding	G11	4178.6	3789	3585	3274	3116	515	469
229	SECL Old Kusmunda siding	G11	4029.3	3525	3440	3010	2875	515	565
230	SECL Old Kusmunda siding	G11	4025.9	2737	2658	3178	3038	-441	-380
231	SECL Old Kusmunda siding	G11	4062.0	2496	2358	2774	2624	-278	-266
232	SECL Old Kusmunda siding	G11	3623.3	3251	3138	4370	4158	-1119	-1020
233	SECL Old Kusmunda siding	G11	4006.6	3032	2922	2306	2141	726	781
234	SECL KORICHHAPAR siding	G15	325.06	2890	2602	2283	2175	607	427
235	SECL KORICHHAPAR siding	G15	3669.33	2604	2430	2283	2175	321	255
236	SECL KORICHHAPAR siding	G15	352.9	2547	2425	3124	2984	-577	-559
237	SECL KORICHHAPAR siding	G15	3659.8	2945	2827	3124	2984	-179	-157
238	SECL BURHAR Colliery siding	G8	3490.52	4411	4012	4231	3973	180	39
239	SECL BURHAR Colliery siding	G8	477.98	5597	5060	4231	3973	1366	1087
240	SECL NOWRAJABAD COLLIERY siding	G8	647.38	4069	3676	3949	3635	120	41
241	SECL NOWRAJABAD COLLIERY siding	G8	3179	3878	3444	3949	3635	-71	-191
242	SECL CHIRMIRI COLLIERY Siding	G8	4026.6	5383	4893	5226	4746	157	147
243	SECL BHATGAON COLLY Siding	G10	4066.9	4555	4010	4862	4574	-307	-564
244	SECL NOWRAJABAD COLLIERY siding	G8	1748.98	4505	3967	4200	3849	305	118
245	SECL NOWRAJABAD COLLIERY siding	G8	2159.42	4402	3891	4200	3849	202	42
246	SECL BURHAR Colliery siding	G8	3870.7	4693	4281	4638	4346	55	-65
247	SECL BURHAR Colliery siding	G8	2736.63	4757	4519	4552	4249	205	270
248	SECL BURHAR Colliery siding	G8	962.06	5453	4613	4552	4249	901	364
249	SECL NOWRAJABAD COLLIERY siding	G8	1767.78	5045	4548	4082	3766	963	782
250	SECL NOWRAJABAD COLLIERY siding	G8	2112.54	5402	4800	4082	3766	1320	1034
251	SECL BURHAR Colliery siding	G8	3320.4	3867	3525	4102	3834	-235	-309

252	SECL BURHAR Colliery siding	G8	524.2	5266	4805	4102	3834	1164	971
253	SECL BURHAR Colliery siding	G8	2970.51	4838	4369	4579	4299	259	70
254	SECL BURHAR Colliery siding	G8	480.89	5689	5246	4579	4299	1110	947
255	SECL CHIRMIRI COLLIERY Siding	G8	3891.5	5173	4526	4064	3795	1109	731
256	SECL BURHAR Colliery siding	G8	2590.54	4832	4369	3577	3308	1255	1061
257	SECL BURHAR Colliery siding	G8	852.98	5487	4853	3577	3308	1910	1545
258	SECL CHIRMIRI COLLIERY Siding	G8	3958.0	4773	4487	3713	3465	1060	1022
259	SECL CHIRMIRI COLLIERY Siding	G8	3959.6	5193	4675	5537	5218	-344	-543
260	SECL CHIRMIRI COLLIERY Siding	G8	3931.0	5604	5064	2904	2615	2700	2449
261	SECL CHIRMIRI COLLIERY Siding	G8	3774.9	5424	4789	4198	3925	1226	864
262	SECL BURHAR Colliery siding	G8	2866.3	4569	4185	4303	4007	266	178
263	SECL BURHAR Colliery siding	G8	1004.6	5485	5107	4303	4007	1182	1100
264	SECL CHIRMIRI COLLIERY Siding	G8	3895.4	5257	4641	4441	4094	816	547
265	SECL CHIRMIRI COLLIERY Siding	G8	3959.8	5357	4467	4001	3698	1356	769
266	SECL NOWRAJABAD COLLIERY siding	G8	1217.9	4771	4193	4190	3826	581	367
267	SECL NOWRAJABAD COLLIERY siding	G8	2726.1	4704	3986	4190	3826	514	160
268	SECL BURHAR Colliery siding	G8	2875.22	4546	4061	4416	4243	130	-182
269	SECL BURHAR Colliery siding	G8	972.62	5622	5157	4416	4243	1206	914
270	NCL SPUR LINE NO.II	G9	3859.6	4750	-	4244	3660	506	
271	SECL CHIRMIRI COLLIERY Siding	G8	3899.2	5745	4850	4724	4410	1021	440
272	NCL SPUR LINE NO.II	G9	3981.8	4550	4296	4229	3790	321	506
273	SECL BURHAR Colliery siding	G8	3135.5	4865	4433	4444	4173	421	260
274	SECL BURHAR Colliery siding	G8	821	5478	4949	4444	4173	1034	776
275	SECL CHIRMIRI COLLIERY Siding	G8	3759.2	5457	4834	4334	4027	1123	807
276	SECL BURHAR Colliery siding	G8	2771.4	4344	3900	4219	3860	125	40
277	SECL BURHAR Colliery siding	G8	1063.1	5154	4661	4219	3860	935	801
278	SECL BURHAR Colliery siding	G8	2888.8	4200	3834	4329	3980	-129	-146
279	SECL BURHAR Colliery siding	G8	1008.4	5255	4763	4329	3980	926	783
280	SECL CHIRMIRI COLLIERY Siding	G8	3818.8	5576	4973	5440	5064	136	-91
281	SECL BURHAR Colliery siding	G8	2901.84	4347	3790	4097	3718	250	72
282	SECL BURHAR Colliery siding	G8	962.18	5279	4874	4097	3718	1182	1156
283	Pakri Barwadih	G9	3937.5	4200	3969	4056	3871	144	98
284	NCL SPUR LINE NO.II	G9	3995.1	5150	4789	4834	4232	316	557
285	Pakri Barwadih	G9	3921.2	4580	4295	4436	4105	144	190
286	Pakri Barwadih	G9	3904.9	4410	3967	4644	4346	-234	-379
287	Pakri Barwadih	G9	3911.1	4600	4323	4459	4187	141	136
288	SECL BURHAR Colliery siding	G8	2681	3935	3575	4475	4154	-540	-579
289	SECL BURHAR Colliery siding	G8	1011.8	5628	5082	4475	4154	1153	928
290	NCL SPUR LINE NO.II	G9	3977.5	5140	4813	4796	4395	344	418
291	NCL SPUR LINE NO.II	G9	3970.0	5170	4873	4820	4422	350	451
292	SECL CHIRMIRI COLLIERY Siding	G8	3869.6	5127	5105	3879	3520	1248	1585
293	NCL SPUR LINE NO.II	G9	4069.4	4950	4612	4764	4177	186	435
294	NCL SPUR Siding	G10	3912.2	5000	4538	4786	4179	214	359
295	NCL SPUR Siding	G10	3988.7	4790	4380	4595	4103	195	277

296	NCL SPUR Siding	G10	3953.3	4660	4272	4850	4284	-190	-12
297	NCL SPUR Siding	G10	3948.3	5080	4672	5223	4778	-143	-106
298	SECL BURHAR Colliery siding	G8	2522.18	4486	4023	4446	4158	40	-135
299	SECL BURHAR Colliery siding	G8	930.8	5528	4907	4446	4158	1082	749
300	SECL BURHAR Colliery siding	G8	3313.37	4625	4247	4473	4133	152	114
301	SECL BURHAR Colliery siding	G8	406.3	5149	4614	4473	4133	676	481
302	SECL BURHAR Colliery siding	G8	3296	4543	3952	4168	3816	375	136
303	SECL BURHAR Colliery siding	G8	541.5	5211	4573	4168	3816	1043	757
304	NCL SPUR LINE NO.II	G9	3854.4	4601	4204	4796	4334	-195	-130
305	NCL SPUR LINE NO.II	G9	3852.2	5030	4616	5021	4588	9	28
306	NCL SPUR LINE NO.II	G9	4223.9	4310	3962	4365	3931	-55	31
307	NCL SPUR LINE NO.II	G9	3908.4	4380	4042	4062	3639	318	403
308	NCL SPUR LINE NO.II	G9	3926.9	3703	3403	4474	4055	-771	-652
309	NCL SPUR LINE NO.II	G9	3976	4795	4502	4763	4354	32	148
310	SECL Govinda Incline siding	G11	3463.8	4048	3592	4062	3653	-14	-61
311	NCL SPUR Siding	G10	3983	4450	-	4884	4498	-434	
312	NCL SPUR LINE NO.II	G9	3976	5050	-	4119	3737	931	
313	SECL CHIRMIRI COLLIERY Siding	G8	3966.6	5561	4985	5245	4910	316	75
314	NCL SPUR LINE NO.II	G9	4040.1	5050	-	4540	4145	510	
315	NCL SPUR LINE NO.II	G9	4192.5	5050	-	4043	3667	1007	
316	SECL CHIRMIRI COLLIERY Siding	G8	3698.8	4976	4410	5077	4754	-101	-344
317	NCL SPUR LINE NO.II	G9	4059	5050	-	4269	3860	781	
318	NCL Spur Siding	G10	3996.7	4450	-	5081	4720	-631	
319	SECL CHIRMIRI COLLIERY Siding	G8	3666.4	5110	4514	4661	4281	449	233
320	NCL SPUR LINE NO.II	G9	4141.9	5050	-	3942	3545	1108	
321	NCL SPUR LINE NO.II	G9	4073.4	5050	-	4258	3866	792	
322	NCL DCH Silo	G10	3948.3	5180	4708	4375	4039	805	669
323	NCL Spur Siding	G10	4177.5	4450	-	3634	3284	816	
324	NCL SPUR LINE NO.II	G9	3920.6	5050	-	4424	4052	626	
325	NCL Spur Siding	G10	4184.5	4450	-	4235	3863	215	
326	NCL Spur Siding	G10	4034.7	4450	-	4519	4117	-69	
327	NCL SPUR LINE NO.II	G9	4121.3	4720	4356	4451	3997	269	359
328	NCL Spur Siding	G10	4158.5	4450	-	5030	4539	-580	
329	NCL SPUR LINE NO.II	G9	4126.8	4420	3996	4288	3869	132	127
330	NCL Spur Siding	G10	4056.3	4460	4102	4609	4179	-149	-77
331	NCL SPUR LINE NO.II	G9	4023.6	4310	3969	4321	3881	-11	88
332	NCL Spur Siding	G10	4064	4630	4235	4832	4448	-202	-213
333	NCL SPUR LINE NO.II	G9	4076.8	4636	4293	4395	4012	241	281
334	NCL Spur Siding	G10	4031.4	4880	4478	4669	4309	211	169
335	SECL Old Kusmunda siding	G11	3918.6	3307	3043	3530	3296	-223	-253
336	SECL Old Kusmunda siding	G11	3928.9	3528	3213	3721	3469	-193	-256
337	SECL Old Kusmunda siding	G11	3776.2	3518	3255	3820	3525	-302	-270
338	NCL DCH	G10	4085.4	4510	4048	4304	3876	206	172
339	NCL Spur Siding	G10	4064.6	4772	4281	4504	4147	268	134

340	NCL Spur Siding	G10	4102.9	5090	4594	4518	4144	572	450
341	NCL DCH Silo	G10	4086.8	4580	4148	4460	4039	120	109
342	NCL Bina Wharfwall	G10	2059.5	4020	3712	4572	4072	-552	-360
343	NCL Bina Wharfwall	G8	2114.9	5570	5082	4572	4072	998	1010
344	NCL Bina Wharfwall	G8	2119.3	5510	5067	4386	3930	1124	1137
345	NCL Bina Wharfwall	G10	2043.7	4120	3773	4386	3930	-266	-157
346	NCL Bina Wharfwall	G10	1933.4	4210	3836	4594	4222	-384	-386
347	NCL Bina Wharfwall	G8	2058.5	5530	5021	4594	4222	936	799
348	SECL Old Kusmunda siding	G11	4036.7	3944	3655	3944	3655	0	0
349	SECL Govinda Incline siding	G11	4072.1	4533	4128	3671	3373	862	755
350	SECL Old Kusmunda siding	G11	3917.4	3809	3559	3947	3730	-138	-171
351	SECL Old Kusmunda siding	G11	3955.1	3961	3679	3989	3744	-28	-65
352	NCL Bina Wharfwall	G10	2046.8	4350	3933	4410	4058	-60	-125
353	NCL Bina Wharfwall	G8	2099.2	5610	5258	4410	4058	1200	1200
354	NCL Bina Wharfwall	G8	2105.7	5660	5224	4799	4350	861	874
355	NCL Bina Wharfwall	G10	1979.7	4060	3686	4799	4350	-739	-664
356	NCL Spur Siding	G10	4046.9	4998	4538	5263	4796	-265	-258
357	NCL Bina Wharfwall	G8	2085.2	5440	5051	4257	3869	1183	1182
358	NCL Bina Wharfwall	G10	1951	4330	3982	4257	3869	73	113
359	NCL DCH Silo	G10	4023.3	4880	4412	4152	3928	728	484
360	SECL Govinda Incline siding	G11	4075.1	4090	3730	4114	3815	-24	-85
361	SECL Old Kusmunda siding	G11	3870.7	3538	3320	3543	3360	-5	-40
362	SECL New Kusmunda siding	G11	3692.9	3610	3392	3610	3392	0	0
363	NCL Spur Siding	G10	4064.2	5112	4656	5178	4733	-66	-77
364	SECL New Kusmunda siding	G11	3769.4	3629	3381	3408	3170	221	211
365	NCL Bina Wharfwall	G10	1947.2	3860	3544	4303	4012	-443	-468
366	NCL Bina Wharfwall	G8	2036.4	5820	5396	4303	4012	1517	1384
367	SECL Old Kusmunda siding	G11	3890.7	3327	3037	3699	3409	-372	-372
368	NCL SPUR LINE NO.II	G9	4063.8	5314	4871	5102	4686	212	185
369	NCL SPUR LINE NO.II	G9	4147.2	5261	4772	5187	4770	74	2
370	NCL Spur Siding	G10	4113.4	4930	4450	4903	4470	27	-20
371	SECL New Kusmunda siding	G11	3504.9	3242	3092	3190	3068	52	24
372	NCL SPUR LINE NO.II	G9	4010.3	5010	4557	4922	4447	88	110
373	SECL New Kusmunda siding	G11	3838.7	3342	3190	3164	3023	178	167
374	NCL SPUR LINE NO.II	G9	4097.9	5267	4857	4953	4483	314	374
375	NCL DCH Silo	G10	4084.8	4400	3982	4310	3930	90	52
376	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3817.7	4029	3765	3884	3690	145	75
377	NCL SPUR LINE NO.II	G9	4102.1	4965	4505	4876	4341	89	164
378	NCL DCH Silo	G10	4149.5	4668	4245	3850	3506	818	739
379	NCL Spur Siding	G10	3787.2	4431	4030	4409	3913	22	117
380	NCL SPUR LINE NO.II	G9	4071	4870	4411	4916	4452	-46	-41
381	NCL Spur Siding	G10	4132.1	4846	4391	4037	3651	809	740
382	NCL SPUR LINE NO.II	G9	4092.3	5029	4664	4929	4486	100	178
383	NCL Spur Siding	G10	4112.4	3472	3117	4193	3727	-721	-610

384	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3816.5	4553	4313	3896	3673	657	640
385	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4012.9	4679	4397	4017	3770	662	627
386	NCL SPUR LINE NO.II	G9	4122.8	4731	4316	4684	4203	47	113
387	SECL BURHAR Colliery siding	G8	3094.6	4415	3909	4098	3738	317	171
388	SECL BURHAR Colliery siding	G8	606	5054	4404	4098	3738	956	666
389	SECL New Kumdanda siding	G11	3784.9	3410	3262	3284	3029	126	233
390	SECL CHIRMIRI COLLIERY Siding	G8	4060.6	5272	4657	4531	4236	741	421
391	NCL SPUR LINE NO.II	G9	4078.5	4481	4064	4242	3909	239	155
392	SECL BURHAR Colliery siding	G8	3429.8	4507	4013	4605	4257	-98	-244
393	SECL BURHAR Colliery siding	G8	403.6	5426	4972	4605	4257	821	715
394	SECL CHIRMIRI COLLIERY Siding	G8	3994.9	5343	4863	3366	2990	1977	1873
395	NCL SPUR LINE NO.II	G9	4101.5	4316	3963	4330	3932	-14	31
396	NCL Spur Siding	G10	4068	4757	4345	4438	4027	319	318
397	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3646.8	4109	3810	4035	3649	74	161
398	NCL Spur Siding	G10	4125	5054	4640	4742	4369	312	271
399	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3870.1	4063	3529	4055	3767	8	-238
400	NCL Spur Siding	G10	4045.7	4644	4250	4250	3844	394	406
401	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3923.4	3703	3476	3523	3197	180	279
402	NCL SPUR LINE NO.II	G9	4027.2	4903	4464	4720	4342	183	122
403	SECL NOWRAJABAD COLLIERY siding	G8	1528.38	4946	4368	3568	3244	1378	1124
404	SECL NOWRAJABAD COLLIERY siding	G8	2392.71	4938	4342	3568	3244	1370	1098
405	NCL DCH Silo	G10	3947.1	4615	4197	4092	3721	523	476
406	SECL New Kumdanda siding	G11	3649.9	3812	3636	3636	3403	176	233
407	SECL CHIRMIRI COLLIERY Siding	G8	3217	5414	4947	4828	4579	586	368
408	SECL NOWRAJABAD COLLIERY siding	G8	1869.47	4654	4073	3291	3007	1363	1066
409	SECL NOWRAJABAD COLLIERY siding	G8	2069.81	4496	3891	3291	3007	1205	884
411	NCL Bina Wharfwall	G8	2280.4	3698	3423	4080	3630	-382	-207
412	NCL Bina Wharfwall	G10	1780.1	5470	4986	4080	3630	1390	1356
413	SECL NOWRAJABAD COLLIERY siding	G8	2121.52	4208	3638	3588	3314	620	324
414	SECL NOWRAJABAD COLLIERY siding	G8	1865.22	4638	4058	3588	3314	1050	744
415	NCL SPUR LINE NO.II	G9	4088.9	4704	4310	4828	4450	-124	-140
416	NCL DCH Silo	G10	3922.9	4712	4267	3679	3360	1033	907
417	NCL Bina Wharfwall	G10	1946.3	4409	4084	4031	3664	378	420
418	NCL Bina Wharfwall	G8	2072.6	4990	4581	4031	3664	959	917
419	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3853.7	3346	2977	3621	3314	-275	-337
421	NCL Bina Wharfwall	G10	2061.8	3773	3463	4029	3559	-256	-96
422	NCL Bina Wharfwall	G8	1753.9	5317	4914	4029	3559	1288	1355
424	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3875.4	3282	3070	4073	3847	-791	-777
425	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3974.3	3462	3132	3491	3257	-29	-125
426	NCL Bina Wharfwall	G10	2135.6	4314	3908	4436	4028	-122	-120
427	NCL Bina Wharfwall	G8	2017.6	5246	4810	4436	4028	810	782
428	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3936.1	3316	2998	3186	2925	130	73
429	NCL DCH Silo	G10	4081.9	4599	4176	4132	3814	467	362
430	SECL Katkona	SCII	4065.9	4874	4376	4850	4614	24	-238

431	SECL NOWRAJABAD COLLIERY siding	G8	1707.58	4924	4249	3154	2847	1770	1402
432	SECL NOWRAJABAD COLLIERY siding	G8	2276.36	4946	4346	3154	2847	1792	1499
433	SECL Old Kusmunda siding	G11	3695.5	3766	3477	4298	4074	-532	-597
434	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4086.9	3226	2906	2936	2784	290	122
435	NCL DCH Silo	G10	4085.4	4493	4086	4000	3689	493	397
436	SECL Dipika II colliery siding	G10	2607.44	4806	4260	4874	4479	-68	-219
437	SECL Dipika II colliery siding	G10	1277.41	4878	4383	4874	4479	4	-96
438	NCL SPUR LINE NO.II	G9	4081.5	4960	4540	4798	4296	162	244
439	SECL NOWRAJABAD COLLIERY siding	G8	1845.08	4634	4077	3144	2800	1490	1277
440	SECL NOWRAJABAD COLLIERY siding	G8	2140.4	4118	3644	3144	2800	974	844
441	SECL CHIRMIRI COLLIERY Siding	G8	4055.2	5055	4363	5150	4806	-95	-443
442	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3862	3227	3013	3028	2885	199	128
444	SECL NOWRAJABAD COLLIERY siding	G8	2342.7	4945	4327	4077	3706	868	621
445	SECL NOWRAJABAD COLLIERY siding	G8	1621.15	5113	4365	4077	3706	1036	659
446	SECL Dipika II colliery siding	G10	3968.1	4230	3795	4268	4035	-38	-240
447	NCL Spur Siding	G10	4086.5	4386	3941	3890	3551	496	390
448	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3889.3	3223	3002	2826	2722	397	280
449	SECL Dipika II colliery siding	G10	4016.1	4474	4130	4550	4200	-76	-70
450	NCL Spur Siding	G10	4037.8	4656	4266	3800	3456	856	810
451	SECL NOWRAJABAD COLLIERY siding	G8	1782.16	4477	4040	3183	2924	1294	1116
452	SECL NOWRAJABAD COLLIERY siding	G8	2103.08	5102	4500	3183	2924	1919	1576
453	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3855.3	3765	3470	2946	2783	819	687
454	SECL CHIRMIRI COLLIERY Siding	G8	3986.7	5271	4836	4794	4523	477	313
456	NCL Bina Wharfwall	G10	2288.2	4017	3706	3663	3313	354	393
457	NCL Bina Wharfwall	G8	1614.9	5612	5299	3663	3313	1949	1986
459	SECL CHIRMIRI COLLIERY Siding	G8	3970	5161	4769	4446	4223	715	546
460	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3925.2	3148	2909	2742	2547	406	362
461	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3655.6	2876	2583	2713	2554	163	29
462	NCL Bina Wharfwall	G10	2121.3	3631	3255	3832	3524	-201	-269
463	NCL Bina Wharfwall	G8	1983.5	4896	4568	4512	4225	384	343
465	NCL Spur Siding	G10	3851.5	4632	4273	3593	3292	1039	981
466	SECL CHIRMIRI COLLIERY Siding	G8	3974.2	5362	4883	3890	3762	1472	1121
467	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3909.4	3809	3369	2690	2652	1119	717
468	NCL Bina Wharfwall	G8	2103.6	5391	5083	5730	5455	-339	-372
469	NCL Bina Wharfwall	G10	2010.8	4190	3868	2827	2696	1363	1172
471	SECL CHIRMIRI COLLIERY Siding	G8	3879.8	5134	4689	4829	4579	305	110
472	MCL Belpahar LOCM - III	G14	3630.8	3826	3548	2816	2598	1010	950
473	SECL CHIRMIRI COLLIERY Siding	G8	3133.8	5654	5100	2980	2752	2674	2348
474	NCL Bina Wharfwall	G10	2324.3	3534	3232	3176	2952	358	280
475	NCL Bina Wharfwall	G10	1792.3	4228	3907	4503	4176	-275	-269
476	NCL DCH Silo	G10	4083.9	4722	4330	4117	3704	605	626
477	MCL Sardega Sdg	G14	3771.4	3191	2941	3611	3359	-420	-418
478	MCL Belpahar LOCM -6	G14	3905.4	3377	3116	2536	2385	841	731
480	NCL Bina Wharfwall	G10	1939	3432	3076	2926	2699	506	377

481	NCL Bina Wharfwall	G8	2064.3	5700	5232	5470	5026	230	206
492	SECL CHIRMIRI COLLIERY Siding	G8	4032.7	5353	4905	3744	3508	1609	1397
495	Pakri Barwadih	G9	3979.4	3969	3748	4311	3954	-342	-206
498	Pakri Barwadih	G9	3943.8	4157	3899	3356	3227	801	672
499	NCL Bina Wharfwall	G8	2090	6020	5614	4650	3633	1370	1981
500	NCL Bina Wharfwall	G10	2014.2	3490	3169	4102	4390	-612	-1221
502	Pakri Barwadih	G9	3989.8	4233	4071	4022	3760	211	311
504	NCL Bina Wharfwall	G10	1983.5	3647	3351	3090	2854	557	497
505	NCL Bina Wharfwall	G8	2061.2	6111	5699	5815	5347	296	352
506	Pakri Barwadih	G9	3946.6	3877	3619	3787	3559	90	60
507	NCL Bina Wharfwall	G10	1973.7	3944	3610	3056	2807	888	803
508	NCL Bina Wharfwall	G8	2064.8	5992	5525	5863	5303	129	222
509	Pakri Barwadih	G9	4017.4	4504	4188	3867	3691	637	497
511	SECL Old Kusmunda siding	G11	3963.6	3831	3683	3557	3433	274	250
512	NCL Bina Wharfwall	G10	1988	3697	3347	3233	3030	464	317
513	NCL Bina Wharfwall	G8	2130	6038	5593	5881	5404	157	189
515	NCL DCH Wharfwall	G10	3822.2	4234	3847	3467	3220	767	627
517	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3946.3	3460	3286	4133	3907	-673	-621
520	NCL DCH Wharfwall	G10	4086.5	4143	3742	3597	3268	546	474
521	NCL JINGURDAHA	G11	4042.2	3202	2892	2152	1945	1050	947
522	SECL Old Kusmunda siding	G11	3825.3	3853	3585	4647	4402	-794	-817
524	NCL DCH Wharfwall	G10	3646.5	3983	3631	3431	3132	552	499
525	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4063	4305	3983	4093	3896	212	87
526	MCL rake Dvt-in from MTSS	G14	3688.53	3881	3711	2575	2401	1306	1310
527	NCL DCH Wharfwall	G10	4012.6	4582	4179	3485	3202	1097	977
530	SECL New Kusmunda siding	G11	3926.5	4200	3907	3814	3645	386	262
531	NCL DCH Wharfwall	G10	4037.4	4172	3819	3627	3431	545	388
532	CCL PHULBASIA LINE NO.4	G11	3975.1	4150	-	3469	3280	681	
533	CCL Dakra Manual	G11	1905.64	4150	-	3429	3261	721	
534	CCL Dakra Manual	G13	2138.66	3550	-	3429	3261	121	
535	SECL Dipika II colliery siding	G10	4021.9	4197	3930	4267	4086	-70	-156
536	NCL DCH Wharfwall	G10	3969	4198	3809	3000	2754	1198	1055
537	CCL PHULBASIA LINE NO.4	G11	3954.6	4150	-	3115	2880	1035	
538	CCL PHULBASIA LINE NO.4	G12	2681.38	3850	-	3274	2956	576	
539	CCL PHULBASIA LINE NO.4	G11	1201.52	4150	-	3274	2956	876	
540	NCL JINGURDAHA	G11	3864.7	3523	3171	2948	2627	575	544
541	SECL Dipika II colliery siding	G10	3904.9	4474	4164	3929	3713	545	451
542	CCL PHULBASIA LINE NO.4	G12	2666.1	3850	-	3145	2841	705	
543	CCL PHULBASIA LINE NO.4	G11	1317.3	4150	-	3145	2841	1005	
544	NCL Bina Wharfwall	G8	2048.8	5890	5391	5742	5351	148	40
545	NCL Bina Wharfwall	G10	1967	4282	3920	3259	3084	1023	836
546	SECL New Kusmunda siding	G11	3719.4	4121	3911	4326	4123	-205	-212
547	NCL JINGURDAHA	G11	3953	3675	3347	2968	2646	707	701
548	CCL SHIVPOOR LINE NO.4	G12	3726.3	3850	-	2699	2453	1151	

549	CCL SHIVPOOR LINE NO.4	G12	3878	3850	-	3031	2680	819	
550	CCL SHIVPOOR LINE NO.4	G12	3762.8	3850	-	2836	2590	1014	
551	NCL Bina Wharfwall	G10	1988	3707	3359	2803	2604	904	755
552	NCL Bina Wharfwall	G8	2130	5022	4722	4956	4631	66	91
553	CCL SHIVPOOR LINE NO.4	G12	3810.9	3850	-	2984	2656	866	
554	NCL JINGURDAHA	G11	4118	3057	2763	2583	2348	474	415
555	CCL SHIVPOOR LINE NO.4	G12	3752.1	3850	-	2835	2547	1015	
556	CCL SHIVPOOR LINE NO.4	G12	3899.2	3850	-	2660	2398	1190	
557	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3920.3	4336	4051	4284	4064	52	-13
559	NCL DCH Wharfwall	G10	3949.6	4679	4271	3527	3252	1152	1019
560	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3841.5	4030	3773	4582	4429	-552	-656
561	NCL JINGURDAHA	G11	3807.1	3677	3333	2272	1970	1405	1363
562	NCL Bina Wharfwall	G10	1970	3753	3385	3170	2998	583	387
563	NCL Bina Wharfwall	G8	2069.6	4625	4253	4822	4383	-197	-130
564	NCL Bina Wharfwall	G10	1988	3603	3275	3386	3028	217	247
565	NCL Bina Wharfwall	G8	2059	5222	4887	3768	3538	1454	1349
567	NCL Bina Wharfwall	G10	1754.2	3677	3343	3245	3065	432	278
568	NCL Bina Wharfwall	G8	2230.6	4773	4438	5019	4590	-246	-152
569	NCL DCH Silo	G10	3979.3	4581	4077	4030	3762	551	315
570	NCL JINGURDAHA	G11	4116.1	3192	2915	2287	2078	905	837
571	NCL Bina Wharfwall	G10	1863.8	4124	3801	3733	3583	391	218
572	NCL Bina Wharfwall	G8	2064.2	5233	4847	5394	4995	-161	-148
573	NCL JINGURDAHA	G11	3999.8	3005	2679	2700	2448	305	231
574	SECL DIPIKA II colliery siding	G10	4018.2	4016	3778	3410	3195	606	583
576	CCL SHIVPOOR LINE NO.4	G12	3873.4	3850	-	3083	2771	767	
577	SECL Old Kusmunda siding	G11	3665.7	4603	4246	3698	3468	905	778
578	SECL Old Kusmunda siding	G11	3925.9	3735	3495	3554	3337	181	158
579	CCL SHIVPOOR LINE NO.4	G12	3874.6	3850	-	2891	2615	959	
580	NCL Bina Wharfwall	G10	1527.4	4480	4095	3741	3448	739	647
581	NCL Bina Wharfwall	G8	2100.2	5340	4881	5766	5266	-426	-385
582	CCL SHIVPOOR LINE NO.4	G12	3848.1	3850	-	2415	2147	1435	
583	NCL JINGURDAHA	G11	4118	3387	3029	3334	2844	53	185
584	NCL Bina Wharfwall	G8	2080.9	5222	4887	2788	2583	2434	2304
585	NCL Bina Wharfwall	G10	1824.6	3922	3580	3685	3394	237	186
587	SECL DIPIKA II colliery siding	G10	3941.4	4377	4111	3741	3548	636	563
588	SECL New Kusmunda siding	G11	3838.5	4434	4213	3488	3225	946	988
589	SECL DIPIKA II colliery siding	G10	3890.8	4192	3921	4436	4126	-244	-205
590	NCL JINGURDAHA	G11	3881.4	3239	2923	2800	2510	439	413
591	NCL DCH Silo	G10	4078.4	4815	4390	4334	4068	481	322
592	NCL Bina Wharfwall	G8	1767.4	4420	4039	3900	3602	520	437
593	NCL Bina Wharfwall	G8	1960.3	5084	4722	5075	4555	9	167
594	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3842.5	4010	3677	4477	4234	-467	-557
595	CCL SHIVPOOR LINE NO.4	G12	3883.7	3850	-	2549	2351	1301	
596	SECL New Kusmunda siding	G11	3741.9	3717	3590	3493	3353	224	237

597	SECL DIPIKA II colliery siding	G10	3894.1	4571	4245	4424	4145	147	100
598	CCL SHIVPOOR LINE NO.4	G12	3858.8	3850	-	2634	2407	1216	
599	CCL SHIVPOOR LINE NO.4	G12	3911.3	3850	-	3018	2703	832	
600	CCL SHIVPOOR LINE NO.4	G12	3883	3850	-	3573	3265	277	
601	SECL DIPIKA II colliery siding	G10	4008.4	4924	4590	4476	4200	448	390
602	SECL Old Kusmunda siding	G11	3790.2	3747	3555	3632	3377	115	178
603	CCL Churi Sdg	G8	4111.9	4176	3907	4033	3773	143	134
604	NCL JINGURDAHA	G11	4020.6	3320	3005	2818	2528	502	477
605	CCL Churi Sdg	G8	4118	4200	3926	3429	3194	771	732
606	SECL Old Kusmunda siding	G11	3553.1	3218	3038	3185	2943	33	95
607	SECL Old Kusmunda siding	G11	3814.5	3676	3477	3367	3165	309	312
608	NCL DCH Silo	G10	4158	4579	4124	4289	3866	290	258
609	CCL BACHRA SDG	WC(NC)	4013.3	4470	4256	3452	3160	1018	1096
610	SECL New Kusmunda siding	G11	3984.7	2882	2732	3470	3367	-588	-635
611	NCL JINGURDAHA	G11	3855	3114	2819	2945	2618	169	201
612	SECL New Kusmunda siding	G11	3752.7	4307	4127	3476	3221	831	906
613	CCL SHIVPOOR LINE NO.4	G12	3879.1	3192	2953	3136	2842	56	111
614	CCL SHIVPOOR LINE NO.4	G12	3899	3445	3159	3688	3314	-243	-155
615	CCL SHIVPOOR LINE NO.4	G12	3880.6	4076	3676	3328	2983	748	693
616	CCL BACHRA SDG	WC(NC)	3747.5	4301	4076	3491	3264	810	812
617	SECL New Kusmunda siding	G11	3841.5	3436	3269	3428	3187	8	82
618	CCL SHIVPOOR LINE NO.4	G12	3872	3176	2930	2958	2654	218	276
619	NCL DCH Wharfwall	G10	4014.5	4312	3884	3393	3108	919	776
620	CCL SHIVPOOR LINE NO.4	G12	3971.3	4063	3723	3250	2918	813	805
621	NCL Bina Wharfwall	G8	1989.3	5287	5019	5159	4732	128	287
622	NCL Bina Wharfwall	G10	1922.2	3628	3263	5159	4732	-1531	-1469
623	NCL Spur Siding	G10	4107.6	4661	4221	5192	4828	-531	-607
624	CCL SHIVPOOR LINE NO.4	G12	3850.9	3447	3154	3371	3017	76	137
625	CCL SHIVPOOR LINE NO.4	G12	3842.7	3568	3249	2908	2688	660	561
626	CCL SHIVPOOR LINE NO.4	G12	3907.7	3850	-	3380	2914	470	
627	CCL BACHRA SDG	WC(NC)	4131.9	4060	3823	3402	3166	658	657
628	SECL DIPIKA II colliery siding	G10	3916.2	4680	4391	4769	4546	-89	-155
629	CCL SHIVPOOR LINE NO.4	G12	3724.9	3817	3510	3286	2839	531	671
630	SECL Manikpur	G13	3938.9	2803	2655	2982	2820	-179	-165
631	CCL SHIVPOOR LINE NO.4	G12	3851.6	3850	-	3847	3365	3	
632	CCL BACHRA SDG	WC(NC)	4088	4954	4722	3643	3310	1311	1412
633	CCL SHIVPOOR LINE NO.4	G12	3804.2	3840	3516	3660	3061	180	455
634	CCL PHULBASIA LINE NO.4	G11	3862.6	4150	-	2922	2704	1228	
635	SECL Manikpur	G13	4089.9	2984	2805	3187	3034	-203	-229
636	CCL PHULBASIA LINE NO.4	G11	1932.48	4150	-	3107	2811	1043	
637	CCL PHULBASIA LINE NO.4	G12	1851.57	3850	-	3107	2811	743	
638	SECL Manikpur	G13	4012.7	2727	2499	3195	2928	-468	-429
639	CCL SHIVPOOR LINE NO.4	G12	3794.7	3279	2993	3635	3226	-356	-233
640	CCL SHIVPOOR LINE NO.4	G12	3853	3749	3394	2870	2695	879	699

641	CCL SHIVPOOR LINE NO.4	G12	3799.9	3922	3582	2801	2588	1121	994
642	SECL New Kusmunda siding	G11	3765.2	3804	3568	3909	3644	-105	-76
643	CCL SHIVPOOR LINE NO.4	G12	3860.2	3277	2935	2780	2567	497	368
644	NCL Bina Wharfwall	G8	1986	5917	5547	5871	5780	46	-233
645	NCL Bina Wharfwall	G8	1962.2	3369	3042	3169	2777	200	265
646	CCL SHIVPOOR LINE NO.4	G12	3693.9	3434	3120	3315	2940	119	180
647	NCL SPUR LINE NO.II	G9	3874.5	4324	4015	3941	3834	383	181
648	CCL SHIVPOOR LINE NO.4	G12	3861.4	4324	3131	3292	3004	1032	127
649	CCL SHIVPOOR LINE NO.4	G12	3768.3	3488	3122	3381	3022	107	100
650	SECL Manikpur	G13	3679.1	2823	2619	2865	2735	-42	-116
651	NCL JINGURDAHA	G11	3660.4	2718	2459	2669	2421	49	38
652	NCL SPUR LINE NO.II	G9	4006.3	4127	3804	4189	3630	-62	174
653	SECL New Kusmunda siding	G11	3892.6	3313	3078	2971	2716	342	362
654	CCL PHULBASIA LINE NO.4	G12	1983.5	3850	-	3123	2811	727	
655	CCL PHULBASIA LINE NO.4	G11	1914.3	4150	-	3123	2811	1027	
656	CCL BACHRA SDG	WC(NC)	3264.5	4530	4284	3778	3427	752	857
657	SECL New Kusmunda siding	G11	3762.5	3266	3045	3178	2947	88	98
658	SECL New Kusmunda siding	G11	3767.4	3477	3282	3717	3412	-240	-130
659	NCL DCH Wharfwall	G10	4025.2	4303	3945	3257	2910	1046	1035
660	CCL SHIVPOOR LINE NO.4	G12	3817.2	3968	3611	2762	2582	1206	1029
661	NCL Bina Wharfwall	G10	1930.3	3406	3072	3679	3327	-273	-255
662	NCL Bina Wharfwall	G8	2096.2	4967	4545	4096	3710	871	835
663	NCL DCH Wharfwall	G10	3868.2	4687	4250	3796	3326	891	924
664	CCL SHIVPOOR LINE NO.4	G12	3896.1	3438	3094	3208	2907	230	187
665	CCL SHIVPOOR LINE NO.4	G12	3804.1	3424	3110	3441	3061	-17	49
666	NCL DCH Wharfwall	G10	3952.6	4491	4121	3620	3346	871	775
667	CCL SHIVPOOR LINE NO.4	G12	3818.5	3717	3352	3299	2863	418	489
668	NCL Bina Wharfwall	G10	2039.3	3902	3541	3431	3215	471	326
669	NCL Bina Wharfwall	G8	2017.7	5469	5088	5407	5055	62	33
670	CCL SHIVPOOR LINE NO.4	G12	3782.1	3713	3397	3389	3020	324	377
671	NCL JINGURDAHA	G11	4085.2	2943	2667	1921	1734	1022	933
672	CCL SHIVPOOR LINE NO.4	G12	3880.3	4166	3790	3772	3313	394	477
673	CCL SHIVPOOR LINE NO.4	G12	3852.9	4010	3673	3306	2933	704	740
674	CCL SHIVPOOR LINE NO.4	G12	3949.4	3545	3226	3453	2991	92	235
675	CCL SHIVPOOR LINE NO.4	G12	3916.1	3860	3444	3353	2825	507	619
676	NCL DCH Wharfwall	G10	3927.2	4764	4322	3342	2756	1422	1566
677	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3958.3	4181	3907	3771	3468	410	439
678	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3933.2	4078	3799	3135	2841	943	958
679	NCL Bina Wharfwall	G8	2130	5628	5160	4223	3868	1405	1292
680	NCL Bina Wharfwall	G10	1988	4103	3683	4082	3589	21	94
681	NCL Bina Wharfwall	G8	2110.1	5887	5392	5581	5075	306	317
682	NCL Bina Wharfwall	G10	1920.1	4365	3975	3424	3039	941	936
683	NCL Bina Wharfwall	G10	1892.6	4166	3812	3819	3486	347	326
684	NCL Bina Wharfwall	G8	2045.4	5788	5335	5842	5197	-54	138

685	NCL Bina Wharfwall	G8	1906.5	6113	5671	5797	5288	316	383
686	NCL Bina Wharfwall	G10	1914.8	4499	4119	4017	3584	482	535
687	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4019.2	4302	4016	3506	3328	796	688
688	NCL DCH Silo	G10	4087	4725	4290	4397	4247	328	43
689	NCL DCH Silo	G10	3867.8	4523	4091	4324	3868	199	223
690	NCL DCH Silo	G10	3969	4879	4458	3922	3546	957	912
691	NCL JINGURDAHA	G11	4118	2943	2664	2702	2452	241	212
692	NCL DCH Silo	G10	4018.3	4781	4360	4090	3724	691	636
693	NCL DCH Wharfwall	G10	3898.9	4625	4240	4158	3777	467	463
694	NCL SPUR LINE NO.II	G9	3853.4	3755	3362	3788	3467	-33	-105
695	NCL Spur Siding	G10	3928	4629	4260	4154	4077	475	183
696	NCL SPUR LINE NO.II	G9	3998.8	3891	3576	3845	3508	46	68
697	NCL Spur Siding	G10	3794	4658	4277	4237	3833	421	444
698	NCL SPUR LINE NO.II	G9	3920.9	4177	3792	3965	3648	212	144
699	NCL DCH Silo	G10	3946.1	4550	4119	4503	3998	47	121
700	NCL Spur Siding	G10	3886.5	4649	4273	4550	4348	99	-75
701	NCL SPUR LINE NO.II	G9	3923.6	4030	3793	3770	3317	260	476
702	NCL DCH Wharfwall	G10	3892	4133	3743	4047	3657	86	86
703	NCL SPUR LINE NO.II	G9	4068.9	4500	4147	3967	3558	533	589
704	NCL DCH Wharfwall	G10	4075.3	4538	4111	4713	4187	-175	-76
705	NCL DCH Silo	G10	4084.3	4739	4335	4374	3820	365	515
706	NCL Spur Siding	G10	3995.6	4148	3769	4157	3621	-9	148
707	NCL DCH Silo	G10	4149.8	4691	4249	4183	3720	508	529
708	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3774.4	4751	4372	4692	4203	59	169
709	NCL DCH Wharfwall	G10	4113.9	4436	4010	3948	3544	488	466
710	NCL Spur Siding	G10	3865.3	4332	3939	3439	2921	893	1018
711	NCL DCH Silo	G10	3701.4	4459	4034	4824	4254	-365	-220
712	NCL Spur Siding	G10	3775.8	4684	4278	3974	3381	710	897
713	NCL JINGURDAHA	G11	3994	2602	2346	2672	2295	-70	51
714	NCL Spur Siding	G10	3968.7	3812	3469	4071	3565	-259	-96
715	NCL Spur Siding	G10	4172	3754	3388	4411	3961	-657	-573
716	NCL DCH Wharfwall	G10	4041.6	4186	3803	3393	3085	793	718
717	NCL Spur Siding	G10	3942.9	4704	4306	4398	3834	306	472
718	NCL Spur Siding	G10	4077.4	4441	4078	4829	4248	-388	-170
719	NCL Spur Siding	G10	4066.3	4486	4144	3070	2738	1416	1406
720	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3953.7	3433	3212	4380	4122	-947	-910
721	NCL DCH Wharfwall	G10	3688.9	4491	4064	3587	3302	904	762
722	NCL Spur Siding	G10	4085.8	3709	3270	3342	2946	367	324
723	NCL Spur Siding	G10	3801.4	4397	4037	5059	4465	-662	-428
724	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3720	3747	3436	4104	3782	-357	-346
725	NCL Spur Siding	G10	3943.9	4711	4260	4134	3638	577	622
726	SECL New Kusmunda siding	G11	4017	4317	4202	4158	3938	159	264
727	NCL Spur Siding	G10	4077.3	4474	4132	4182	3645	292	487
728	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3497.9	4086	3840	4309	4003	-223	-163

729	NCL DCH Wharfwall	G10	3844.7	4474	4094	3628	3261	846	833
730	NCL JINGURDAHA	G11	4022	3162	2855	3198	2756	-36	99
731	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3756.1	4047	3782	3159	2969	888	813
732	NCL Spur Siding	G10	3992.2	4750	4407	4636	4199	114	208
733	NCL DCH Wharfwall	G10	3992.5	4995	4463	4013	3633	982	830
734	NCL DCH Wharfwall	G10	3671.7	4306	3859	4088	3671	218	188
735	NCL DCH Wharfwall	G10	3782.8	4609	4180	3935	3573	674	607
736	NCL Bina Wharfwall	G10	2002	4755	4427	4897	4459	-142	-32
737	NCL Bina Wharfwall	G8	2022.6	5802	5456	4886	4423	916	1033
738	NCL Bina Wharfwall	G10	1878	4013	3623	3655	3372	358	251
739	NCL Bina Wharfwall	G8	2084.8	5746	5473	4913	4372	833	1101
740	NCL Bina Wharfwall	G10	1841.7	4043	3720	3639	3265	404	455
741	NCL Bina Wharfwall	G8	2024.6	5145	4777	4888	4445	257	332
742	NCL Bina Wharfwall	G10	1910.2	4149	3858	3598	3215	551	643
743	NCL Bina Wharfwall	G8	2038.4	5577	5176	5726	5090	-149	86
744	NCL Bina Wharfwall	G10	1954.6	3550	3172	3715	3419	-165	-247
745	NCL Bina Wharfwall	G8	2005.4	5534	5231	5345	4788	189	443
746	NCL Bina Wharfwall	G10	2027.6	3756	3467	3348	3029	408	438
747	NCL Bina Wharfwall	G8	2019.8	5800	5373	5539	4811	261	562
748	NCL Bina Wharfwall	G8	2014.6	5908	5083	6064	5327	-156	-244
749	NCL Bina Wharfwall	G10	1864	3882	3868	4192	3672	-310	196
750	NCL Bina Wharfwall	G10	1847.5	3754	3420	3967	3701	-213	-281
751	NCL Bina Wharfwall	G8	2015.5	5046	4672	5424	5179	-378	-507
752	NCL Bina Wharfwall	G10	1965	3837	3480	3565	3139	272	341
753	NCL Bina Wharfwall	G8	2039.3	5894	5427	5591	5386	303	41
754	NCL Bina Wharfwall	G8	1845.1	5689	5241	4860	4216	829	1025
755	NCL Bina Wharfwall	G10	1949	4088	3757	3266	2848	822	909
756	NCL Bina Wharfwall	G10	1919.9	4199	3905	3338	3113	861	792
757	NCL Bina Wharfwall	G8	1766.8	5650	5235	5780	5306	-130	-71
758	NCL DCH Wharfwall	G10	3698.1	4637	4199	3832	3382	805	817
759	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3913.8	4255	3906	3908	3675	347	231
760	NCL JINGURDAHA	G11	3820.2	3690	3454	3516	3060	174	394
761	SECL New Kusmunda siding	G11	3701.3	4407	4172	4263	4060	144	112
762	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3698.5	4036	3780	3678	3452	358	328
763	NCL JINGURDAHA	G11	4010.9	3239	2853	2921	2591	318	262
764	NCL JINGURDAHA	G11	3976.2	3554	3065	2980	2480	574	585
765	NCL DCH Silo	G10	4089.3	4803	4322	4178	3555	625	767
766	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4034.6	4688	4414	4284	3993	404	421
767	NCL Spur Siding	G10	4042.9	4267	3880	4787	4211	-520	-331
768	NCL Spur Siding	G10	4037.7	4703	4291	4269	3775	434	516
769	SECL DIPIKA II colliery siding	G10	3290.8	3730	3452	3574	3321	156	131
770	NCL Spur Siding	G10	3871.3	4988	4606	4231	3785	757	821
771	NCL DCH Silo	G10	4077.8	4502	4091	4466	3737	36	354
772	SECL Old Kusmunda siding	G11	3969.4	3938	3737	3745	3325	193	412

773	NCL Spur Siding	G10	3924.9	4627	4283	4408	3791	219	492
774	NCL Spur Siding	G10	3901.1	4436	4052	3856	3503	580	549
775	CCL Churi Sdg	G8	342.4	4445	4365	4140	3525	305	840
776	CCL Churi Sdg	G8	3601.38	4799	4297	4140	3525	659	772
777	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3794.3	4026	3716	3558	3111	468	605
778	SECL Old Kusmunda siding	G11	3985.2	4181	3961	3637	3440	544	521
779	SECL New Kusmunda siding	G11	3975.8	4314	4104	4356	4062	-42	42
780	NCL DCH Silo	G10	3931.1	4632	4251	4286	3844	346	407
781	CCL Churi Sdg	G8	344.5	4508	4159	4286	4096	222	63
782	CCL Churi Sdg	G8	3695.8	3849	3759	4286	4096	-437	-337
783	NCL DCH Wharfwall	G10	4118	4566	4069	3660	3219	906	850
784	CCL Churi Sdg	G8	342.9	5033	4827	4315	4192	718	635
785	CCL Churi Sdg	G8	3557.7	4859	4614	4315	4192	544	422
786	CCL Churi Sdg	G8	345.3	5306	5137	4033	3529	1273	1608
787	CCL Churi Sdg	G8	3566	5075	4857	4033	3529	1042	1328
788	NCL Spur Siding	G10	3778.5	4314	3844	4897	4187	-583	-343
789	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3760.3	3521	3319	3524	3382	-3	-63
790	NCL Spur Siding	G10	4059	4186	3845	4916	4415	-730	-570
791	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3626.7	3851	3636	3613	3440	238	196
792	NCL DCH Silo	G10	3968.4	4500	4134	4019	3842	481	292
793	CCL Churi Sdg	G8	400	4444	4172	3770	3217	674	955
794	CCL Churi Sdg	G8	3544	4237	3985	3770	3217	467	768
795	CCL Churi Sdg	G8	337.3	4598	4527	4194	3779	404	748
796	CCL Churi Sdg	G8	3575.7	4346	4104	4194	3779	152	325
797	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3955.6	4044	3792	4626	4091	-582	-299
798	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3867.4	4423	4210	3698	3366	725	844
799	CCL Churi Sdg	G8	343.9	4605	4540	3938	3788	667	752
800	CCL Churi Sdg	G8	3702.4	4217	4061	3938	3788	279	273
801	SECL New Kusmunda siding	G11	3851.5	4582	4352	4455	4086	127	266
802	NCL DCH Wharfwall	G10	4118	4152	3819	3686	3356	466	463
803	CCL Churi Sdg	G8	346.3	4744	4451	4140	3886	604	565
804	CCL Churi Sdg	G8	3299.09	4701	4494	4140	3886	561	608
805	NCL JINGURDAHA	G11	3977.2	3247	2933	3483	3118	-236	-185
806	NCL DCH Silo	G10	4150	4752	4294	3866	3436	886	858
807	SECL DIPIKA II colliery siding	G10	3923.9	3564	3355	3768	3470	-204	-115
808	NCL DCH Silo	G10	4082.9	4647	4201	4267	3891	380	310
809	CCL Churi Sdg	G8	318.7	4749	4567	4011	3707	738	860
810	CCL Churi Sdg	G8	3597.8	4570	4394	4011	3707	559	687
811	CCL Churi Sdg	G8	331.44	4724	4487	3958	3510	766	977
812	CCL Churi Sdg	G8	3536.02	4202	3895	3958	3510	244	385
813	NCL DCH Wharfwall	G10	4069	4669	4240	3965	3591	704	649
814	NCL DCH Silo	G10	4010.2	4442	4011	4370	3784	72	227
815	CCL BALUMATH Siding	G11	3734.3	3418	3229	3319	2784	99	445
816	SECL Old Kusmunda siding	G11	3757.4	4130	3948	3346	2996	784	952

817	SECL Old Kumdanda siding	G11	3940.6	4505	4230	3871	3654	634	576
818	NCL DCH Silo	G10	4089.2	4251	3847	4143	3753	108	94
819	NCL Spur Siding	G10	3972.9	4302	3973	3597	3152	705	821
820	NCL SPUR LINE NO.II	G9	3967.2	4403	4109	3770	3425	633	684
821	CCL Churi Sdg	G8	496.06	5073	5050	3915	3435	1158	1615
822	CCL Churi Sdg	G8	3358.4	3614	4213	3915	3435	-301	778
823	CCL Churi Sdg	G8	3895	4438	3466	4022	3748	416	-282
824	CCL Churi Sdg	G8	443.6	4650	4476	4338	4080	312	396
825	CCL Churi Sdg	G8	3420.9	4317	4055	4338	4080	-21	-25
826	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3968.5	4681	4435	3692	3437	989	998
827	CCL BALUMATH Siding	G11	3896.3	4150	-	3291	3093	859	
828	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3961.4	4048	3773	3756	3504	292	269
829	CCL Churi Sdg	G8	340	4640	4554	4316	3999	324	555
830	CCL Churi Sdg	G8	3641.8	4455	4301	4316	3999	139	302
831	NCL Spur Siding	G10	4118	3884	3560	3189	2763	695	797
832	CCL Churi Sdg	G8	342	4527	4344	4137	3826	390	518
833	CCL Churi Sdg	G8	3669.7	4064	3924	4137	3826	-73	98
834	CCL BALUMATH Siding	G11	3889.2	4150	-	3544	3151	606	
835	NCL Spur Siding	G10	4058	4297	3953	3902	3412	395	541
836	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4108	4220	3921	3770	3276	450	645
837	NCL DCH Silo	G10	4081.5	3909	3592	3931	3277	-22	315
838	CCL Churi Sdg	G8	354.2	4485	4264	3107	2827	1378	1437
839	CCL Churi Sdg	G8	3702.2	4382	4188	3107	2827	1275	1361
840	CCL BALUMATH Siding	G11	3940.5	3498	3252	3449	3087	49	165
841	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4029	3761	3632	3595	3330	166	302
842	NCL Spur Siding	G10	4068.5	3962	3598	3565	3089	397	509
843	NCL Spur Siding	G10	4047.4	4014	3643	4101	3568	-87	75
844	NCL DCH Wharfwall	G10	3895.2	4123	3762	4319	3730	-196	32
845	CCL BALUMATH Siding	G11	3950	3494	3244	3399	2961	95	283
846	CCL BALUMATH Siding	G11	3953.6	3373	3179	3467	3100	-94	79
847	NCL DCH Wharfwall	G10	3998.9	4554	4170	3495	3005	1059	1165
848	NCL DCH Wharfwall	G10	4023.8	4366	4010	3666	3198	700	812
849	NCL DCH Wharfwall	G10	4058.2	4603	4233	4064	3434	539	799
850	CCL BIRDS SOUNDA-D Colliery	G9	2949.8	5551	5252	4694	4208	857	1044
851	CCL BIRDS SOUNDA-D Colliery	G9	1034.4	5590	5355	4694	4208	896	1147
852	NCL DCH Silo	G10	4141.1	4813	4392	4328	3708	485	684
853	NCL DCH Silo	G10	4154.1	4829	4429	4633	4003	196	426
854	CCL Rajdhar Line 2	G10	3984.6	3955	3763	4244	3757	-289	6
855	CCL BIRDS SOUNDA-D Colliery	G9	1382.4	5035	4876	3812	3151	1223	1725
856	CCL BIRDS SOUNDA-D Colliery	G9	2604.6	4922	4835	3812	3151	1110	1684
857	CCL BIRDS SOUNDA-D Colliery	G9	1703.32	5427	5069	4119	3797	1308	1272
858	CCL BIRDS SOUNDA-D Colliery	G9	2224.49	5441	5190	4119	3797	1322	1393
859	NCL DCH Wharfwall	G10	3793.6	4522	4083	3426	3044	1096	1039
860	CCL PHULBASIA LINE NO.4	G11	2012.5	4150	-	3516	3199	634	

861	CCL PHULBASIA LINE NO.4	G12	1895.4	3850	-	3516	3199	334	
862	CCL BIRDS SOUNDA-D Colliery	G9	3310.06	4789	4475	4267	3961	522	514
863	CCL BIRDS SOUNDA-D Colliery	G9	681.85	4803	4564	4267	3961	536	603
864	NCL DCH Wharfwall	G10	4114.4	4294	3869	3553	3171	741	698
865	NCL Bina Wharfwall	G8	2012.3	5060	4667	5449	4719	-389	-52
866	NCL Bina Wharfwall	G10	2004.3	3723	3389	3997	3451	-274	-62
867	NCL Bina Wharfwall	G8	2057	5243	4856	5725	5130	-482	-274
868	NCL Bina Wharfwall	G10	2059.9	3222	2945	3298	2998	-76	-53
869	NCL Bina Wharfwall	G10	1970.1	4085	3741	3655	3350	430	391
870	NCL Bina Wharfwall	G8	1995.7	5174	4837	3617	3161	1557	1676
871	NCL Bina Wharfwall	G10	2053.1	5456	5059	3787	3334	1669	1725
872	NCL Bina Wharfwall	G8	2023.6	5636	5315	4492	3847	1144	1468
873	NCL Bina Wharfwall	G8	2047.6	5665	5323	5325	4704	340	619
874	NCL Bina Wharfwall	G10	1936.6	4108	3764	3873	3421	235	343
875	NCL Bina Wharfwall	G10	1948.5	3536	3205	3854	3367	-318	-162
876	NCL Bina Wharfwall	G8	2064.7	5850	5451	4891	4235	959	1216
877	NCL Bina Wharfwall	G10	2267.3	4409	4002	3356	3023	1053	979
878	NCL Bina Wharfwall	G8	1690.6	4232	3824	4362	3692	-130	132
879	NCL Bina Wharfwall	G10	2134	3785	3461	3627	3226	158	235
880	NCL Bina Wharfwall	G8	1846	5395	5010	5008	4126	387	884
881	NCL Bina Wharfwall	G8	1860.6	4840	4535	4465	3923	375	612
882	NCL Bina Wharfwall	G10	2136.2	3711	3380	3149	2877	562	503
883	NCL Bina Wharfwall	G10	2086.9	4038	3681	3613	3165	425	516
884	NCL Bina Wharfwall	G8	1785.6	4562	4265	4351	3746	211	519
885	NCL Spur Siding	G10	4053.9	4744	4343	4323	3571	421	772
886	CCL BIRDS SOUNDA-D Colliery	G9	2961.3	4749	4547	3773	3525	976	1022
887	CCL BIRDS SOUNDA-D Colliery	G9	1039.3	4695	4500	3773	3525	922	975
888	NCL DCH Wharfwall	G10	4048.2	4350	3914	3711	3276	639	638
889	CCL Kuju New siding	G6	1271.5	4729	4520	3708	3406	1021	1114
890	CCL Kuju New siding	G6	2433.6	5348	5222	3708	3406	1640	1816
891	NCL Spur Siding	G10	3996	4753	4355	4252	3774	501	581
892	NCL DCH Silo	G10	4080.7	4841	4336	4413	3964	428	372
893	CCL Kuju New siding	G6	1912.3	5203	5390	3889	3543	1314	1847
894	CCL Kuju New siding	G6	2021.7	4845	5043	3889	3543	956	1500
895	NCL DCH Wharfwall	G10	4038.2	4466	4009	3506	3090	960	919
896	NCL SPUR LINE NO.II	G9	4083	5013	4743	4495	3981	518	762
897	CCL Churi Sdg	G8	200.82	4490	4335	3245	2916	1245	1419
898	CCL Churi Sdg	G8	3301.24	4111	3946	3245	2916	866	1030
899	CCL Churi Sdg	G8	441.04	3582	3441	3245	2916	337	525
900	NCL DCH Wharfwall	G10	3935.2	4158	3753	3695	3234	463	519
901	NCL DCH Silo	G10	4150.6	4796	4339	4131	3521	665	818
902	CCL Kuju New siding	G6	1888.23	4688	4539	3862	3513	826	1026
903	CCL Kuju New siding	G6	1944.83	5044	4977	3862	3513	1182	1464
904	CCL Churi Sdg	G8	209.8	4448	4035	3707	3427	741	608

905	CCL Churi Sdg	G8	3254.5	3853	3848	3707	3427	146	421
906	CCL Churi Sdg	G8	281.8	4030	4358	3707	3427	323	931
907	NCL Spur Siding	G10	3998	4384	3959	4864	4189	-480	-230
908	NCL Spur Siding	G10	4058.2	3800	3475	4025	3592	-225	-117
909	CCL Churi Sdg	G8	197.7	4310	4076	3691	3603	619	473
910	CCL Churi Sdg	G8	3442.2	4423	4425	3691	3603	732	822
911	CCL Churi Sdg	G8	348.3	3837	3781	3691	3603	146	178
912	CCL PHULBASIA LINE NO.4	G11	2499.74	4150	-	3557	3171	593	
913	CCL PHULBASIA LINE NO.4	G12	1429	3850	-	3557	3171	293	
914	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4114.6	3180	2922	3270	3007	-90	-85
915	CCL Churi Sdg	G8	303.92	4611	4535	4034	3726	577	809
916	CCL Churi Sdg	G8	3246.6	4901	4624	4034	3726	867	898
917	CCL Churi Sdg	G8	348.92	3056	2921	4034	3726	-978	-805
918	NCL Spur Siding	G10	4039.6	4662	4259	4301	3827	361	432
919	NCL JINGURDAHA	G11	3977.5	3097	2638	2803	2376	294	262
920	NCL Spur Siding	G10	3760.1	4356	3952	4219	3808	137	144
921	CCL BIRDS SOUNDA-D Colliery	G9	2615.2	5423	5185	4777	4269	646	916
922	CCL BIRDS SOUNDA-D Colliery	G9	1031.8	5145	4920	4777	4269	368	651
923	CCL BIRDS SOUNDA-D Colliery	G9	345.7	4540	4365	4777	4269	-237	96
924	CCL Dakra Manual	G9	958.14	4281	4019	3602	3296	679	723
925	CCL Dakra Manual	G9	3105.73	3854	3535	3602	3296	252	239
926	CCL Rajdhar	G9	4053.5	4029	3803	3724	3180	305	623
927	NCL Spur Siding	G10	3849.1	4679	4256	4292	3872	387	384
928	CCL Churi Sdg	G8	270	4715	4563	4151	3858	564	705
929	CCL Churi Sdg	G8	3108.2	4250	4141	4151	3858	99	283
930	CCL Churi Sdg	G8	683.4	4333	4158	4151	3858	182	300
931	NCL Spur Siding	G10	3908.9	5081	4733	4220	3620	861	1113
932	CCL BALUMATH Siding	G11	3750.4	4225	3837	3422	3155	803	682
933	NCL JINGURDAHA	G11	4045.7	3294	2860	2799	2374	495	486
934	NCL Spur Siding	G10	4066.8	4422	4039	3952	3443	470	596
935	CCL BIRDS SOUNDA-D Colliery	G9	2618.48	5484	5232	4804	4357	680	875
936	CCL BIRDS SOUNDA-D Colliery	G9	1356.62	5352	5045	4804	4357	548	688
937	NCL JINGURDAHA	G11	3789.3	3138	2725	2697	2223	441	502
938	NCL Spur Siding	G10	4092.7	4668	4294	3534	3029	1134	1265
939	NCL DCH Silo	G10	3711.9	4448	4032	4076	3447	372	585
940	CCL PHULBASIA LINE NO.4	G12	1638.7	3850	-	3511	3101	339	
941	CCL PHULBASIA LINE NO.4	G12	2332.4	3850	-	3511	3101	339	
942	CCL PHULBASIA LINE NO.4	G12	1908.4	3850	-	3425	3044	425	
943	CCL PHULBASIA LINE NO.4	G12	2051.9	3850	-	3425	3044	425	
944	NCL DCH Wharfwall	G10	4005.7	4547	4104	3236	2884	1311	1220
945	NCL Spur Siding	G10	4088.3	4124	3809	3933	3541	191	268
946	NCL DCH Wharfwall	G10	4041.9	4339	3909	3708	3384	631	525
947	CCL Rajdhar Line 2	G10	4086	4383	4211	4169	4042	214	169
948	CCL Churi Sdg	G8	3524.8	3627	3421	4166	3977	-539	-556

949	CCL Churi Sdg	G8	497.5	2864	2741	4166	3977	-1302	-1236
950	NCL Spur Siding	G10	3998.2	4639	4260	4274	3840	365	420
951	CCL BALUMATH Siding	G11	3637.2	3700	3446	3482	3208	218	238
952	CCL KHALARI SSTT. SDG. NO 1	G12	2299.77	4267	3987	3934	3610	333	377
953	CCL KHALARI SSTT. SDG. NO 1	G12	1712.73	3861	3890	3934	3610	-73	280
954	CCL Churi Sdg	G8	3314.8	4389	4199	3922	3636	467	563
955	CCL Churi Sdg	G8	328.4	4654	4568	3922	3636	732	932
956	NCL JINGURDAHA	G11	4057.6	2631	2396	2499	2175	132	221
957	NCL DCH Wharfwall	G10	3931.7	4649	4178	4015	3585	634	593
958	NCL Spur Siding	G10	4009	4455	4095	5263	4411	-808	-316
959	CCL BIRDS SOUNDA-D Colliery	G9	2968.2	4762	4622	4460	4206	302	416
960	CCL BIRDS SOUNDA-D Colliery	G9	1026.74	4963	4655	4460	4206	503	449
961	CCL BIRDS SOUNDA-D Colliery	G9	2627.26	5401	5178	4265	4013	1136	1165
962	CCL BIRDS SOUNDA-D Colliery	G9	1350.74	5106	4898	4265	4013	841	885
963	NCL DCH Wharfwall	G10	3992	4351	3993	3600	3210	751	783
964	CCL Rajdhar Line 2	G10	2725.61	4631	4506	4165	3903	466	603
965	CCL Rajdhar Line 2	G10	684.9	4993	4394	4165	3903	828	491
966	NCL DCH Wharfwall	G10	4087.4	4190	3857	3439	3104	751	753
967	CCL BIRDS SOUNDA-D Colliery	G9	2907.08	4939	4815	4390	4117	549	698
968	CCL BIRDS SOUNDA-D Colliery	G9	1024.17	5059	4980	4390	4117	669	863
969	CCL SHIVPOOR LINE NO.1	G12	3979.2	3570	3280	3240	2913	330	367
970	NCL DCH Wharfwall	G10	4129.4	4279	3941	3666	3401	613	540
971	NCL JINGURDAHA	G11	3891	3036	2674	2636	2423	400	251
972	CCL BALUMATH Siding	G11	4044.4	3550	-	3701	3310	-151	
973	NCL JINGURDAHA	G11	3876.4	3153	2822	2779	2498	374	324
974	CCL Churi Sdg	G8	3621.02	4593	4407	4134	3863	459	544
975	CCL Churi Sdg	G8	436	2917	2770	4134	3863	-1217	-1093
976	NCL DCH Silo	G10	4153.4	4787	4347	4073	3751	714	596
977	NCL DCH Silo	G10	4148.1	4749	4255	4381	3893	368	362
978	CCL PHULBASIA LINE NO.4	G11	1952.9	4150	-	3764	3471	386	
979	CCL PHULBASIA LINE NO.4	G12	2090.4	3850	-	3764	3471	86	
980	CCL PHULBASIA LINE NO.4	G12	1061.1	3850	-	3360	3035	490	
981	CCL PHULBASIA LINE NO.4	G11	3001.2	4150	-	3360	3035	790	
982	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4047.3	4654	4259	3660	3335	994	924
983	CCL SHIVPOOR LINE NO.4	G12	3989.5	3452	3223	3556	3076	-104	147
984	CCL SHIVPOOR LINE NO.4	G12	3980	2839	2687	3281	2876	-442	-189
985	NCL DCH Wharfwall	G10	3972.6	4052	3683	3479	3038	573	645
986	CCL SHIVPOOR LINE NO.4	G12	3952.3	2833	2678	3655	3267	-822	-589
987	NCL JINGURDAHA	G11	4018.6	2648	2318	2164	1928	484	390
988	CCL PHULBASIA LINE NO.4	G12	1696.5	3850	-	3050	2719	800	
989	CCL PHULBASIA LINE NO.4	G12	2303.46	3850	-	3050	2719	800	
990	NCL DCH Wharfwall	G10	3941.5	4545	4102	4960	4414	-415	-312
991	CCL PHULBASIA LINE NO.4	G12	3952.34	3850	-	3539	3333	311	
992	SECL Old Kusmunda siding	G11	3780.6	4732	4541	3201	2954	1531	1587

993	SECL Old Kusmunda siding	G11	3927.4	3442	3262	3511	3222	-69	40
994	CCL PHULBASIA LINE NO.4	G12	3996.33	3850	-	3518	3345	332	
995	NCL DCH Wharfwall	G10	3989	4466	4063	3349	3093	1117	970
996	NCL DCH Wharfwall	G10	4040	4508	4106	3325	3105	1183	1001
997	CCL Dakra Manual	G9	912.6	4253	3971	3814	3591	439	380
998	CCL Dakra Manual	G9	3139.8	3737	3425	3814	3591	-77	-166
999	NCL JINGURDAHA	G11	3969.6	2532	2289	2277	2101	255	188
1000	NCL DCH Silo	G10	4160.6	4428	4007	3820	3383	608	624
1001	SECL New Kusmunda siding	G11	3938.7	3518	3409	3653	3424	-135	-15
1002	CCL SHIVPOOR LINE NO.1	G12	3992.5	3401	3033	4076	3545	-675	-512
1003	CCL Rajdhar	G9	3950.6	3985	3835	4208	3825	-223	10
1004	NCL DCH Wharfwall	G10	4068.6	4509	4045	3804	3407	705	638
1005	CCL Churi Sdg	G8	732.6	4995	4727	4209	3964	786	763
1006	CCL Churi Sdg	G8	3301.5	4233	4160	4209	3964	24	196
1007	CCL Rajdhar Line 2	G10	2680.68	4165	4033	3656	3390	509	643
1008	CCL Rajdhar Line 2	G10	1357.32	3853	3704	3656	3390	197	314
1009	CCL PHULBASIA LINE NO.4	G11	894	4150	-	3531	3191	619	
1010	CCL PHULBASIA LINE NO.4	G12	3133.6	3850	-	3531	3191	319	
1011	CCL Churi Sdg	G8	605.7	4662	4829	4371	4150	291	679
1012	CCL Churi Sdg	G8	3252.42	4332	4256	4371	4150	-39	106
1013	CCL PHULBASIA LINE NO.4	G12	1584.9	3850	-	3534	3266	316	
1014	CCL PHULBASIA LINE NO.4	G11	2406.9	4150	-	3534	3266	616	
1015	NCL DCH Wharfwall	G10	4189	4344	3906	3779	3503	565	403
1016	CCL PHULBASIA LINE NO.4	G11	1947.02	4150	-	3442	3159	708	
1017	CCL PHULBASIA LINE NO.4	G12	2045.42	3850	-	3442	3159	408	
1018	CCL PHULBASIA LINE NO.4	G11	916.8	4150	-	3172	2974	978	
1019	CCL PHULBASIA LINE NO.4	G12	3081.1	3850	-	3172	2974	678	
1020	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3796.7	4500	4231	4260	3998	240	233
1021	NCL Bina siding	G10	4034.3	3965	3625	3819	3491	146	134
1022	CCL SHIVPOOR LINE NO.1	G12	3945.6	3338	3182	3357	2994	-19	188
1023	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3773	3527	3332	3662	3334	-135	-2
1024	CCL BALUMATH Siding	G11	3992.6	3149	2979	3046	2747	103	232
1025	CCL PHULBASIA LINE NO.4	G11	1945.9	4150	-	3702	3329	448	
1026	CCL PHULBASIA LINE NO.4	G12	2020.8	3850	-	3702	3329	148	
1027	WCL Ukni OCM (WANI)	G11	3957.8	4599	4199	3990	3701	609	498
1028	CCL PHULBASIA LINE NO.4	G11	889.97	4150	-	3269	3110	881	
1029	CCL PHULBASIA LINE NO.4	G12	3108.31	3850	-	3269	3110	581	
1030	CCL PHULBASIA LINE NO.4	G11	1881.3	4150	-	4013	3706	137	
1031	CCL PHULBASIA LINE NO.4	G12	2023.8	3850	-	4013	3706	-163	
1032	NCL JINGURDAHA	G11	4021.9	1604	1436	1932	1791	-328	-355
1033	SECL New Kusmunda siding	G11	3899.9	3723	3511	3629	3502	94	9
1034	CCL Churi Sdg	G8	3071.01	4898	4743	4074	3823	824	920
1035	CCL Churi Sdg	G8	730.84	4967	4740	4074	3823	893	917
1036	CCL PHULBASIA LINE NO.4	G11	1952.32	4150	-	3643	3360	507	

1037	CCL PHULBASIA LINE NO.4	G12	2013.22	3850	-	3643	3360	207	
1038	NCL DCH Wharfwall	G10	4047	4371	3926	3330	3046	1041	880
1039	WCL Ukni OCM (WANI)	G11	4138.2	4229	3845	3760	3488	469	357
1040	SECL Old Kusmunda siding	G11	3891.7	3808	3547	4302	3914	-494	-367
1041	NCL JINGURDAHA	G11	3860.8	2610	2318	2114	1931	496	387
1042	CCL PHULBASIA LINE NO.4	G11	1796.18	4150	-	3286	2986	864	
1043	CCL PHULBASIA LINE NO.4	G12	2022.38	3850	-	3286	2986	564	
1044	SECL DIPIKA II colliery siding	G10	4095	4731	4464	4106	3764	625	700
1045	WCL Ukni OCM (WANI)	G11	3761.3	4375	4006	3623	3380	752	626
1046	CCL PHULBASIA LINE NO.4	G11	2065	4150	-	3184	2903	966	
1047	CCL PHULBASIA LINE NO.4	G12	1936.5	3850	-	3184	2903	666	
1048	NCL DCH Wharfwall	G10	4025.6	4528	4068	3977	3546	551	522
1049	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3927.7	3455	3149	3759	3386	-304	-237
1050	WCL Ukni OCM (WANI)	G11	3906.4	4175	3846	3397	3074	778	772
1051	NCL JINGURDAHA	G11	3859.5	3105	2817	2589	2436	516	381
1052	CCL PHULBASIA LINE NO.4	G11	1952.03	4150	-	3476	3144	674	
1053	CCL PHULBASIA LINE NO.4	G12	1998.21	3850	-	3476	3144	374	
1054	CCL BACHRA SDG	WC(NC)	3833	5143	5154	3806	3591	1337	1563
1055	CCL PHULBASIA LINE NO.4	G11	752.5	4150	-	3290	3093	860	
1056	CCL PHULBASIA LINE NO.4	G12	3226.7	3850	-	3290	3093	560	
1057	CCL PHULBASIA LINE NO.4	G11	757.8	4150	-	3242	3030	908	
1058	CCL PHULBASIA LINE NO.4	G12	3234.5	3850	-	3242	3030	608	
1059	CCL PHULBASIA LINE NO.4	G11	2025.61	4150	-	3427	3145	723	
1060	CCL PHULBASIA LINE NO.4	G12	1956.88	3850	-	3427	3145	423	
1061	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4066.1	4339	4215	4310	4097	29	118
1062	CCL SHIVPOOR LINE NO.1	G12	3888.1	2910	2715	3322	2960	-412	-245
1063	NCL DCH Wharfwall	G10	4109.2	4337	3898	3649	3355	688	543
1064	NCL Spur Siding	G7	1083.88	5566	5064	4441	3934	1125	1130
1065	NCL Spur Siding	G10	2748.19	5355	4975	4441	3934	914	1041
1066	NCL Spur Siding	G7	1240.8	5260	4884	5311	4700	-51	184
1067	NCL Spur Siding	G10	2720.4	5328	4844	5311	4700	17	144
1068	NCL Bina Wharfwall	G10	2064.2	4201	3822	3685	3414	516	408
1069	NCL Bina Wharfwall	G8	1758.1	5418	4982	3643	3155	1775	1827
1070	NCL Spur Siding	G7	1616.1	5449	4980	5178	4890	271	90
1071	NCL Spur Siding	G10	2178.1	4835	4390	5178	4890	-343	-500
1072	NCL Spur Siding	G7	1650.6	5069	4678	5000	4437	69	241
1073	NCL Spur Siding	G10	2249.72	5090	4726	5000	4437	90	289
1074	NCL Spur Siding	G10	2448.4	4816	4403	4890	4425	-74	-22
1075	NCL Spur Siding	G7	1558.2	5109	4659	4890	4425	219	234
1076	NCL Bina Wharfwall	G10	1920.5	3782	3411	3636	3317	146	94
1077	NCL Bina Wharfwall	G8	2205.9	5690	5436	4589	4166	1101	1270
1078	NCL Spur Siding	G10	2383.4	5427	5013	5115	4426	312	587
1079	NCL Spur Siding	G7	1446.48	5601	5179	5115	4426	486	753
1080	NCL SPUR LINE NO.II	G9	2864.35	4218	3960	3889	3461	329	499

1081	NCL SPUR LINE NO.II	G10	975.55	3783	3453	3889	3461	-106	-8
1082	NCL Bina Wharfwall	G10	2075	4505	4211	4599	4156	-94	55
1083	NCL Bina Wharfwall	G8	1830.4	4692	4126	4985	4683	-293	-557
1084	NCL Spur Siding	G7	1428.9	5592	5133	5410	4886	182	247
1085	NCL Spur Siding	G10	2484.5	4999	4613	5410	4886	-411	-273
1086	NCL Bina Wharfwall	G10	2003.2	4170	3781	4184	3711	-14	70
1087	NCL Bina Wharfwall	G8	1450.9	5764	5259	5341	4617	423	642
1088	NCL Spur Siding	G7	1379.04	5554	5104	5445	4993	109	111
1089	NCL Spur Siding	G10	2345.36	5076	4684	5445	4993	-369	-309
1090	NCL SPUR LINE NO.II	G9	2989.43	4680	4293	3977	3699	703	594
1091	NCL SPUR LINE NO.II	G10	994.12	3812	3426	3977	3699	-165	-273
1092	NCL Spur Siding	G7	1451.69	5342	4913	5555	4859	-213	54
1093	NCL Spur Siding	G10	2376.61	5105	4654	5555	4859	-450	-205
1094	NCL SPUR LINE NO.II	G9	2936.42	4206	3883	3874	3541	332	342
1095	NCL SPUR LINE NO.II	G10	991.44	3616	3259	3874	3541	-258	-282
1096	NCL Bina Wharfwall	G10	2375	3724	3458	3602	3338	122	120
1097	NCL Bina Wharfwall	G8	1577.5	5472	5074	4701	4228	771	846
1098	NCL Spur Siding	G7	1391.36	5574	5000	5033	4554	541	446
1099	NCL Spur Siding	G10	2358.36	5174	4682	5033	4554	141	128
1100	NCL Bina Wharfwall	G10	2479	4265	3872	3589	3419	676	453
1101	NCL Bina Wharfwall	G8	1445.1	5391	5076	3760	3470	1631	1606
1102	NCL Spur Siding	G7	1504	5178	4767	4913	4634	265	133
1103	NCL Spur Siding	G10	2439.7	4755	4327	4913	4634	-158	-307
1104	NCL Bina Wharfwall	G10	2445.4	4015	3690	3846	3420	169	270
1105	NCL Bina Wharfwall	G8	1452.7	4780	4421	3984	3747	796	674
1106	NCL Spur Siding	G10	1843.18	4906	4435	5124	4646	-218	-211
1107	NCL Spur Siding	G7	1924.24	5367	4904	5124	4646	243	258
1108	NCL Spur Siding	G7	1949	5383	4892	5237	4852	146	40
1109	NCL Spur Siding	G10	1795.9	4869	4455	5237	4852	-368	-397
1110	NCL Spur Siding	G7	1965.69	4909	4476	4272	3912	637	564
1111	NCL Spur Siding	G10	1849.35	4772	4361	4272	3912	500	449
1112	NCL SPUR LINE NO.II	G9	3053	4646	4296	4572	4237	74	59
1113	NCL SPUR LINE NO.II	G10	1065	3847	3585	4572	4237	-725	-652
1114	NCL SPUR LINE NO.II	G9	2869.27	4642	4328	3891	3579	751	749
1115	NCL SPUR LINE NO.II	G10	996.68	3925	3616	3891	3579	34	37
1116	NCL Spur Siding	G10	2025.9	4375	4178	4213	3794	162	384
1117	NCL Spur Siding	G7	2121	3577	3273	4213	3794	-636	-521
1118	NCL SPUR LINE NO.II	G9	2959.37	4612	4330	3926	3607	686	723
1119	NCL SPUR LINE NO.II	G10	1004.88	4641	4339	3926	3607	715	732
1120	NCL Spur Siding	G10	1894.94	4433	4024	3595	3283	838	741
1121	NCL Spur Siding	G7	2015.5	4859	4383	3595	3283	1264	1100
1122	NCL SPUR LINE NO.II	G9	2976.32	4228	3985	3414	3015	814	970
1123	NCL SPUR LINE NO.II	G10	1026.49	3627	3404	3414	3015	213	389
1124	NCL SPUR LINE NO.II	G9	2995.2	4286	4074	4045	3608	241	466

1125	NCL SPUR LINE NO.II	G10	1003.1	3723	3468	4045	3608	-322	-140
1126	NCL SPUR LINE NO.II	G9	3028.3	4690	4310	3764	3483	926	827
1127	NCL SPUR LINE NO.II	G10	1042.8	3770	3436	3764	3483	6	-47
1128	NCL DCH Wharfwall	G10	3996.7	4222	3781	4269	3846	-47	-65
1129	NCL DCH Wharfwall	G10	4106.4	4401	3949	3633	3322	768	627
1130	NCL SPUR LINE NO.II	G9	2914.9	4344	4185	4453	4101	-109	84
1131	NCL SPUR LINE NO.II	G10	1029.4	3570	3357	4453	4101	-883	-744
1132	CCL BACHRA SDG	WP1NC)	3975.1	4834	4739	3805	3503	1029	1236
1133	NCL Bina Wharfwall	G11	2276.3	4593	4162	3940	3552	653	610
1134	NCL Bina Wharfwall	G8	1574.9	5375	4937	4121	3745	1254	1192
1135	SECL New Kusmunda siding	G11	4126	3769	3619	3573	3230	196	389
1136	CCL Rajdhar	G9	3881.8	4225	4141	3752	3410	473	731
1137	NCL DCH Wharfwall	G10	4033.8	4797	4351	3502	3164	1295	1187
1138	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3869.1	4494	4277	4302	3894	192	383
1139	WCL Ukni OCM (WANI)	G11	3890.6	4614	4316	3790	3473	824	843
1140	NCL Spur Siding	G7	1896.36	4944	4459	4712	4376	232	83
1141	NCL Spur Siding	G10	1851.8	4517	4105	4712	4376	-195	-271
1142	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3967.4	4409	4178	3764	3456	645	722
1143	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3801.2	4083	3919	4201	3873	-118	46
1144	NCL SPUR LINE NO.II	G9	2930.88	4751	4326	4663	4270	88	56
1145	NCL SPUR LINE NO.II	G10	1006.5	3844	3555	4663	4270	-819	-715
1146	NCL SPUR LINE NO.II	G9	3010	4377	4184	4196	3752	181	432
1147	NCL SPUR LINE NO.II	G10	1055.7	3738	3481	4196	3752	-458	-271
1148	NCL DCH Wharfwall	G10	4166.7	4624	4171	2924	2687	1700	1484
1149	NCL Bina Wharfwall	G11	2364.9	3855	3500	3420	3149	435	351
1150	NCL Bina Wharfwall	G8	1457.3	4815	4330	5865	5376	-1050	-1046
1151	NCL DCH Silo	G10	4061	4517	4082	3804	3518	713	564
1152	NCL DCH Silo	G10	4161.4	4003	3771	3689	3405	314	366
1153	NCL Bina Wharfwall	G11	1943	3577	3279	2832	2574	745	705
1154	NCL Bina Wharfwall	G8	1970.6	4799	4379	4619	4188	180	191
1155	WCL Ukni OCM (WANI)	G11	4067.3	4452	4129	3342	3054	1110	1075
1156	NCL JINGURDAHA	G11	4001.8	2943	2682	2560	2271	383	411
1157	CCL SHIVPOOR LINE NO.4	G13	3991.8	2776	2583	2971	2629	-195	-46
1158	CCL PHULBASIA LINE NO.4	G11	1934.7	4150	-	3230	2931	920	
1159	CCL PHULBASIA LINE NO.4	G12	2060.2	3850	-	3230	2931	620	
1160	NCL Spur Siding	G7	1948.19	4939	4577	4824	4190	115	387
1161	NCL Spur Siding	G10	1838.98	4615	4348	4824	4190	-209	158
1162	CCL BIRDS SOUNDA-D Colliery	G8	2976.45	5931	5751	4670	4191	1261	1560
1163	CCL BIRDS SOUNDA-D Colliery	G9	1012.86	5800	5709	4670	4191	1130	1518
1164	CCL SHIVPOOR LINE NO.4	G11	4045.3	2646	2515	3278	2895	-632	-380
1165	CCL BIRDS SOUNDA-D Colliery	G8	2934.4	5066	4653	4625	4284	441	369
1166	CCL BIRDS SOUNDA-D Colliery	G9	1034.1	5348	5210	4625	4284	723	926
1167	WCL Ukni OCM (WANI)	G11	4000.9	4352	4100	3721	3371	631	729
1168	CCL PHULBASIA LINE NO.4	G12	2051.02	3850	-	3282	3037	568	

1169	CCL PHULBASIA LINE NO.4	G11	1907.97	4150	-	3282	3037	868	
1170	NCL DCH Wharfwall	G10	3464.5	4421	3979	3674	3300	747	679
1171	CCL PHULBASIA LINE NO.4	G11	1869.08	4150	-	3294	2948	856	
1172	CCL PHULBASIA LINE NO.4	G12	1934.53	3850	-	3294	2948	556	
1173	SECL DIPIKA II colliery siding	G11	3837.6	4979	4828	4110	3741	869	1087
1174	NCL Spur Siding	G7	2017.6	5124	4673	4363	3940	761	733
1175	NCL Spur Siding	G10	1894.3	4821	4373	4363	3940	458	433
1176	CCL KARGALI WASHERY	W-IV/ROM WR4	3935	4837	4715	5091	4624	-254	91
1177	NCL DCH Wharfwall	G10	3983.7	4539	4125	3840	3566	699	559
1178	CCL PHULBASIA LINE NO.4	G11	1915.6	4150	-	3399	3142	751	
1179	CCL PHULBASIA LINE NO.4	G12	2065.5	3850	-	3399	3142	451	
1180	NCL JINGURDAHA	G11	4136	2582	2387	2722	2465	-140	-78
1181	CCL BIRDS SOUNDA-D Colliery	G8	2979.77	5608	5473	4905	4467	703	1006
1182	CCL BIRDS SOUNDA-D Colliery	G9	1023.92	5200	5003	4905	4467	295	536
1183	NCL SPUR LINE NO.II	G9	3071.99	4633	4284	4023	3644	610	640
1184	NCL SPUR LINE NO.II	G10	1039.22	3726	3476	4023	3644	-297	-168
1185	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3946.1	3722	3624	3028	2767	694	857
1186	CCL PHULBASIA LINE NO.4	G11	1973.68	4150	-	3477	3156	673	
1187	CCL PHULBASIA LINE NO.4	G12	2022.66	3850	-	3477	3156	373	
1188	WCL Ukni OCM (WANI)	G11	3909.6	4801	4514	3868	3461	933	1053
1189	CCL BIRDS SOUNDA-D Colliery	G8	2944.02	5457	5039	4547	4175	910	864
1190	CCL BIRDS SOUNDA-D Colliery	G7	1021.72	4978	4542	4547	4175	431	367
1191	NCL SPUR LINE NO.II	G9	2964.58	4782	4465	3841	3528	941	937
1192	NCL SPUR LINE NO.II	G10	1043.45	3825	3523	3841	3528	-16	-5
1193	SECL Kusmunda Silo Pvt Sdg	G11	4094.6	4150	-	4352	4042	-202	
1194	CCL PHULBASIA LINE NO.4	G11	755	4150	-	3190	2956	960	
1195	CCL PHULBASIA LINE NO.4	G12	3166.4	3850	-	3190	2956	660	
1196	NCL Spur Siding	G10	1873.39	3648	3377	3949	3533	-301	-156
1197	NCL Spur Siding	G7	1992.28	4751	4327	3949	3533	802	794
1198	NCL DCH Wharfwall	G10	3953.7	4495	4091	3964	3596	531	495
1199	NCL DCH Wharfwall	G10	3997.8	4720	4305	3725	3455	995	850
1200	CCL PHULBASIA LINE NO.4	G11	748.18	4150	-	3485	3281	665	
1201	CCL PHULBASIA LINE NO.4	G12	3247.35	3850	-	3485	3281	365	
1202	WCL Ukni OCM (WANI)	G11	3979.5	4480	4314	4161	3942	319	372
1203	CCL PHULBASIA LINE NO.4	G12	2045.02	3850	-	3227	2949	623	
1204	CCL PHULBASIA LINE NO.4	G11	1948.24	4150	-	3227	2949	923	
1205	SECL Kusmunda Silo Pvt Sdg	G11	4092.8	4150	-	4458	4022	-308	
1206	SECL Kusmunda Silo Pvt Sdg	G11	4148.9	4150	-	4569	4109	-419	
1207	CCL PHULBASIA LINE NO.4	G11	776.5	4150	-	3372	3112	778	
1208	CCL PHULBASIA LINE NO.4	G12	3277.2	3850	-	3372	3112	478	
1209	CCL BACHRA SDG	WP1NC)	4029.6	5122	4878	4122	3854	1000	1024
1210	CCL PHULBASIA LINE NO.4	G11	1834.72	4150	-	3234	2934	916	
1211	CCL PHULBASIA LINE NO.4	G12	2107.8	3850	-	3234	2934	616	
1212	CCL Jarangdih Line No. II	W-IV/ROM WR4	1755.8	4871	4479	3734	3223	1137	1256

1213	CCL Jarangdih Line No. II	W-V/ROM WR5	2262.38	4543	4802	3734	3223	809	1579
1214	SECL Old Kusmunda siding	G11	3995	3898	3776	3687	3395	211	381
1215	NCL Spur Siding	G10	1874.4	4086	3678	4283	3949	-197	-271
1216	NCL Spur Siding	G7	2018.3	4765	4529	4283	3949	482	580
1217	NCL JINGURDAHA	G11	4039.9	1829	1662	2124	1963	-295	-301
1218	NCL DCH Wharfwall	G10	3813.6	4586	4218	3471	3197	1115	1021
1219	SECL Kusmunda Silo Pvt Sdg	G11	3985.3	4150	-	4372	4008	-222	
1220	WCL Ukni OCM (WANI)	G11	3998.8	4292	3995	3559	3232	733	763
1221	NCL Spur Siding	G10	1923.8	3830	3440	4774	4228	-944	-788
1222	NCL Spur Siding	G7	2029.2	4517	4269	4774	4228	-257	41
1223	NCL Bina Wharfwall	G11	2248.3	4445	4074	3420	3099	1025	975
1224	NCL Bina Wharfwall	G8	1633	5097	4666	5252	4713	-155	-47
1225	CCL SHIVPOOR LINE NO.1	G12	3921.6	2949	2731	3693	3351	-744	-620
1226	WCL Ukni OCM (WANI)	G11	4117.4	4526	4346	3400	3057	1126	1289
1227	CCL PHULBASIA LINE NO.4	G11	1921	4150	-	3566	3205	584	
1228	CCL PHULBASIA LINE NO.4	G12	2082.4	3850	-	3566	3205	284	
1229	NCL DCH Wharfwall	G10	4105.7	4757	4306	4325	4188	432	118
1230	NCL Spur Siding	G10	1914.1	4122	3710	3411	3175	711	535
1231	NCL Spur Siding	G7	1995.82	4184	3790	3411	3175	773	615
1232	CCL Tarmi Colliery Bhandaridah	W-V/ROM WR5	3506.6	4635	4527	4121	3574	514	953
1233	NCL JINGURDAHA	G13	4054	2463	2206	2307	2073	156	133
1234	SECL Old Kusmunda siding	G11	3975.7	4177	4011	3529	3144	648	867
1235	CCL PHULBASIA LINE NO.4	G11	1452.1	4150	-	3260	2959	890	
1236	CCL PHULBASIA LINE NO.4	G12	2552.2	3850	-	3260	2959	590	
1237	NCL Spur Siding	G10	1888.32	3898	3520	3861	3625	37	-105
1238	NCL Spur Siding	G7	2055.88	4325	4062	3861	3625	464	437
1239	NCL DCH Wharfwall	G10	4189	4268	3865	5053	4804	-785	-939
1240	CCL PHULBASIA LINE NO.4	G11	750.64	4150		3565	3341	585	
1241	CCL PHULBASIA LINE NO.4	G12	3187.33	3850	-	3565	3341	285	
1242	SECL New Kusmunda siding	G11	3921.7	3381	3216	3408	3185	-27	31
1243	NCL DCH Silo	G10	4046.2	4425	4054	4245	3813	180	241
1244	WCL Ukni OCM (WANI)	G11	3671.1	4389	4101	3350	3084	1039	1017
1245	NCL Spur Siding	G7	2018.88	4827	4458	4355	4084	472	374
1246	NCL Spur Siding	G10	1904.64	4393	4071	4355	4084	38	-13
1247	NCL DCH Wharfwall	G10	3864.9	4174	3874	3572	3323	602	551
1248	NCL SPUR LINE NO.II	G9	2999.78	4158	3934	4238	3913	-80	21
1249	NCL SPUR LINE NO.II	G10	1032.22	4059	3791	4238	3913	-179	-122
1250	NCL SPUR LINE NO.II	G9	3027.29	4347	4042	3462	3321	885	721
1251	NCL SPUR LINE NO.II	G10	1008.11	3835	3477	3462	3321	373	156
1252	NCL JINGURDAHA	G13	4131.9	2396	2160	2071	3321	325	-1161
1253	SECL Kusmunda Silo Pvt Sdg	G11	3951.8	4150	-	3644	3415	506	
1254	NCL DCH Wharfwall	G10	3817.7	4801	4390	3718	3393	1083	997
1255	WCL Ukni OCM (WANI)	G11	3977.4	4277	3996	3605	3454	672	542
1256	WCL Kolarpimpri OCM (WANI)	G10	2807.24	4341	4112	3542	3338	799	774

1257	WCL Kolarpimpri OCM (WANI)	G13	1388.96	3610	3350	3542	3338	68	12
1258	NCL DCH Wharfwall	G10	4069.6	4763	4015	3949	3666	814	349
1259	NCL DCH Wharfwall	G10	4135.8	4417	4084	3604	3264	813	820
1260	CCL Rajdhar	G9	4082.2	4228	4058	3986	3546	242	512
1261	CCL Jarandin Pvt. Sdg	W-V/ROM WR5	3832.4	4700	4600	4663	4164	37	436
1262	NCL SPUR LINE NO.II	G9	3024.01	4136	3824	4150	3830	-14	-6
1263	NCL SPUR LINE NO.II	G10	997.07	3604	3337	4150	3830	-546	-493
1264	SECL Kusmunda Silo Pvt Sdg	G11	4112.7	4150	-	3387	3134	763	
1265	CCL Kuju New siding	G6	1601.64	4806	4652	4403	4098	403	554
1266	CCL Kuju New siding	G6	2347.22	4456	4305	4403	4098	53	207
1267	WCL Ukni OCM (WANI)	G11	4050.9	4245	4036	3805	3551	440	485
1268	CCL SHIVPOOR LINE NO.4	G13	3876.4	3276	3128	3611	3284	-335	-156
1269	CCL SHIVPOOR LINE NO.4	G13	3949.6	3336	3235	3955	3623	-619	-388
1270	NCL DCH Wharfwall	G10	4020.1	4459	4091	4736	4410	-277	-319
1271	NCL JINGURDAHA	G13	4011.1	2251	2044	2349	2156	-98	-112
1272	SECL Kusmunda Silo Pvt Sdg	G11	4152.7	4150	-	3999	3741	151	
1273	WCL Kolarpimpri OCM (WANI)	G10	2662.92	4242	3982	3937	3624	305	358
1274	WCL Kolarpimpri OCM (WANI)	G13	1427	4335	3969	3937	3624	398	345
1275	WCL Kolarpimpri OCM (WANI)	G10	3933.3	4357	4084	3941	3707	416	377
1276	CCL SHIVPOOR LINE NO.4	G13	3865.7	3259	3174	3594	3140	-335	34
1277	WCL Chargaon Col Sdg (New Majri OC II)(CGM)	G11	4060.5	4012	3785	3267	3101	745	684
1278	CCL SHIVPOOR LINE NO.4	G13	3773.6	3297	3107	3636	3332	-339	-225
1279	NCL DCH Wharfwall	G10	3950.6	4479	4052	3617	3428	862	624
1280	NCL Bina Coll Sdg	G10	4061.6	3973	3567	3778	3532	195	35
1281	WCL Ukni OCM (WANI)	G11	4138.8	4529	4380	3746	3488	783	892
1282	SECL Kusmunda Silo Pvt Sdg	G11	4154.6	4150	-	3258	3095	892	
1283	CCL PHULBASIA LINE NO.4	G12	2036.19	3850	-	3297	3118	553	
1284	CCL PHULBASIA LINE NO.4	G11	1959.66	4150	-	3297	3118	853	
1285	NCL Spur Siding	G7	1946.3	5275	4846	4100	3929	1175	917
1286	NCL Spur Siding	G10	1895.2	4775	4475	4100	3929	675	546
1287	NCL Bina Wharfwall	G11	1935.4	3404	3076	3043	2786	361	290
1288	NCL Bina Wharfwall	G8	2552.6	5214	4888	3719	3406	1495	1482
1289	NCL JINGURDAHA	G13	3897.6	2860	2619	2875	2558	-15	61
1290	SECL Kusmunda Silo Pvt Sdg	G11	4154.5	4150	-	3023	2672	1127	
1291	SECL Old Kusmunda siding	G11	3977.4	4150	-	3063	2826	1087	
1292	NCL Spur Siding	G7	1887.46	5500	5009	4377	4213	1123	796
1293	NCL Spur Siding	G10	1895.79	4445	5012	4377	4213	68	799
1294	WCL Ukni OCM (WANI)	G11	3987.9	4428	4150	3292	3105	1136	1045
1295	WCL Kolarpimpri OCM (WANI)	G10	2682.6	4545	4228	3536	3256	1009	972
1296	WCL Kolarpimpri OCM (WANI)	G13	1371.8	3832	3579	3536	3256	296	323
1297	NCL Spur Siding	G7	1934.8	5159	4801	4282	4035	877	766
1298	NCL Spur Siding	G10	1932.7	4514	4165	4282	4035	232	130
1299	WCL NEW PANDHAR PAVANI(Gouri Deep OCM)(WCF)	G12	3803.1	3972	3721	3312	3203	660	518

1300	CCL SHIVPOOR LINE NO.4	G13	3982.7	3499	3381	3714	3462	-215	-81
1301	SECL Kusmunda Silo Pvt Sdg	G11	4069.7	4150	-	3359	3208	791	
1302	SECL Kusmunda Silo Pvt Sdg	G11	4106.5	4150	-	3105	2889	1045	
1303	WCL Kolarpimpri OCM (WANI)	G10	2589.75	4076	3827	3067	2807	1009	1020
1304	WCL Kolarpimpri OCM (WANI)	G13	1335.12	3825	3557	3067	2807	758	750
1305	NCL JINGURDAHA	G13	3884.2	2870	2643	3020	2866	-150	-223
1306	NCL Spur Siding	G7	1912.72	5267	4952	5272	4951	-5	1
1307	NCL Spur Siding	G10	1912.01	4164	3963	5272	4951	-1108	-988
1308	CCL SHIVPOOR LINE NO.1	G12	4033.4	4437	4246	3437	3190	1000	1056
1309	SECL Kusmunda Silo Pvt Sdg	G11	4140	4150	-	3621	3402	529	
1310	NCL DCH Wharfwall	G10	3868.5	4531	4234	4041	3854	490	380
1311	NCL Bina Wharfwall	G11	1991.6	4859	4536	3991	3499	868	1037
1312	NCL Bina Wharfwall	G8	1995.5	4768	4275	4011	3712	757	563
1313	NCL SPUR LINE NO.II	G9	2880.8	3932	3757	3935	3653	-3	104
1314	NCL SPUR LINE NO.II	G10	966.35	3631	3357	3935	3653	-304	-296
1315	CCL SHIVPOOR LINE NO.4	G13	3959.4	3591	3348	3070	2851	521	497
1316	CCL SHIVPOOR LINE NO.4	G13	4002.3	3053	2826	3667	3359	-614	-533
1317	SECL Kusmunda Silo Pvt Sdg	G11	4140.9	4150	-	3379	3191	771	
1318	SECL JUNADIH RAPID LOADING Sdg	G11	4152.1	4097	3918	3964	3643	133	275
1319	CCL SHIVPOOR LINE NO.4	G13	3991.2	3089	2897	3865	3547	-776	-650
1320	NCL DCH Wharfwall	G10	4081.7	4653	4337	3692	3395	961	942
1321	CCL SHIVPOOR LINE NO.4	G13	3993.9	3175	2976	3477	3176	-302	-200
1322	CCL SHIVPOOR LINE NO.4	G13	3998.6	3246	3080	3365	3056	-119	24
1323	WCL Ukni OCM (WANI)	G11	4106.5	3970	3852	3400	3173	570	679
1324	CCL SHIVPOOR LINE NO.4	G13	3996.8	3059	2897	3809	3541	-750	-644
1325	SECL Kusmunda Silo Pvt Sdg	G11	4143.9	4150	-	3964	3756	186	
1326	CCL SHIVPOOR LINE NO.4	G13	3984.4	3614	3414	4072	3817	-458	-403
1327	NCL SPUR LINE NO.II	G9	3032.33	4020	3702	3776	3510	244	192
1328	NCL SPUR LINE NO.II	G10	1002.35	3508	3254	3776	3510	-268	-256
1329	NCL JINGURDAHA	G13	4189	2918	2696	2473	2216	445	480
1330	SECL DIPIKA II colliery siding	G11	3671.8	3655	3436	3804	3641	-149	-205
1331	WCL NEW PANDHAR PAVANI(Gouri Deep OCM)(WCF)	G12	3995	4096	3839	3291	3092	805	747
1332	CCL SHIVPOOR LINE NO.4	G13	3982.2	3549	3302	3938	3592	-389	-290
1333	NCL DCH Silo	G10	4024.3	4811	4373	4371	4150	440	223
1334	NCL Spur Siding	G10	2004.5	5451	4991	4452	4104	999	887
1335	NCL Spur Siding	G10	2004.5	4814	4453	4452	4104	362	349
1336	SECL Old Kusmunda siding	G11	3905.8	4150	-	3666	3471	484	-
1337	NCL SPUR LINE NO.II	G9	2969.27	3694	3532	3218	2943	476	589
1338	NCL SPUR LINE NO.II	G10	1107.43	3626	3341	3218	2943	408	398
1339	WCL Ukni OCM (WANI)	G11	4040.6	4207	3993	3349	3104	858	889
1340	WCL NEW PANDHAR PAVANI(Gouri Deep OCM)(WCF)	G12	3968.8	4364	4178	3417	3269	947	909
1341	NCL DCH Wharfwall	G10	3874.3	4727	4330	3707	3503	1020	827
1342	CCL SHIVPOOR LINE NO.4	G13	3952.5	3624	3447	3849	3522	-225	-75

1343	CCL SHIVPOOR LINE NO.4	G13	3972.3	3714	3547	3624	3273	90	274
1344	NCL DCH Wharfwall	G10	4098.2	4814	4321	3646	3410	1168	911
1345	NCL JINGURDAHA	G13	4118	2947	2707	2577	2333	370	374
1346	SECL Kusmunda Silo Pvt Sdg	G11	4113.1	4150	-	3503	3315	647	-
1347	NCL SPUR LINE NO.II	G9	3274.7	4383	4052	3481	3266	902	786
1348	NCL SPUR LINE NO.II	G10	843.62	3505	3201	3481	3266	24	-65
1349	WCL Ukni OCM (WANI)	G11	4083.2	4602	4409	3697	3363	905	1046
1350	CCL SHIVPOOR LINE NO.4	G13	3936.8	3626	3518	3672	3365	-46	153
1351	CCL SHIVPOOR LINE NO.4	G13	3992	3396	3232	3283	3032	113	200
1352	NCL DCH Wharfwall	G10	4092	4400	3975	3253	3071	1147	904
1353	NCL JINGURDAHA	G13	3842.2	2814	2651	2921	2674	-107	-23
1354	NCL DCH Wharfwall	G10	3865.1	4602	4132	4062	3804	540	328
1355	CCL SHIVPOOR LINE NO.4	G13	3954.3	3630	3308	2724	2510	906	798
1356	NCL DCH Wharfwall	G10	3942.7	4568	4153	3877	3586	691	567
1357	CCL SHIVPOOR LINE NO.4	G13	3956.6	3305	3098	3882	3572	-577	-474
1358	CCL SHIVPOOR LINE NO.4	G13	3975.1	3719	3621	3380	3081	339	540
1359	SECL Kusmunda Silo Pvt Sdg	G11	4132.4	4150	-	3237	2916	913	-
1360	CCL SHIVPOOR LINE NO.4	G13	3965.1	3387	3227	3339	3059	48	168
1361	NCL Spur Siding	G7	2473.99	5485	4970	4985	4638	500	332
1362	NCL Spur Siding	G10	1344.16	4822	4436	4985	4638	-163	-202
1363	CCL SHIVPOOR LINE NO.4	G13	4000.1	3744	3481	3383	3107	361	374
1364	WCL NEW PANDHAR PAVANI(Gouri Deep OCM)(WCF)	G12	3903.7	3452	3202	2911	2679	541	523
1365	CCL SHIVPOOR LINE NO.4	G13	3986.4	3388	3137	3773	3327	-385	-190
1366	CCL SHIVPOOR LINE NO.4	G13	3974	3641	3375	3757	3425	-116	-50
1367	CCL SHIVPOOR LINE NO.4	G13	4001.2	3493	3390	3614	3205	-121	185
1368	WCL NEW PANDHAR PAVANI(Gouri Deep OCM)(WCF)	G12	4051.4	4051	3744	3329	3038	722	706
1369	SECL Kusmunda Silo Pvt Sdg	G11	4140.3	4150	-	3117	2778	1033	-
1370	CCL SHIVPOOR LINE NO.4	G13	3989.8	3122	2906	3494	3109	-372	-203
1371	NCL DCH Silo	G10	3909.6	4538	4093	4283	3921	255	172
1372	NCL Spur Siding	G7	2748.85	5645	5216	5393	4951	252	265
1373	NCL Spur Siding	G10	1297.7	5286	4884	5393	4951	-107	-67
1374	CCL SHIVPOOR LINE NO.4	G13	4009.8	3771	3566	3469	3272	302	294
1375	NCL DCH Wharfwall	G10	4189	4329	3900	3655	3299	674	601
1376	WCL Ukni OCM (WANI)	G11	3914.4	4336	4037	4043	3697	293	340
1377	CCL Rajdhar	G9	3737.4	4657	4535	4170	3911	487	624
1378	SECL Kusmunda Silo Pvt Sdg	G11	3899.5	4150	-	3914	3629	236	-
1379	NCL DCH Wharfwall	G10	3940.1	4333	3927	3110	2898	1223	1029
1380	WCL NEW PANDHAR PAVANI(Gouri Deep OCM)(WCF)	G12	3990	4180	4024	3193	3002	987	1022
1381	NCL SPUR LINE NO.II	G9	3434	4397	4021	4006	3621	391	400
1382	NCL SPUR LINE NO.II	G10	697	4030	3673	4006	3621	24	52
1383	CCL Jarangdih Line No. II	WC(NC)	1404.7	4836	4772	3540	3117	1296	1655
1384	CCL Jarangdih Line No. II	WC(NC)	2506	5092	4999	3540	3117	1552	1882

1385	WCL Ukni OCM (WANI)	G11	3997.7	4198	4034	3523	3211	675	823
1386	SECL Old Kusmunda siding	G11	3970.7	3877	3675	3939	3707	-62	-32
1387	CCL SHIVPOOR LINE NO.4	G13	3983.7	4055	3822	3552	3162	503	660
1388	CCL SHIVPOOR LINE NO.4	G13	3997.2	3947	3643	3152	2762	795	881
1389	CCL SHIVPOOR LINE NO.4	G13	3968.1	3242	3036	3168	2836	74	200
1390	CCL SHIVPOOR LINE NO.4	G13	3626.7	3196	3106	3632	3306	-436	-200
1391	NCL SPUR LINE NO.II	G9	3052.7	4939	4577	4499	4159	440	418
1392	NCL SPUR LINE NO.II	G10	708.7	3602	3295	4499	4159	-897	-864
1393	NCL Spur Siding	G7	2821.65	5323	4824	4067	3809	1256	1015
1394	NCL Spur Siding	G10	1342.9	4966	4504	4067	3809	899	695
1395	CCL SHIVPOOR LINE NO.4	G13	3985.4	3182	3055	3413	3047	-231	8
1396	NCL DCH Silo	G10	4158.2	4536	4082	4183	3818	353	264
1397	SECL Kusmunda Silo Pvt Sdg	G11	3913.8	4150	-	3834	3514	316	-
1398	CCL SHIVPOOR LINE NO.4	G13	3995.2	3462	3213	3332	2963	130	250
1399	CCL SHIVPOOR LINE NO.4	G13	3998	3226	3014	3490	3100	-264	-86
1400	NCL JINGURDAHA	G13	3827.8	2667	2423	2731	2403	-64	20
1401	NCL KRISHNASHILA CHP SIDING	G8	4091.6	3785	3466	3624	3222	161	244
1402	CCL SHIVPOOR LINE NO.4	G13	3985.2	3400	3215	3049	2740	351	475
1403	NCL Spur Siding	G7	2688.4	4736	4341	4918	4499	-182	-158
1404	NCL Spur Siding	G10	1274.9	5470	4960	4918	4499	552	461
1405	NCL Spur Siding	G7	2582.91	5589	5146	4397	3958	1192	1188
1406	NCL Spur Siding	G10	1281.67	4390	3956	4397	3958	-7	-2
1407	CCL SHIVPOOR LINE NO.4	G13	3989.1	3285	3027	3677	3271	-392	-244
1408	SECL JUNADIH RAPID LOADING Sdg	G11	4195.5	4151	3888	3141	2818	1010	1070
1409	WCL NEW PANDHAR PAVANI(Gouri Deep OCM)(WCF)	G12	3739.5	3801	3602	3264	3249	537	353
1410	WCL Ukni OCM (WANI)	G11	4007.2	4659	4429	3498	3239	1161	1190
1411	CCL SHIVPOOR LINE NO.4	G13	3920.7	3447	3289	3715	3348	-268	-59
1412	CCL SHIVPOOR LINE NO.4	G13	3994.6	3379	3221	3376	3041	3	180
1413	CCL SHIVPOOR LINE NO.4	G13	3921.5	3373	3201	3472	3087	-99	114
1414	WCL Ukni OCM (WANI)	G11	3417.4	4347	4169	3468	3211	879	958
1415	NCL SPUR LINE NO.II	G9	2982.69	4633	4272	4440	4119	193	153
1416	NCL SPUR LINE NO.II	G10	693.54	3130	2814	4440	4119	-1310	-1305
1417	NCL SPUR LINE NO.II	G10	349.9	3794	3391	4440	4119	-646	-728
1418	NCL JINGURDAHA	G13	4118	2541	2310	2308	2077	233	233
1419	WCL Ukni OCM (WANI)	G11	4035.8	4652	4469	3434	3087	1218	1382
1420	CCL Rajdhar	G9	3953.6	4156	3995	3319	3051	837	944
1421	WCL NEW PANDHAR PAVANI(Gouri Deep OCM)(WCF)	G12	3596.6	3970	3824	3282	3062	688	762
1422	NCL JINGURDAHA	G13	4015.4	2712	2445	2398	2146	314	299
1423	NCL Spur Siding	G7	2918.61	5112	4680	4728	4344	384	336
1424	NCL Spur Siding	G10	988.1	5213	4808	4728	4344	485	464
1425	SECL Kusmunda Silo Pvt Sdg	G11	3916.6	4150	-	4182	3935	-32	-
1426	CCL SHIVPOOR LINE NO.4	G13	4018.7	3018	2808	3399	3083	-381	-275
1427	SECL Kusmunda Silo Pvt Sdg	G11	3948.1	4150	-	3940	3659	210	-

1428	WCL Ukni OCM (WANI)	G11	3992.6	4547	4372	2987	2777	1560	1595
1429	NCL Spur Siding	G7	2870.65	6016	5539	4768	4301	1248	1238
1430	NCL Spur Siding	G10	877.31	5011	4619	4768	4301	243	318
1431	SECL Kusmunda Silo Pvt Sdg	G11	3907	4150	-	4580	4316	-430	-
1432	CCL SHIVPOOR LINE NO.4	G13	3987.9	3231	3073	3852	3453	-621	-380
1433	WCL NEW PANDHAR PAVANI(Gouri Deep OCM)(WCF)	G12	3660.8	3933	3638	2568	2369	1365	1269
1434	NCL JINGURDAHA	G13	3918.4	3087	2752	2766	2478	321	274
1435	WCL Ukni OCM (WANI)	G11	3895.8	4736	4580	3559	3320	1177	1260
1436	CCL SHIVPOOR LINE NO.4	G13	3987.3	3267	3041	3481	3039	-214	2
1437	CCL SHIVPOOR LINE NO.4	G13	3970.5	2981	2668	3629	3270	-648	-602
1438	NCL SPUR LINE NO.II	G8	355	4418	3995	3819	3465	599	530
1439	NCL SPUR LINE NO.II	G10	686.7	3581	4002	3819	3465	-238	537
1440	NCL SPUR LINE NO.II	G9	3038.2	3562	3201	3819	3465	-257	-264
1441	SECL Kusmunda Silo Pvt Sdg	G11	3915.7	4150	-	3854	3655	296	-
1442	NCL DCH Wharfwall	G10	3662.8	4792	4269	4769	4352	23	-83
1443	CCL SHIVPOOR LINE NO.4	G13	3991.1	3843	3714	3289	3009	554	705
1444	CCL SHIVPOOR LINE NO.4	G13	3965	3785	3543	4020	3549	-235	-6
1445	NCL JINGURDAHA	G13	3848.4	2748	2483	2290	2091	458	392
1446	WCL Ukni OCM (WANI)	G11	3843.1	3512	3210	2982	2801	530	409
1447	SECL Old Kusmunda siding	G11	3803.6	3781	3655	3691	3385	90	270
1448	NCL Bina Coll Sdg	G10	4140.8	5485	5107	3404	3059	2081	2048
1449	CCL SHIVPOOR LINE NO.4	G13	3946	3418	3265	3621	3313	-203	-48
1450	SECL Kusmunda Silo Pvt Sdg	G11	4176.2	4150	-	3015	2836	1135	-
1451	CCL SHIVPOOR LINE NO.4	G13	3974.9	3461	3295	3845	3484	-384	-189
1452	WCL Ukni OCM (WANI)	G11	3962.8	4782	4632	3621	3291	1161	1341
1453	WCL Ukni OCM (WANI)	G11	3982	4807	2911	3075	2823	1732	88
1454	NCL DCH Wharfwall	G10	3822.8	4146	3772	4065	3734	81	38
1455	CCL SHIVPOOR LINE NO.4	G13	3965	3601	3269	3664	3262	-63	7
1456	NCL Spur Siding	G7	2874.82	4407	4046	3451	3130	956	916
1457	NCL Spur Siding	G10	943.1	4728	4257	3451	3130	1277	1127
1458	WCL Ukni OCM (WANI)	G11	4004.8	4779	4656	4594	4307	185	349
1459	NCL Spur Siding	G7	2843.7	5206	4748	5090	4760	116	-12
1460	NCL Spur Siding	G10	886.84	4640	4206	5090	4760	-450	-554
1461	SECL DIPIKA II colliery siding	G11	3667.9	3912	3779	3469	3247	443	532
1462	CCL SHIVPOOR LINE NO.4	G13	3988.5	3421	3278	3251	2954	170	324
1463	CCL SHIVPOOR LINE NO.4	G13	3999.5	3398	3192	3595	3271	-197	-79
1464	NCL DCH Wharfwall	G10	3823.3	4608	4086	3478	3091	1130	995
1465	NCL SPUR LINE NO.II	G9	3020.2	4175	3809	4120	3710	55	99
1466	NCL SPUR LINE NO.II	G8	360.7	4436	4090	4120	3710	316	380
1467	NCL SPUR LINE NO.II	G10	672.1	3617	3298	4120	3710	-503	-412
1468	WCL NEW PANDHAR PAVANI(Gouri Deep OCM)(WCF)	G12	3817.7	3343	3130	3157	2954	186	176
1469	CCL PHULBASIA LINE NO.4	G11	2612.6	3540	3368	3713	3314	-173	54
1470	CCL PHULBASIA LINE NO.4	G11	1383.4	3421	3135	3713	3314	-292	-179

1471	NCL DCH Wharfwall	G10	4055.2	4407	3985	4577	4093	-170	-108
1472	CCL PHULBASIA LINE NO.4	G11	3992.2	3308	3085	3446	3046	-138	39
1473	CCL PHULBASIA LINE NO.4	G11	3992.2	3206	2941	3446	3046	-240	-105
1474	WCL Ukni OCM (WANI)	G11	3834.8	4503	4337	3764	3438	739	899
1475	CCL SHIVPOOR LINE NO.4	G13	3969.9	3558	3242	3356	2979	202	263
1476	WCL Ukni OCM (WANI)	G11	3888.5	4779	4558	3673	3389	1106	1169
1477	WCL Ukni OCM (WANI)	G11	3982.8	4854	4585	3770	3462	1084	1123
1478	WCL Ukni OCM (WANI)	G11	3980.4	4760	4483	3630	3398	1130	1085
1479	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3902	4137	3874	4284	3906	-147	-32
1480	NCL SPUR LINE NO.II	G9	2871	4034	3665	4264	3974	-230	-309
1481	NCL SPUR LINE NO.II	G8	345	4165	3754	4264	3974	-99	-220
1482	NCL SPUR LINE NO.II	G10	668	3793	3436	4264	3974	-471	-538
1483	WCL Ukni OCM (WANI)	G11	3760.5	4903	4745	3788	3543	1115	1202
1484	CCL SHIVPOOR LINE NO.1	G12	3962.3	3695	3283	3543	3127	152	156
1485	WCL Ukni OCM (WANI)	G11	3990.2	4516	4237	3688	3334	828	903
1486	NCL KRISHNASHILA CHP SIDING	G8	3874.1	6176	5788	3822	3510	2354	2278
1487	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3923.5	4410	4136	3522	3240	888	896
1488	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3902.2	4250	3989	3842	3532	408	457
1489	WCL Ukni OCM (WANI)	G11	4038	4637	4360	3937	3581	700	779
1490	NCL Bina Coll Sdg	DSC	3896.4	4869	4413	3234	2957	1635	1456
1491	NCL DCH Wharfwall	G10	4005.2	4574	4120	3241	2994	1333	1126
1492	WCL Ukni OCM (WANI)	G11	4118.9	4263	4003	3538	3233	725	770
1493	CCL PHULBASIA LINE NO.4	G11	1789.1	3366	3163	3233	2884	133	279
1494	CCL PHULBASIA LINE NO.4	G11	1932.3	3491	3255	3233	2884	258	371
1495	NCL DCH Silo	G10	3987.7	4202	3756	4208	3753	-6	3
1496	NCL DCH Wharfwall	G10	3997.9	4304	3895	3611	3257	693	638
1497	SECL Old Kusmunda siding	G11	3839.6	3735	3553	3263	3045	472	508
1498	NCL DCH Wharfwall	G10	3957.4	4545	4062	4112	3760	433	302
1499	NCL DCH Wharfwall	G10	3986.3	4356	3920	3386	2986	970	934
1500	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3925.6	4799	4442	3890	3553	909	889
1501	CCL SHIVPOOR LINE NO.4	G13	3996.6	3463	3213	3378	2962	85	251
1502	CCL SHIVPOOR LINE NO.4	G13	3976.8	3508	3150	3278	2940	230	210
1503	NCL DCH Wharfwall	G10	3948.1	4621	4170	3690	3260	931	910
1504	NCL DCH Wharfwall	G10	3889.8	4256	3788	3757	3358	499	430
1505	CCL SHIVPOOR LINE NO.1	G12	4000.6	3860	3630	3481	3029	379	601
1506	NCL JINGURDAHA	G13	4118	2919	2668	3018	2633	-99	35
1507	SECL Old Kusmunda siding	G11	3732.6	4040	3880	3815	3421	225	459
1508	NCL Bina Wharfwall	G11	3278.9	3777	3430	3544	3044	233	386
1509	NCL Bina Wharfwall	G8	671.00	5635	5226	3983	3418	1652	1808
1510	NCL JINGURDAHA	G13	3920.1	3118	2834	2860	2451	258	383
1511	CCL SHIVPOOR LINE NO.4	G13	3988.8	3787	3438	3544	3033	243	405
1512	NCL JINGURDAHA	G13	3968.3	3208	2900	3162	2774	46	126
1513	NCL JINGURDAHA	G13	3979.3	3347	3008	3301	2938	46	70
1514	SECL Old Kusmunda siding	G11	3947.9	3800	3570	3843	3424	-43	146

1515	NCL JINGURDAHA	G13	4118	3136	2845	3517	3152	-381	-307
1516	NCL DCH Wharfwall	G10	4014	3939	3531	2991	2688	948	843
1517	NCL JINGURDAHA	G13	4118	3398	3115	3285	2763	113	352
1518	SECL Old Kusmunda siding	G11	3938.5	4040	3731	3626	3262	414	469
1519	NCL JINGURDAHA	G13	4012.7	3123	2825	2984	2706	139	119
1520	WCL Ghugus (Mouda Dvt Out) (GGS)	G10	4114	4905	4659	3575	3149	1330	1510
1521	NCL DCH Wharfwall	G10	4060	4828	4338	3086	2811	1742	1527
1522	NCL DCH Wharfwall	G10	4060	4496	4083	3261	2965	1235	1118
1523	NCL DCH Wharfwall	G10	3880.4	4119	3777	3670	3380	449	397
1524	NCL DCH Wharfwall	G10	4060	4273	3842	4392	4017	-119	-175
1525	NCL DCH Wharfwall	G10	3992	4361	3867	3991	3696	370	171
1526	NCL Bina Wharfwall	G11	3944.4	3895	3519	3754	3454	141	65
1527	NCL Spur Siding	G7	2941.4	5594	5131	4780	4422	814	709
1528	NCL Spur Siding	G10	1024	3587	3264	4780	4422	-1193	-1158
1529	NCL DCH Wharfwall	G10	3526	4512	4046	3603	3329	909	717
1530	SECL New Kusmunda siding	G11	3770.8	3163	2994	3093	2873	70	121
1531	NCL Bina Wharfwall	G11	4130	4168	3788	3977	3604	191	184
1532	NCL Bina Wharfwall	G11	4021.4	4258	3855	4335	4006	-77	-151
1533	SECL Old Kusmunda siding	G11	2165.8	4274	4101	3543	3263	731	838
1534	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3953.3	3779	3465	4298	3967	-519	-502
1535	SECL Old Kusmunda siding	G11	3843.8	4026	3894	3078	2845	948	1049
1536	NCL DCH Wharfwall	G10	3920	4282	3877	3813	3395	469	482
1537	NCL DCH Silo	G10	3957.1	4202	-	4456	4023	-254	-
1538	NCL DCH Silo	G10	3744.5	4202	-	4634	4188	-432	-
1539	NCL DCH Silo	G10	3717.7	4202	-	4386	3919	-184	-
1540	NCL DCH Silo	G10	3585.2	4202	-	4452	4021	-250	-
1541	NCL DCH Silo	G10	4028.4	4202	-	4490	4062	-288	-
1542	NCL DCH Wharfwall	G10	3779.1	4847	4417	4373	3914	474	503
1543	NCL DCH Wharfwall	G10	3932.9	4370	3913	3955	3431	415	482
1544	WCL Ghugus (Mouda Dvt Out) (GGS)	G10	3949.9	3826	3471	2993	2605	833	866
1545	WCL Ukni OCM (WANI)	G11	4016.7	4539	4113	3852	3459	687	654
1546	SECL DIPIKA II colliery siding	G11	3909.4	4291	3826	4685	4200	-394	-374
1547	NCL DCH Wharfwall	G10	3989	4715	4257	3683	3301	1032	956
1548	WCL Ukni OCM (WANI)	G11	4016.2	4519	4046	3594	3205	925	841
1549	WCL Ukni OCM (WANI)	G11	3989.1	4287	4018	3571	3053	716	965
1550	NCL DCH Wharfwall	G10	4028.3	4293	3868	3710	3307	583	561
1551	WCL Ghugus (Mouda Dvt Out) (GGS)	G10	3999.6	3772	3408	3376	2969	396	439
1552	WCL Ukni OCM (WANI)	G11	3437.1	4545	4126	4036	3543	509	583
1553	WCL Chargaon Col Sdg (New Majri OC II)(CGM)	G11	3751.7	4591	4202	3778	3347	813	855
1554	NCL DCH Wharfwall	G10	3980.3	4565	4151	3987	3412	578	739
1555	NCL DCH Wharfwall	G10	3990	4489	4072	3388	2890	1101	1182
1556	NCL DCH Wharfwall	G10	4060	4488	4076	3500	3124	988	952
1557	SCCL Singareni OCM	G10	4007.02	4661	4559	4338	4046	323	513
1558	NCL Spur Siding	G7	1839.02	4914	4538	4613	4197	301	341

1559	NCL Spur Siding	G10	1969.84	4143	3810	4613	4197	-470	-387
1560	SCCL Singareni OCM	G10	4012.9	4594	4435	3792	3531	802	904
1561	NCL DCH Wharfwall	G10	4060	4236	3842	3955	3574	281	268
1562	WCL Ukni OCM (WANI)	G11	3990.2	4721	4341	3889	3491	832	850
1563	NCL SPUR LINE NO.II	G8	476.5	5056	4719	4876	4515	180	204
1564	NCL SPUR LINE NO.II	G9	2420.44	3899	3481	4876	4515	-977	-1034
1565	NCL SPUR LINE NO.II	G10	980.95	3298	2922	4876	4515	-1578	-1593
1566	WCL Ukni OCM (WANI)	G11	4030.4	4570	4148	3633	3275	937	873
1567	NCL DCH Wharfwall	G10	3943.9	4035	3673	4326	3649	-291	24
1568	NCL SPUR LINE NO.II	G9	2464.4	4447	3961	4775	4175	-328	-214
1569	NCL SPUR LINE NO.II	G8	490	3557	3139	4775	4175	-1218	-1036
1570	NCL SPUR LINE NO.II	G10	898.8	4578	4179	4775	4175	-197	4
1571	NCL DCH Wharfwall	G10	3664.9	4437	3987	3689	3200	748	787
1572	SCCL Singareni OCM	G10	4010.3	4296	4218	3806	3412	490	806
1573	SECL Old Kusmunda siding	G11	3850.4	4020	3613	3831	3437	189	176
1574	NCL DCH Wharfwall	G10	3738.4	4662	4228	3936	3556	726	672
1575	NCL Bina Wharfwall	G11	4042.9	4128	3729	3394	3052	734	677
1576	WCL Ukni OCM (WANI)	G11	3949.8	4886	4560	4060	3582	826	978
1577	WCL Ukni OCM (WANI)	G11	3905.9	4876	4528	3846	3489	1030	1039
1578	SECL Old Kusmunda siding	G11	3778.9	4175	3884	3863	3480	312	404
1579	SCCL Rudram Pur	G13	4031.2	3664	3430	3435	3055	229	375
1580	NCL Bina Wharfwall	G11	4031.7	4777	4398	3644	3306	1133	1092
1581	NCL Bina Wharfwall	G11	3980.9	4401	3980	3720	3359	681	621
1582	NCL Spur Siding	G7	2493.5	5078	4644	5435	4996	-357	-352
1583	NCL Spur Siding	G10	1135.3	3591	3263	5435	4996	-1844	-1733
1584	WCL Ukni OCM (WANI)	G11	3885.7	4604	4326	4118	3704	486	622
1585	SCCL Rudram Pur	G13	4089.3	3420	3144	3472	3102	-52	42
1586	NCL Spur Siding	G7	2557.24	5671	5255	5484	5055	187	200
1587	NCL Spur Siding	G10	1277.66	3387	3105	5484	5055	-2097	-1950
1588	NCL KRISHNASHILA CHP SIDING	G8	3969.4	3571	3190	4798	4387	-1227	-1197
1589	NCL DCH Silo	G10	4089.5	4202	-	4211	3813	-9	-
1590	WCL Ukni OCM (WANI)	G11	4095.2	4609	4388	3734	3374	875	1014
1591	NCL Spur Siding	G7	1214.5	4267	3984	4079	3700	188	284
1592	NCL Spur Siding	G10	2729.8	3417	3125	4079	3700	-662	-575
1593	WCL Ghugus (Mouda Dvt Out) (GGS)	G10	4060.8	4316	3954	4434	4065	-118	-111
1594	WCL Ukni OCM (WANI)	G11	3992.6	4416	4175	3687	3299	729	876
1595	NCL Spur Siding	G7	1321.6	4223	3880	3896	3516	327	364
1596	NCL Spur Siding	G10	2782.1	4301	3921	3896	3516	405	405
1597	SECL DIPIKA II colliery siding	G11	3908.6	2957	2712	3205	2847	-248	-135
1598	NCL Spur Siding	G7	1945.94	4510	4156	4177	3793	333	363
1599	NCL Spur Siding	G10	2057.1	3563	3305	4177	3793	-614	-488
1600	SECL DIPIKA II colliery siding	G11	3913.1	3166	2991	2724	2425	442	566
1601	WCL Ukni OCM (WANI)	G11	3904.9	4835	4611	3729	3351	1106	1260
1602	NCL Spur Siding	G7	2229.33	4808	4369	4504	4102	304	267

1603	NCL Spur Siding	G10	1719.25	3929	3539	4504	4102	-575	-563
1604	NCL DCH Silo	G10	4094	4202	-	3680	3373	522	-
1605	SCCL Rudram Pur	G13	4019.2	3394	3162	3341	3044	53	118
1606	NCL Spur Siding	G7	2100	5268	4875	4587	4259	681	616
1607	NCL Spur Siding	G10	1960	4492	4148	4587	4259	-95	-111
1608	NCL DCH Wharfwall	G10	3752.1	4238	3781	4030	3750	208	31
1609	WCL Ukni OCM (WANI)	G11	4007	4662	4322	3498	3204	1164	1118
1610	SCCL Singareni OCM	G10	4008.6	4504	4263	3750	3432	754	831
1611	SCCL Singareni OCM	G10	3942.5	4236	4091	4280	3917	-44	174
1612	NCL DCH Wharfwall	G10	3852.6	4145	3783	4898	4577	-753	-794
1613	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4030.3	4344	3989	3968	3726	376	263
1614	NCL DCH Silo	G10	4094.1	4202	-	3297	2977	905	-
1615	NCL DCH Wharfwall	G10	3897.5	4164	3810	3146	2843	1018	967
1616	NCL SPUR LINE NO.II	G9	1873.8	3437	3115	3932	3560	-495	-445
1617	NCL SPUR LINE NO.II	G10	1358.4	3148	2823	3932	3560	-784	-737
1618	NCL SPUR LINE NO.II	G8	676.3	5337	4902	3932	3560	1405	1342
1619	WCL Ukni OCM (WANI)	G11	3609.2	4647	4235	3476	3140	1171	1095
1620	WCL Ukni OCM (WANI)	G11	3900.6	4681	4229	4008	3649	673	580
1621	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3899	4456	4286	3424	3154	1032	1132
1622	NCL DCH Wharfwall	G10	4007.7	4510	4179	4495	4190	15	-11
1623	WCL Ghugus	G10	4022.9	4010	3656	3796	3539	214	117
1624	WCL Ukni OCM (WANI)	G11	3895.6	4675	4336	3652	3301	1023	1035
1625	NCL KRISHNASHILA CHP SIDING	G8	4070.2	4548	4145	4944	4487	-396	-342
1626	NCL SPUR LINE NO.II	G8	645.17	4206	3795	3237	2929	969	866
1627	NCL SPUR LINE NO.II	G10	1660.99	2957	2648	3237	2929	-280	-281
1628	NCL SPUR LINE NO.II	G9	1535.89	3372	3073	3237	2929	135	144
1629	SECL DIPIKA II colliery siding	G11	3938.6	3307	3167	3427	3092	-120	75
1630	NCL Bina Coll Sdg	G10	4021.4	4119	3797	4034	3643	85	154
1631	NCL Bina Wharfwall	G11	3982.1	4781	4403	3890	3582	891	821
1632	NCL Bina Wharfwall	G11	3934.8	4431	4041	3779	3421	652	620
1633	SECL DIPIKA II colliery siding	G11	3987.9	3111	2988	3615	3332	-504	-344
1634	NCL KRISHNASHILA CHP SIDING	G8	4066.2	5720	5372	4595	4154	1125	1218
1635	NCL DCH Wharfwall	G10	3984.3	4088	3720	3573	3191	515	529
1636	WCL Ukni OCM (WANI)	G11	4016.8	4862	4528	3805	3212	1057	1316
1637	SECL DIPIKA II colliery siding	G11	3890.3	3143	2868	3605	3252	-462	-384
1638	WCL Ghugus	G10	4028.4	4636	4314	3161	2719	1475	1595
1639	WCL Ukni OCM (WANI)	G11	4036.5	4588	4291	3639	3249	949	1042
1640	WCL Ukni OCM (WANI)	G11	3998.7	4302	4077	3815	3372	487	705
1641	NCL DCH Wharfwall	G10	3783.4	4121	3731	4367	4014	-246	-283
1642	SECL DIPIKA II colliery siding	G11	4002.3	3127	2817	3497	3151	-370	-334
1643	NCL DCH Wharfwall	G10	3705.8	4465	4036	4233	3763	232	273
1644	NCL Spur Siding	G7	2363.84	4075	3739	4357	3708	-282	31
1645	NCL Spur Siding	G10	1479.97	4208	3844	4357	3708	-149	136
1646	NCL Spur Siding	G7	2268.16	4072	3704	3821	3174	251	530

1647	NCL Spur Siding	G10	1717.27	3914	3560	3821	3174	93	386
1648	SECL DIPIKA II colliery siding	G11	3881.7	3656	3409	3667	3271	-11	138
1649	WCL Ukni OCM (WANI)	G11	3789	4512	4099	3344	2931	1168	1168
1650	NCL Spur Siding	G7	3043.9	5287	4829	3935	3466	1352	1363
1651	NCL Spur Siding	G10	1029.6	5066	4675	3935	3466	1131	1209
1652	NCL DCH Wharfwall	G10	3890	4017	3701	2697	2358	1320	1343
1653	NCL DCH Wharfwall	G10	3734.3	4096	3731	3660	3227	436	504
1654	NCL DCH Wharfwall	G10	3855.9	4810	4385	2832	3380	1978	1005
1655	WCL Ghugus	G10	4027.9	4419	4117	3452	3068	967	1049
1656	WCL Ukni OCM (WANI)	G11	3920.1	4340	3951	3255	2991	1085	960
1657	NCL KRISHNASHILA CHP SIDING	G8	4061.6	4588	4160	4149	3670	439	490
1658	WCL Ukni OCM (WANI)	G11	3967.8	4495	4106	3577	3053	918	1053
1659	NCL DCH Wharfwall	G10	3920.6	4065	3646	3490	3115	575	531
1660	WCL Ukni OCM (WANI)	G11	4016.7	4511	4011	3940	3563	571	448
1661	Pakri Barwadih	G9	3973.4	4523	4184	3420	3114	1103	1070
1662	NCL SPUR LINE NO.II	G9	282.6	3008	2752	4075	3697	-1067	-945
1663	NCL SPUR LINE NO.II	G10	3214.9	2814	2525	4075	3697	-1261	-1172
1664	NCL SPUR LINE NO.II	G8	627.6	2509	2238	4075	3697	-1566	-1459
1665	Pakri Barwadih	G9	3974.3	4480	4307	4094	3647	386	660
1666	SECL DIPIKA II colliery siding	G11	3770.1	3467	3179	3834	3240	-367	-61
1667	NCL SPUR LINE NO.II	G8	659.46	3199	2872	3216	2815	-17	57
1668	NCL SPUR LINE NO.II	G9	206.4	2924	2683	3216	2815	-292	-132
1669	NCL SPUR LINE NO.II	G10	3114.12	2962	2733	3216	2815	-254	-82
1670	Pakri Barwadih	G9	3896.3	4375	4201	3874	3491	501	710
1671	Pakri Barwadih	G9	3828.6	4369	4178	4275	3847	94	331
1672	Pakri Barwadih	G9	3972.7	5169	4869	4208	3675	961	1194
1673	NCL SPUR LINE NO.II	G10	3181.1	2952	2622	3265	2855	-313	-233
1674	NCL SPUR LINE NO.II	G8	903	3518	3190	3265	2855	253	335
1675	NCL GORBI BLOCK-B CHP	G9	4044.9	4387	4091	4363	3853	24	238
1676	Pakri Barwadih	G9	3870.8	5459	5203	4480	4038	979	1165
1677	NCL GORBI BLOCK-B CHP	G9	4064	4774	4429	4308	3884	466	545
1678	WCL Ukni OCM (WANI)	G11	4039.4	4549	4256	3687	3283	862	973
1679	NCL DCH Wharfwall	G10	3933.6	4353	3966	3773	3348	580	618
1680	Pakri Barwadih	G9	3940.2	5474	5154	4544	4132	930	1022
1681	SECL Old Kusmunda siding	G11	3813.2	3147	2935	3486	3193	-339	-258
1682	WCL Ukni OCM (WANI)	G11	3893.4	4539	4215	3558	3127	981	1088
1683	NCL GORBI BLOCK-B CHP	G9	4006.5	4833	4497	4155	3696	678	801
1684	Pakri Barwadih	G9	3971.8	4797	4552	4051	3580	746	972
1685	NCL DCH Wharfwall	G10	3990.9	4491	4174	3882	3454	609	720
1686	WCL Ukni OCM (WANI)	G11	3960.3	4658	4339	3588	3113	1070	1226
1687	Pakri Barwadih	G9	3998.4	5986	5634	4337	4049	1649	1585
1688	Pakri Barwadih	G9	3918.5	5409	5156	4575	4224	834	932
1689	Pakri Barwadih	G9	3974.4	4331	4061	4522	3932	-191	129
1690	NCL GORBI BLOCK-B CHP	G9	4001.7	5130	4723	4261	4052	869	671

1691	NCL GORBI BLOCK-B CHP	G9	4060.1	5089	4631	4425	4231	664	400
1692	WCL Ghugus	G10	3327.7	4531	4240	3029	2664	1502	1576
1693	Pakri Barwadih	G9	3784.9	4397	4123	4444	3878	-47	245
1694	NCL Spur Siding	G7	3020.9	4409	4091	5150	4549	-741	-458
1695	NCL Spur Siding	G10	1051.2	3534	3225	5150	4549	-1616	-1324
1696	Pakri Barwadih	G9	3821.8	4283	4031	4831	4114	-548	-83
1697	Pakri Barwadih	G9	3799.3	4409	4203	4621	4178	-212	25
1698	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4122.8	3788	3341	3288	3001	500	340
1699	WCL Ukni OCM (WANI)	G11	3947.7	4537	4141	3917	3483	620	658
1700	Pakri Barwadih	G9	3953.8	4797	4617	4838	4314	-41	303
1701	NCL SPUR LINE NO.II	G9	140.6	4688	4324	3276	3026	1412	1298
1702	NCL SPUR LINE NO.II	G10	3967.9	4515	4095	3276	3026	1239	1069
1703	NCL DCH Wharfwall	G10	3912.2	4370	4031	4133	3756	237	275
1704	CCL BALUMATH Siding	G11	3995	3847	3672	3571	3131	276	541
1705	SECL JUNADIH RAPID LOADING Sdg	G11	4127.7	4233	4019	4345	3917	-112	102
1706	NCL GORBI BLOCK-B CHP	G9	3999.6	4708	4328	4353	3769	355	559
1707	NCL GORBI BLOCK-B CHP	G9	4067.6	4625	4305	4409	3889	216	416
1708	SECL DIPIKA II colliery siding	G11	3784.4	3328	3150	3104	2801	224	349
1709	Pakri Barwadih	G9	3971	4674	4416	4768	4212	-94	204
1710	Pakri Barwadih	G9	3863.1	5017	4699	4544	4009	473	690
1711	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3830.9	3731	3325	3485	3154	246	171
1712	WCL Ukni OCM (WANI)	G11	3987.8	4500	4357	3170	2789	1330	1568
1713	WCL Ghugus	G10	3842.3	4898	4611	3692	3219	1206	1392
1714	Pakri Barwadih	G9	3971.8	4889	4585	4510	3947	379	638
1715	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3984.7	3322	3003	4122	3778	-800	-775
1716	NCL GORBI BLOCK-B CHP	G9	4074.8	4507	4114	4281	3821	226	293
1717	NCL SPUR LINE NO.II	G9	138.12	4530	4182	3530	3156	1000	1026
1718	NCL SPUR LINE NO.II	G10	3725.5	4061	3685	3530	3156	531	529
1719	WCL Ukni OCM (WANI)	G11	4169	4377	4128	3328	2929	1049	1199
1720	Pakri Barwadih	G9	4049.5	4911	4620	4745	4154	166	466
1721	NCL GORBI BLOCK-B CHP	G9	3854.7	5003	4592	4293	3876	710	716
1722	Pakri Barwadih	G9	3706.2	4861	4602	4717	4229	144	373
1723	SECL DIPIKA II colliery siding	G11	3903.4	4073	3747	3613	3161	460	586
1724	SECL Manikpur Coll siding	G13	2385.9	3948	3596	3560	3233	388	363
1725	SECL Manikpur Coll siding	G13	1808.4	3671	3408	3560	3233	111	175
1726	NCL GORBI BLOCK-B CHP	G9	4054.2	5349	4951	4736	4132	613	819
1727	WCL Ukni OCM (WANI)	G11	4134.8	4535	4367	3572	3111	963	1256
1728	WCL Ghugus	G10	3963.9	4264	3968	3828	3380	436	588
1729	SECL Manikpur Coll siding	G13	4008.3	3785	3511	3379	3035	406	476
1730	MCL Belpahar OCP III	G14	4041.8	3250	-	2596	2378	654	-
1731	WCL Ukni OCM (WANI)	G11	3910.2	4489	4269	3662	3211	827	1058
1732	NCL Bina Wharfwall	G11	3978.9	5345	5006	4040	3570	1305	1436
1733	NCL SPUR LINE NO.II	G9	138	3329	3021	3403	3050	-74	-29
1734	NCL SPUR LINE NO.II	G10	3794.8	2795	2601	3403	3050	-608	-449

1735	NCL Spur Siding	G10	1065	3515	3193	4827	4367	-1312	-1174
1736	NCL Spur Siding	G7	3053	4649	4361	4827	4367	-178	-6
1737	MCL SOUTH BALANDA-JAGANNATH	G12	3443.43	3850	-	4295	3819	-445	-
1738	MCL SOUTH BALANDA-JAGANNATH	G12	388.99	3850	-	4295	3819	-445	-
1739	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3814	4077	3656	3281	2918	796	738
1740	NCL JINGURDAHA	G13	3916.6	3374	3058	3179	2861	195	197
1741	MCL Belpahar OCP III	G14	4126.6	3250		2687	2415	563	-2415
1742	NCL SPUR LINE NO.II	G9	203.74	3557	3188	3395	3136	162	52
1743	NCL SPUR LINE NO.II	G10	3671.27	3814	3462	3395	3136	419	326
1744	WCL Ghugus	G10	4003.3	4654	4395	3346	3014	1308	1381
1745	SECL Manikpur Coll siding	G13	4087.9	3925	3688	3415	3161	510	527
1746	MCL Belpahar OCP III	G14	3937.5	3250	-	2888	2584	362	-
1747	NCL DCH Silo	G10	4033.9	4202	-	4471	3932	-269	-
1748	WCL Ukni OCM (WANI)	G11	3916.3	4368	4025	3870	3592	498	433
1749	SECL DIPIKA II colliery siding	G11	3732.9	4326	3942	3740	3356	586	586
1750	Pakri Barwadih	G9	3989.7	4360	4079	4178	3691	182	388
1751	MCL Anaanta Col	G12	1067.96	3850	-	2308	2035	1542	-
1752	MCL Anaanta Col	G12	714	3850	-	2308	2035	1542	-
1753	MCL Anaanta Col	G12	2330.29	3850	-	2308	2035	1542	-
1754	NCL SPUR LINE NO.II	G10	1065	3565	3275	4851	4346	-1286	-1071
1755	NCL SPUR LINE NO.II	G7	3053	4458	4117	4851	4346	-393	-229
1756	NCL SPUR LINE NO.II	G7	2972.42	4891	4597	3355	2992	1536	1605
1757	NCL SPUR LINE NO.II	G10	968.07	4022	3667	3355	2992	667	675
1758	WCL Ukni OCM (WANI)	G11	4050.1	3986	3677	2752	2336	1234	1341
1759	Pakri Barwadih	G9	3975.3	4257	4010	4245	3782	12	228
1760	SECL DIPIKA II colliery siding	G11	3711.5	4109	3773	3656	3089	453	684
1761	NCL DCH Wharfwall	G10	3965.9	4122	3711	4267	3695	-145	16
1762	NCL Spur Siding	G7	2971.2	5070	4656	5089	4589	-19	67
1763	NCL Spur Siding	G10	1058.2	4110	3734	5089	4589	-979	-855
1764	Pakri Barwadih	G9	3981.2	4187	3962	4170	3828	17	134
1765	SECL DIPIKA II colliery siding	G11	3861.9	3056	2789	2694	2360	362	429
1766	NCL GORBI BLOCK-B CHP	G9	4070.2	4909	4511	4322	3819	587	692
1767	Pakri Barwadih	G9	3965.9	4203	3909	3780	3534	423	375
1768	WCL Ukni OCM (WANI)	G11	3983.7	4420	4083	3506	3062	914	1021
1769	SECL Korichhapar	G15	2219.02	3152	2732	3139	2761	13	-29
1770	SECL Korichhapar	G15	1265.36	4458	3871	3139	2761	1319	1110
1771	WCL Ghugus	G10	3838.2	4700	4418	3697	3288	1003	1130
1772	NCL SPUR LINE NO.II	G10	3894.3	3217	4637	4054	3771	-837	866
1773	NCL GORBI BLOCK-B CHP	G9	4025.6	5001	4646	4398	3816	603	830
1774	Pakri Barwadih	G9	3967.8	4121	3895	4013	3572	108	323
1775	NCL Bina Coll Sdg	DSC	4149.2	4822	4508	3978	3486	844	1022
1776	SECL Manikpur Coll siding	G13	4006	3413	3237	3241	2952	172	285
1777	Pakri Barwadih	G9	3986.9	4465	4229	4218	3907	247	322
1778	NCL GORBI BLOCK-B CHP	G9	4077.1	4126	3772	4200	3755	-74	17

1779	NCL SPUR LINE NO.II	G10	4054.1	3109	2826	3266	2921	-157	-95
1780	NCL SPUR LINE NO.II	G10	4060.9	3106	4656	3214	2980	-108	1676
1781	Pakri Barwadih	G9	3991.1	4545	4276	4334	3917	211	359
1782	Pakri Barwadih	G9	3990.9	4704	4411	4381	3849	323	562
1783	Pakri Barwadih	G9	3975.7	4220	3979	3790	3317	430	662
1784	Pakri Barwadih	G9	3624.5	4584	4295	4002	3695	582	600
1785	Pakri Barwadih	G9	3982.6	4061	3809	4443	3999	-382	-190
1786	WCL Ukni OCM (WANI)	G11	4084.4	4568	4286	3034	2665	1534	1621
1787	SECL DIPIKA II colliery siding	G11	4015.4	3163	2844	3199	2794	-36	50
1788	MCL Belpahar OCP NO. 6	G14	3846.6	3250	-	2317	2099	933	-
1789	NCL GORBI BLOCK-B CHP	G9	4020.6	4663	4266	4428	3904	235	362
1790	Pakri Barwadih	G9	3973	4581	4279	4300	3787	281	492
1791	NCL DCH Wharfwall	G10	4002.2	4237	3895	4249	3762	-12	133
1792	SECL DIPIKA II colliery siding	G11	3984.1	3816	3456	2125	1905	1691	1551
1793	MCL Belpahar OCP NO. 6	G14	3603.4	3250	0	2079	1860	1171	-1860
1794	NCL GORBI BLOCK-B CHP	G9	4055.4	5033	4572	4687	4175	346	397
1795	NCL DCH Wharfwall	G10	3841.1	4709	4218	4343	3848	366	370
1796	WCL Ukni OCM (WANI)	G11	3960.8	4405	4125	2767	2377	1638	1748
1797	WCL Ghugus	G10	3892.6	4687	4428	3910	3565	777	863
1798	Pakri Barwadih	G9	3986	4685	4395	4151	3729	534	666
1799	Pakri Barwadih	G9	3996.3	4551	4188	3699	3386	852	802
1800	Pakri Barwadih	G9	3984.8	4548	4188	4293	3820	255	368
1801	NCL GORBI BLOCK-B CHP	G9	4084.6	4751	4337	4084	3642	667	695
1802	NCL DCH Wharfwall	G10	4068.5	4689	4187	4388	3837	301	350
1803	WCL Chargaon Col Sdg	G11	4014	4421	4008	4065	3658	356	350
1804	WCL Ghugus	G10	3914	4695	4428	3530	3382	1165	1046
1805	MCL BELPAHAR OCP I AND II	G14	3762.8	3250	-	2264	2048	986	-
1806	NCL JINGURDAHA	G13	4189	3445	3068	3119	2853	326	215
1807	WCL BALLARPUR COLLIERY SDG	G11	4023.7	4055	3817	3034	2645	1021	1172
1808	WCL Ukni OCM (WANI)	G11	4137.8	4599	4274	3086	2755	1513	1519
1809	WCL Ukni OCM (WANI)	G11	3925.4	4426	3759	3018	2665	1408	1094
1810	NCL GORBI BLOCK-B CHP	G9	4081.5	4897	4523	4709	4078	188	445
1811	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3818.4	4389	4061	3038	2710	1351	1351
1812	WCL Ghugus	G10	3999.4	4677	4369	3903	3520	774	849
1813	Pakri Barwadih	G9	3990.9	4641	4328	4272	3896	369	432
1814	WCL Ghugus	G10	3918.9	4712	4463	4433	4043	279	420
1815	WCL Ukni OCM (WANI)	G11	4004.6	4444	4174	3597	3172	847	1002
1816	NCL GORBI BLOCK-B CHP	G9	3998.1	4598	4315	4788	4340	-190	-25
1817	NCL SPUR LINE NO.II	G10	3911.1	3197	2920	3595	3168	-398	-248
1818	SECL DIPIKA II colliery siding	G11	3908	3132	2858	2872	2547	260	311
1819	NCL GORBI BLOCK-B CHP	G9	4048.6	4639	4241	4573	4113	66	128
1820	NCL Spur Siding	G10	2432.44	4395	4782	3393	3055	1002	1727
1821	NCL Spur Siding	G7	1665.41	5236	4010	3393	3055	1843	955
1822	NCL SPUR LINE NO.II	G10	4059	2927	2747	3541	3155	-614	-408

1823	WCL Ghugus	G10	3818	4956	4635	4063	3697	893	938
1824	NCL Spur Siding	G7	1555.3	4130	3752	5001	4320	-871	-568
1825	NCL Spur Siding	G10	2424.1	5125	4718	5001	4320	124	398
1826	NCL GORBI BLOCK-B CHP	G9	4078.2	4801	4444	4728	4211	73	233
1827	MCL BELPAHAR OCP I AND II	G14	3787.3	3250	-	2511	2281	739	-
1828	MCL Belpahar OCP III	G14	3704.6	3250	-	2735	2495	515	-
1829	WCL BALLARPUR COLLIERY SDG	G11	4016.8	4091	3793	2839	2567	1252	1226
1830	WCL Ghugus	G10	3767.7	4950	4657	3539	3219	1411	1438
1831	NCL GORBI BLOCK-B CHP	G9	4032.9	4797	4467	4184	3835	613	632
1832	MCL LOCM III SDG BELPAHAR	G14	3944.5	3250	-	3552	3245	-302	-
1833	NCL SPUR LINE NO.II	G10	3959.8	4216	4003	3455	3109	761	894
1834	MCL BHARATPUR PRIVATE SDG	G14	3607.1	3250	-	3227	2924	23	-
1835	WCL Ukni OCM (WANI)	G11	4006.6	4554	4160	3473	3111	1081	1049
1836	SECL DIPIKA II colliery siding	G11	3986.3	2988	2725	3156	2782	-168	-57
1837	NCL Bina Wharfwall	G11	3937.5	5550	5066	4264	3881	1286	1185
1838	MCL LOCM III SDG BELPAHAR	G14	4048.9	3250	-	3928	3650	-678	-
1839	NCL GORBI BLOCK-B CHP	G9	4088.1	4607	4336	4759	4385	-152	-49
1840	WCL UMRED COLLIRY SDG BUTI BORI	G9	1668.25	4608	4181	4028	3806	580	375
1841	WCL UMRED COLLIRY SDG BUTI BORI	G9	2597.8	3745	3340	4028	3806	-283	-466
1842	WCL BALLARPUR COLLIERY SDG	G11	4006.8	4893	4680	3218	2919	1675	1761
1843	NCL GORBI BLOCK-B CHP	G9	4020.8	4978	4560	4101	3774	877	786
1844	WCL Ukni OCM (WANI)	G11	4009.2	4432	4109	3745	3350	687	759
1845	NCL DCH Wharfwall	G10	3932.5	4559	4073	4185	3865	374	208
1846	WCL Ukni OCM (WANI)	G11	3669.9	4461	4167	3862	3377	599	790
1847	WCL Ukni OCM (WANI)	G11	4069.9	4453	4080	3895	3449	558	631
1848	NCL DCH Wharfwall	G10	3957	4558	4104	3899	3400	659	704
1849	MCL Belpahar OCP NO. 6	G14	3650.8	3250	-	3179	2834	71	-
1850	NCL GORBI BLOCK-B CHP	G9	4094	5042	4596	4768	4170	274	426
1851	MCL Anaanta Col	G12	896.13	3850	-	3890	3458	-40	-
1852	MCL Anaanta Col	G12	401.94	3850	-	3890	3458	-40	-
1853	MCL Anaanta Col	G12	2595.09	3850	-	3890	3458	-40	-
1854	WCL Ukni OCM (WANI)	G11	4172.1	4523	4232	3552	3168	971	1064
1855	SECL DIPIKA II colliery siding	G11	3939	3523	3312	3152	2820	371	492
1856	NCL DCH Wharfwall	G10	3992.1	4364	3974	4236	3900	128	74
1857	MCL BALARAM SIDING	G13	1949.19	3978	3734	2929	2682	1049	1052
1858	NCL GORBI BLOCK-B CHP	G9	4131.3	4827	4447	4436	4014	391	433
1859	WCL Ukni OCM (WANI)	G11	4115.6	4739	4309	3961	3415	778	894
1860	WCL BALLARPUR COLLIERY SDG	G11	4015.2	4439	4409	3011	2673	1428	1736
1861	MCL BELPAHAR OCP I AND II	G14	4113.4	3250	4313	2830	2552	420	1761
1862	WCL Ukni OCM (WANI)	G11	4001.1	4424	4089	3577	3257	847	832
1863	NCL GORBI BLOCK-B CHP	G9	3942	4875	4512	4685	4393	190	119
1864	NCL Spur Siding	G7	2994.9	5208	4816	5268	4830	-60	-14
1865	NCL Spur Siding	G10	1002.7	4121	3776	5268	4830	-1147	-1054
1866	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4030.3	3955	3496	3290	2974	665	522

1867	NCL GORBI BLOCK-B CHP	G9	4075.5	5256	4970	4907	4572	349	398
1868	WCL Ukni OCM (WANI)	G11	3947.5	4485	4085	3466	3135	1019	950
1869	MCL Belpahar OCP NO. 6	G14	3988.9	3250	-	2340	2128	910	-
1870	NCL GORBI BLOCK-B CHP	G9	4011.6	5035	4678	4496	4147	539	531
1871	WCL Ghugus	G10	3800.9	4546	4290	3837	3552	709	738
1872	WCL Ukni OCM (WANI)	G11	4032	4478	4040	3541	3225	937	815
1873	MCL LOCM III SDG BELPAHAR	G14	4166.8	3250	-	3398	3120	-148	-
1874	MCL Belpahar OCP III	G14	3692.7	3250	-	2538	2315	712	-
1875	NCL SPUR LINE NO.II	G10	3892.1	3753	3373	3334	3038	419	335
1876	SECL DIPIKA II colliery siding	G11	3968.2	3625	3317	3415	3100	210	217
1877	NCL SPUR LINE NO.II	G10	4084.9	3578	3395	3705	3388	-127	7
1878	NCL GORBI BLOCK-B CHP	G9	4050.3	5263	4919	5190	4829	73	90
1879	NCL GORBI BLOCK-B CHP	G9	4070.4	4943	4589	4899	4485	44	104
1880	SECL Old Kusmunda siding	G11	3824.2	3553	3309	3352	3026	201	283
1881	NCL SPUR LINE NO.II	G10	4057.4	3471	3193	3577	3300	-106	-107
1882	SECL KATKONA COLLY SDG	SCII	2002.94	5282	4951	4323	3985	959	966
1883	SECL KATKONA COLLY SDG	SCII	1882.44	5070	4719	4323	3985	747	734
1884	NCL GORBI BLOCK-B CHP	G9	4077.2	5430	5060	4786	4588	644	472
1885	WCL Ghugus	G10	3750.5	4914	4720	3536	3240	1378	1480
1886	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3993.2	2654	2360	2917	2625	-263	-265
1887	WCL Ukni OCM (WANI)	G11	3874.1	4743	4423	3820	3482	923	941
1888	Pakri Barwadih	G9	3888.8	4926	4684	4054	3598	872	1086
1889	NCL GORBI BLOCK-B CHP	G9	4080.4	5309	5006	4536	4217	773	789
1890	MCL Belpahar OCP NO. 6	G14	3956.8	3250	-	2452	2233	798	-
1891	MCL BELPAHAR OCP I AND II	G14	3677	3250	-	2884	2644	366	-
1892	NCL GORBI BLOCK-B CHP	G9	4059.3	4891	4495	4765	4431	126	64
1893	WCL Ukni OCM (WANI)	G11	3990	4601	4306	3593	3240	1008	1066
1894	SECL KATKONA COLLY SDG	SCII	2372.57	5356	4973	3991	3749	1365	1224
1895	SECL KATKONA COLLY SDG	SCII	1631.18	4671	4299	3991	3749	680	550
1896	Pakri Barwadih	G9	3966.9	4961	4693	4245	3849	716	844
1897	MCL KANIKA SIDING	G13	1905	3550	-	3421	3010	129	-
1898	MCL KANIKA SIDING	G14	1745.4	3250	-	3421	3010	-171	-
1899	WCL Ukni OCM (WANI)	G11	3821.3	4534	4208	3841	3652	693	556
1900	NCL SPUR LINE NO.II	G10	3956.8	3394	3124	3466	3127	-72	-3
1901	MCL BALARAM SIDING	G13	3620.5	3373	3176	3160	2891	213	285
1902	SECL Manikpur Coll siding	G13	4123.1	3115	2983	3242	2984	-127	-1
1903	WCL Ghugus	G10	3889.5	4598	4355	3917	3585	681	770
1904	NCL GORBI BLOCK-B CHP	G9	4136.6	5211	4829	4846	4418	365	411
1905	MCL LOCM III SDG BELPAHAR	G14	3836.2	3250	-	2983	2719	267	-
1906	NCL DCH Wharfwall	G10	3971.2	4382	3912	3911	3527	471	385
1907	WCL Ghugus	G10	3846.9	4918	4666	2862	2603	2056	2063
1908	SECL New Kusmunda siding	G11	3981.2	3514	3278	3360	3123	154	155
1909	MCL KANIKA SIDING	G13	1959.41	3550	0	3258	2937	292	-2937
1910	MCL KANIKA SIDING	G14	1903.52	3250	0	3258	2937	-8	-2937

1911	NCL SPUR LINE NO.II	G10	4047	3580	3359	3496	3203	84	156
1912	NCL SPUR LINE NO.II	G10	4089.6	3413	3194	3145	2847	268	347
1913	SECL KATKONA COLLY SDG	SCII	1858	4277	3922	4033	3727	244	195
1914	SECL KATKONA COLLY SDG	SCII	2092.8	3750	3436	4033	3727	-283	-291
1915	NCL GORBI BLOCK-B CHP	G9	4066.6	5395	5076	4468	4057	927	1019
1916	NCL SPUR LINE NO.II	G10	3907.4	3482	3180	3558	3169	-76	11
1917	MCL KANIKA SIDING	G13	2084.15	3550	-	3433	3119	117	-
1918	MCL KANIKA SIDING	G14	2122.82	3250	-	3433	3119	-183	-
1919	NCL GORBI BLOCK-B CHP	G9	4089.8	5370	5119	4808	4547	562	572
1920	MCL Sardegna	G13	1779.4	3550	-	3505	3193	45	-
1921	MCL Sardegna	G14	1091.6	3250	-	3505	3193	-255	-
1922	WCL NEW PANDHAR PAVANI	G12	2497.58	4140	3801	3473	3049	667	752
1923	WCL NEW PANDHAR PAVANI	G12	1227.51	3831	3504	3473	3049	358	455
1924	SECL Old Kusmunda siding	G11	3860.6	3966	3738	3907	3719	59	19
1925	NCL GORBI BLOCK-B CHP	G9	4075.6	5557	5210	4801	4435	756	775
1926	SECL New Kusmunda siding	G11	3824.4	4217	4045	4187	3969	30	76
1927	SECL KATKONA COLLY SDG	SCII	2772.5	3877	3608	4296	3989	-419	-381
1928	SECL KATKONA COLLY SDG	SCII	1254.5	4217	3820	4296	3989	-79	-169
1929	NCL GORBI BLOCK-B CHP	G9	4059	5757	5361	4446	3975	1311	1386
1930	MCL Belpahar OCP III	G14	3836.8	3381	3120	3364	3192	17	-72
1931	Pakri Barwadih	G9	3973.1	4641	4476	4644	4206	-3	270
1932	NCL DCH Silo	G10	4020.4	4202	-	4664	4146	-462	-
1933	MCL Belpahar OCP NO. 6	G14	4068.8	3489	3200	3224	2861	265	339
1934	Pakri Barwadih	G9	3992.6	5365	5197	4620	4268	745	929
1935	SECL KATKONA COLLY SDG	SCII	3113.4	4034	3786	3674	3336	360	450
1936	SECL KATKONA COLLY SDG	SCII	829.7	4273	3881	3674	3336	599	545
1937	NCL GORBI BLOCK-B CHP	G9	4002.6	5649	5249	4955	4827	694	422
1938	NCL SPUR LINE NO.II	G10	4118	3485	3214	3270	2966	215	248
1939	NCL GORBI BLOCK-B CHP	G9	4073.2	5506	5156	4874	4549	632	607
1940	SECL New Kusmunda siding	G11	3810.9	3390	3181	3476	3309	-86	-128
1941	NCL Spur Siding	G7	2719.65	5085	4702	3844	3528	1241	1174
1942	NCL Spur Siding	G10	1381.1	3518	3225	3844	3528	-326	-303
1943	Pakri Barwadih	G9	3975.7	5079	4888	4346	3933	733	955
1944	WCL Ukni OCM (WANI)	G11	4143.6	4338	4016	3663	3321	675	695
1945	WCL UMRED COLLIRY SDG BUTI BORI	G9	1753.2	4967	4195	4265	3927	702	268
1946	WCL UMRED COLLIRY SDG BUTI BORI	G9	2503.85	3827	3300	4265	3927	-438	-627
1947	Pakri Barwadih	G9	3980.3	4915	4719	4227	3821	688	898
1948	WCL Chargaon Col Sdg	G11	4127.9	4570	4221	3775	3443	795	778
1949	NCL GORBI BLOCK-B CHP	G9	3996.6	5779	5513	5050	4690	729	823
1950	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3930.3	3328	3064	2758	2478	570	586
1951	NCL Bina Coll Sdg	G10	4085.3	4176	3832	4236	3840	-60	-8
1952	NCL GORBI BLOCK-B CHP	G9	4081.3	5773	5493	4889	4527	884	966
1953	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3797.6	3856	3498	2572	2311	1284	1187
1954	NCL SPUR LINE NO.II	G10	3825.8	4622	4337	3741	3385	881	952

1955	NCL GORBI BLOCK-B CHP	G9	4150.1	5987	5672	4085	3629	1902	2043
1956	NCL GORBI BLOCK-B CHP	G9	4065.9	5622	5314	4044	3700	1578	1614
1957	NCL SPUR LINE NO.II	G10	3887.6	4269	3837	3448	3159	821	678
1958	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4058.2	2520	2342	2878	2605	-358	-263
1959	NCL GORBI BLOCK-B CHP	G9	3983.8	5696	5434	4459	4104	1237	1330
1960	NCL Bina Coll Sdg	DSC	4009.5	4415	4016	4479	4110	-64	-94
1961	NCL GORBI BLOCK-B CHP	G9	4018.3	5860	5577	4260	3889	1600	1688
1962	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4138.8	3477	3253	3073	2802	404	451
1963	NCL Spur Siding	G7	2814.46	5275	4845	5472	4768	-197	77
1964	NCL Spur Siding	G10	1016.24	3856	3496	5472	4768	-1616	-1272
1965	WCL Ghugus	G10	3884.3	4835	4563	3191	2925	1644	1638
1966	NCL GORBI BLOCK-B CHP	G9	4061.8	5839	5538	5073	4596	766	942
1967	NCL SPUR LINE NO.II	G10	4065.5	3648	3378	3539	3240	109	138
1968	NCL Spur Siding	G7	3122.3	5417	4981	5466	5068	-49	-87
1969	NCL Spur Siding	G10	1063.85	4499	4174	5466	5068	-967	-894
1970	SECL New Kusmunda siding	G11	3859.8	3422.44157	3085	3133	2832	289	253
1971	WCL BALLARPUR COLLIERY SDG	G11	4028.3	4716	4390	3513	3207	1203	1183
1972	WCL Ghugus	G10	3911.4	4777	4480	4618	4321	159	159
1973	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4025.3	3715.65827	3343	2103	1972	1613	1371
1974	NCL GORBI BLOCK-B CHP	G9	4062.4	5917	4160	5024	4568	893	-408
1975	WCL Ghugus	G10	4050.7	4770	4436	3042	2797	1728	1639
1976	NCL SPUR LINE NO.II	G10	3970.8	3230	2953	3676	3390	-446	-437
1977	NCL DCH Silo	G10	4082.9	4202	-	4594	4215	-392	-
1978	NCL GORBI BLOCK-B CHP	G7	4054.6	5506	5181	4542	4161	964	1020
1979	Pakri Barwadih	G9	3973.8	4882	4653	4701	4318	181	335
1980	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3978.6	3807	3432	2674	2406	1133	1026
1981	SECL New Kusmunda siding	G11	3859.2	3464	3331	3702	3484	-238	-153
1982	NCL GORBI BLOCK-B CHP	G7	4059.9	5478	5083	4409	4056	1069	1027
1983	SECL DIPIKA II colliery siding	G11	3803.2	2766	2566	3177	2939	-411	-373
1984	NCL DCH Wharfwall	G10	3841.6	4331	3912	4291	3916	40	-4
1985	NCL SPUR LINE NO.II	G10	3864.4	3685	3330	3738	3446	-53	-116
1986	NCL SPUR LINE NO.II	G10	4101.8	3589	3284	3522	3228	67	56
1987	Pakri Barwadih	G9	4044.8	4748	4549	3788	3514	960	1035
1988	NCL DCH Silo	G10	4080.6	4202	-	4806	4349	-604	-
1989	NCL GORBI BLOCK-B CHP	G7	4064.3	5938	5619	4583	4260	1355	1359
1990	NCL Spur Siding	G7	2829.55	5762	5333	5850	5472	-88	-139
1991	NCL Spur Siding	G10	1029.15	3775	3426	5850	5472	-2075	-2046
1992	MCL BELPAHAR OCP I AND II	G14	3830.5	3970	3737	3049	2806	921	931
1993	MCL LOCM III SDG BELPAHAR	G14	4138.5	3861	3636	3471	3162	390	474
1994	NCL DCH Silo	G10	3909.8	4202	-	4565	4027	-363	-
1995	NCL DCH Wharfwall	G10	3917.9	4633	4182	4094	3809	539	373
1996	NCL DCH Silo	G10	4008.9	4202	-	4768	4358	-566	-
1997	NCL DCH Silo	G10	3873.9	4202	-	4644	4271	-442	-
1998	WCL Ghugus	G10	3965.5	4582	3553	4307	4062	275	-509

1999	NCL Bina Wharfwall	G10	3621.2	4261	3904	4553	4187	-292	-283
2000	NCL SPUR LINE NO.II	G10	4118	3414	3118	3401	3141	13	-23
2001	NCL DCH Wharfwall	G10	3975.5	4652	4180	5313	5064	-661	-884
2002	WCL NEW PANDHAR PAVANI	G12	999.09	3240	2980	2539	2320	701	660
2003	WCL NEW PANDHAR PAVANI	G12	2930.52	2924	2646	2539	2320	385	326
2004	CCL SHIVPOOR LINE NO.4	G13	3984.1	3811	3495	3988	3502	-177	-7
2005	BCCL SIJUA STABLING COLL SDG Dvt Meja	WIV	3605	No sampling		5060	4567		-
2006	SECL DIPIKA II colliery siding	G11	3807	2468	2360	3639	3278	-1171	-918
2007	SECL New Kusmunda siding	G11	3854.1	3457	3292	2740	2598	717	694
2008	NCL SPUR LINE NO.II	G10	4124.3	3406	3106	3642	3341	-236	-235
2009	NCL DCH Wharfwall	G10	3865.9	4473	4033	4431	3925	42	108
2010	BCCL JINAGORAL NO 9 COLL SDG Dvt Meja	WIV	3727.2	4904	4720	3173	2948	1731	1772
2011	Imported rake MV Star Marilena	N/A	4035.1	N/A	N/A	N/A	5030	N/A	N/A
2012	Pakri Barwadih	G9	3970.2	3945	3810	4241	3915	-296	-105
2013	NCL DCH Silo	G10	3974.1	4202	-	4240	3881	-38	-
2014	SECL DIPIKA II colliery siding	G11	3841.7	3657	3385	3241	3084	416	301
2015	SECL KATKONA COLLY SDG	SCII	1874.15	5311	4836	4172	3955	1139	881
2016	SECL KATKONA COLLY SDG	SCII	1874.15	4071	3737	4172	3955	-101	-218
2017	MCL LOCM III SDG BELPAHAR	G14	3988.1	3782	3383	3360	2988	422	395
2018	NCL Spur Siding	G7	2675.65	4716	4309	3683	3397	1033	912
2019	NCL Spur Siding	G10	1350.56	4400	4002	3683	3397	717	605
2020	Imported rake MV Star Marilena	N/A	4037.4	N/A	N/A	N/A	4914	N/A	N/A
2021	NCL GORBI BLOCK-B CHP	G7	4062.3	5270	4919	4998	4552	272	367
2022	Imported rake MV Star Marilena	N/A	4105.4	N/A	N/A	N/A	4944	N/A	N/A
2023	NCL DCH Wharfwall	G10	3968.7	5762	5321	3968	3567	1794	1754
2024	Imported rake MV Star Marilena	N/A	3807	N/A	N/A	N/A	5020	N/A	N/A
2025	NCL GORBI BLOCK-B CHP	G7	4058.5	5658	4263	4751	4273	907	-10
2026	Imported rake MV Star Marilena	N/A	3688.8	N/A	N/A	N/A	4938	N/A	N/A
2027	SECL New Kusmunda siding	G11	4032.9	3407	3207	2841	2560	566	647
2028	NCL GORBI BLOCK-B CHP	G7	3950.3	5756	5416	5056	4767	700	649
2029	NCL GORBI BLOCK-B CHP	G7	3987.1	5811	5499	4903	4515	908	984
2030	NCL GORBI BLOCK-B CHP	G7	4062.9	5606	5233	4899	4408	707	825
2031	NCL DCH Wharfwall	G10	3792.5	4417	3967	4474	4081	-57	-114
2032	NCL SPUR LINE NO.II	G10	4072	2896	2618	3519	3119	-623	-501
2033	NCL DCH Wharfwall	G10	3686.9	4347	3926	4360	3955	-13	-29
2034	WCL Ghugus	G10	3932.2	4538	4143	5077	4662	-539	-519
2035	WCL UMRED COLLIRY SDG BUTI BORI	G9	2707.29	4495	4118	4042	3785	453	333
2036	WCL UMRED COLLIRY SDG BUTI BORI	G9	1282.44	4345	4030	4042	3785	303	245
2037	NCL DCH Wharfwall	G10	3953.2	3882	4276	4788	4381	-906	-105
2038	Imported rake MV Star Marilena	N/A	4047.4	N/A	N/A	N/A	4880	N/A	N/A
2039	NCL JINGURDAHA	G9	977.5	4689	4345	3390	3063	1299	1282
2040	NCL JINGURDAHA	G13	3170.8	3795	3478	4072	3740	-277	-262
2041	NCL DCH Wharfwall	G10	3678.7	4768	4323	3913	3500	855	823
2042	NCL KRISHNASHILA CHP SIDING	G8	3990.7	4668	4274	4707	4224	-39	50

2043	NCL DCH Wharfwall	G10	3672.1	4636	4206	3731	3376	905	830
2044	NCL GORBI BLOCK-B CHP	G7	4075.3	5683	5403	4547	4113	1136	1290
2045	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4027.6	2878	2634	3799	3639	-921	-1005
2046	NCL GORBI BLOCK-B CHP	G7	4060.4	5604	5273	4460	3383	1144	1890
2047	NCL DCH Wharfwall	G10	3784.1	4824	4349	3460	3080	1364	1269
2048	MCL Belpahar OCP III	G14	3954.6	3646	3401	2899	2602	747	799
2049	NCL SPUR LINE NO.II	G10	4039.6	3810	3460	3537	3141	273	319
2050	NCL KRISHNASHILA CHP SIDING	G8	4060.7	4650	4290	4124	3880	526	410
2051	NCL GORBI BLOCK-B CHP	G7	4028.4	5584	5320	4476	3985	1108	1335
2052	NCL DCH Wharfwall	G10	3884.6	4560	4112	3109	2835	1451	1277
2053	NCL GORBI BLOCK-B CHP	G7	3956.9	5677	5367	4708	4238	969	1129
2054	MCL Belpahar OCP NO. 6	G14	3814.1	3747	3573	3478	3143	269	430
2055	NCL DCH Wharfwall	G10	3974.4	4535	4113	3802	3453	733	660
2056	MCL LOCM III SDG BELPAHAR	G14	4107	4384	4101	4063	3667	321	434
2057	NCL GORBI BLOCK-B CHP	G7	4053.9	5645	5281	4780	4286	865	995
2058	NCL DCH Wharfwall	G10	3871.5	4491	4053	4100	3609	391	444
2059	NCL Bina Coll Sdg	G10	4079.1	4147	3749	4042	3633	105	116
2060	NCL Bina Wharfwall	G10	3989	4499	4044	3975	3720	524	324
2061	NCL GORBI BLOCK-B CHP	G7	4078	5738	5380	5025	4469	713	911
2062	NCL Bina Wharfwall	G10	3981.1	4358	4048	4790	4473	-432	-425
2063	NCL GORBI BLOCK-B CHP	G7	4072.14	5825	5525	5177	4709	648	816
2064	NCL DCH Wharfwall	G10	3733.4	4606	4191	4796	4331	-190	-140
2065	NCL DCH Wharfwall	G10	3979.6	4628	4182	3581	3171	1047	1011
2066	MCL Belpahar OCP III	G14	4088.2	3745	3556	3652	3277	93	279
2067	WCL Ghugus	G10	3689.5	4649	4417	3506	3303	1143	1114
2068	NCL Spur Siding	G7	1995.9	5021	4622	4757	4391	264	231
2069	NCL Spur Siding	G10	1995.9	4072	3754	4757	4391	-685	-637
2070	NCL GORBI BLOCK-B CHP	G7	4062.2	5867	5616	4866	4494	1001	1122
2071	MCL BELPAHAR OCP I AND II	G14	3741.8	3313	3158	4142	3915	-829	-757
2072	SECL New Kusmunda siding	G11	3789.9	3407	3219	3550	3143	-143	76
2073	NCL DCH Silo	G10	4014	4202	-	4742	4357	-540	-
2074	NCL GORBI BLOCK-B CHP	G7	4038.6	5905	5612	4930	4615	975	997
2075	NCL Bina Coll Sdg	DSC	4148.1	5077	4651	4897	4536	180	115
2076	MCL Belpahar OCP NO. 6	G14	4125.8	3271	3049	2970	2719	301	330
2077	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	4003.6	3831	3558	3623	3326	208	232
2078	NCL KRISHNASHILA CHP SIDING	G8	4130.1	4000	3627	4928	4611	-928	-984
2079	WCL Ghugus	G10	3900.3	4698	4462	4088	3826	610	636
2080	NCL DCH Silo	G10	4080.8	4202	-	4741	4391	-539	-
2081	Imported rake MV Star Marilena	N/A	4003.6	N/A	N/A	N/A	4849	N/A	N/A
2082	NCL Bina Coll Sdg	DSC	3999.8	3647	3289	4587	4215	-940	-926
2083	NCL GORBI BLOCK-B CHP	G7	3958.1	5786	5475	4909	4526	877	949
2084	SECL DIPIKA II colliery siding	G11	3927.5	3808	3588	2783	2469	1025	1119
2085	NCL DCH Silo	G10	4153.8	4202	-	4668	4339	-466	-
2086	Imported rake MV Star Marilena	N/A	4006.9	N/A	N/A	N/A	4907	N/A	N/A

2087	SECL DIPIKA II colliery siding	G11	3918.5	3433	3261	3589	3272	-156	-11
2088	NCL GORBI BLOCK-B CHP	G7	4060.2	5672	5387	4653	4372	1019	1015
2089	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3999.3	3704	3512	2633	2320	1071	1192
2090	NCL GORBI BLOCK-B CHP	G7	3973.6	5736	5428	4675	4307	1061	1121
2091	MCL Belpahar OCP NO. 6	G14	4063.6	3500	3292	3437	3077	63	215
2092	NCL DCH Silo	G10	4007.5	4202	-	4666	4285	-464	-
2093	MCL LOCM III SDG BELPAHAR	G14	4023.3	3785	3448	3736	3397	49	51
2094	NCL GORBI BLOCK-B CHP	G7	4063.7	5734	5401	4888	4363	846	1038
2095	Imported rake MV Star Marilena	N/A	4034.4	N/A	N/A	N/A	5150	N/A	N/A
2096	WCL Ghugus	G10	3912	4997	4774	4103	3769	894	1005
2097	NCL Bina Coll Sdg	G10	4000.4	4176	3783	4150	3745	26	38
2098	NCL GORBI BLOCK-B CHP	G7	4059.2	5603	5302	4683	4286	920	1016
2099	NCL DCH Silo	G10	4083.1	4202	-	4300	3927	-98	-
2100	WCL Ghugus	G10	3785.2	4541	4252	4422	4001	119	251
2101	NCL GORBI BLOCK-B CHP	G7	3974.6	5694	5369	4116	3830	1578	1539
2102	NCL Bina Coll Sdg	G10	4042.9	4649	4203	4432	3958	217	245
2103	Imported rake MV Star Marilena	N/A	3967.9	N/A	N/A	N/A	4951	N/A	N/A
2104	MCL Sardega	G14	1884.28	4123	3750	3393	3206	730	544
2105	MCL Sardega	G14	1779.73	3265	2987	3393	3206	-128	-219
2106	NCL DCH Silo	G10	4152.9	4202	-	4300	3927	-98	-
2107	NCL GORBI BLOCK-B CHP	G7	4059.7	5602	5204	4309	3945	1293	1259
2108	WCL Ghugus	G10	3931.1	4823	4468	4198	3884	625	584
2109	MCL BELPAHAR OCP I AND II	G14	4118	3119	2835	3597	3271	-478	-436
2110	Imported rake MV Star Marilena	N/A	4020.5	N/A	N/A	N/A	5008	N/A	N/A
2111	MCL Belpahar OCP NO. 6	G14	4023.8	3217	2954	3487	3154	-270	-200
2112	NCL DCH Wharfwall	G10	4079.7	4855	4470	4687	4066	168	404
2113	NCL KRISHNASHILA CHP SIDING	G8	4039.4	4890	4526	4253	3907	637	619
2114	NCL SPUR LINE NO.II	G10	3976	4194	3862	3782	3539	412	323
2115	Imported rake MV Genco Maximus	N/A	3968.9	N/A	N/A	N/A	4901	N/A	N/A
2116	Imported rake MV Genco Maximus	N/A	4017.8	N/A	N/A	N/A	4843	N/A	N/A
2117	WCL Ghugus	G10	3916.7	4996	4672	3894	3579	1102	1093
2118	NCL DCH Wharfwall	G10	3818.8	4568	4183	5039	4431	-471	-248
2119	NCL GORBI BLOCK-B CHP	G7	4059.6	5789	5449	4351	3928	1438	1521
2120	NCL GORBI BLOCK-B CHP	G7	4057.1	4957	4720	4527	3976	430	744
2121	Imported rake MV Genco Maximus	N/A	3869.7	N/A	N/A	N/A	4883	N/A	N/A
2122	WCL Ghugus	G10	4033.8	4615	4283	3311	3028	1304	1255
2123	NCL SPUR LINE NO.II	G10	3753.6	4349	3961	4298	4642	51	-681
2124	NCL DCH Wharfwall	G10	4118	4588	4199	3824	4084	764	115
2125	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3822.6	4166	3890	3007	3187	1159	703
2126	NCL SPUR LINE NO.II	G10	4039.7	4155	3803	3176	3383	979	420
2127	NCL DCH Wharfwall	G10	3708	4634	4229	2850	3012	1784	1217
2128	NCL KRISHNASHILA CHP SIDING	G8	4130.1	4643	4344	4308	4696	335	-352
2129	Imported rake MV Genco Maximus	N/A	3909.3	N/A	N/A	N/A	4843	N/A	N/A
2130	MCL Belpahar OCP NO. 6	G14	4019.5	3786	3448	2986	3132	800	316

2131	Pakri Barwadih	G9	3970.6	4570	4351	4008	3696	562	655
2132	NCL DCH Wharfwall	G10	4116.1	4730	4296	4297	3816	433	480
2133	WCL Ghugus	G10	4042.6	4982	4578	3211	2991	1771	1587
2134	NCL GORBI BLOCK-B CHP	G7	3598.9	6051	5693	4229	3839	1822	1854
2135	Pakri Barwadih	G9	3968.7	4967	4817	4059	3737	908	1080
2136	WCL Ghugus	G10	3993.6	4241	3953	3531	3065	710	888
2137	Imported rake MV Genco Maximus	N/A	4060.2	N/A	N/A	N/A	4849	N/A	N/A
2138	NCL DCH Wharfwall	G10	3783.6	4993	4546	5409	4802	-416	-256
2139	SECL DIPIKA II colliery siding	G11	4032.6	3320	3148	4806	4506	-1486	-1358
2140	Pakri Barwadih	G9	3821.6	4964	4708	4689	4411	275	297
2141	NCL DCH Wharfwall	G10	3813.5	5240	4851	4932	4337	308	514
2142	Imported rake MV Genco Maximus	N/A	3825.9	N/A	N/A	N/A	5226	N/A	N/A
2143	NCL SPUR LINE NO.II	G10	4118	4152	3755	4260	3880	-108	-125
2144	NCL GORBI BLOCK-B CHP	G7	4061.2	6275	5892	4500	3885	1775	2007
2145	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3943.1	4021	3841	2972	2782	1049	1059
2146	Imported rake MV Genco Maximus	N/A	3827.9	N/A	N/A	N/A	5221	N/A	N/A
2147	Imported rake MV Genco Maximus	N/A	4048.1	N/A	N/A	N/A	5152	N/A	N/A
2148	Imported rake MV Genco Maximus	N/A	4042	N/A	N/A	N/A	5230	N/A	N/A
2149	Pakri Barwadih	G9	4002.4	4341	4175	4444	4158	-103	17
2150	MCL BELPAHAR OCP I AND II	G14	3802.4	3538	3371	3570	3158	-32	213
2151	WCL Ghugus	G10	4025.5	3465	3152	3972	3650	-507	-498
2152	Imported rake MV Genco Maximus	N/A	4031	N/A	N/A	N/A	5215	N/A	N/A
2153	Pakri Barwadih	G9	3966.8	4146	3915	4174	3734	-28	181
2154	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3882.3	4100	3898	2789	2602	1311	1296
2155	NCL GORBI BLOCK-B CHP	G7	3898.5	5826	5513	4556	4022	1270	1491
2156	MCL BELPAHAR OCP III	G14	3778	3269	3070	3857	3609	-588	-539
2157	NCL GORBI BLOCK-B CHP	G7	4062.3	5880	5527	4340	3801	1540	1726
2158	MCL BELPAHAR OCP I AND II	G14	4007.9	3423	3240	3819	3556	-396	-316
2159	Imported rake MV Genco Maximus	N/A	4095.2	N/A	N/A	N/A	4814	N/A	N/A
2160	NCL DCH Wharfwall	G10	3793.5	4814	4359	4163	3679	651	680
2161	MCL Belpahar OCP NO. 6	G14	3752.6	3456	3228	3497	3135	-41	93
2162	MCL Belpahar OCP NO. 6	G14	3927.2	3259	2963	3410	3601	-151	-638
2163	Imported rake MV Genco Maximus	N/A	4052.2	N/A	N/A	N/A	4835	N/A	N/A
2164	Imported rake MV Genco Maximus	N/A	4064.6	N/A	N/A	N/A	5296	N/A	N/A
2165	MCL Belpahar OCP NO. 6	G14	3811.7	3237	2920	2754	2939	483	-19
2166	WCL Ghugus	G10	4094.6	4515	4147	2999	3212	1516	935
2167	NCL Spur Siding	G7	3136.47	5439	4975	4433	4745	1006	230
2168	NCL Spur Siding	G10	823.9	4422	4059	4433	4745	-11	-686
2169	NCL DCH Wharfwall	G10	3976	4833	4310	3350	2988	1483	1322
2170	NCL JINGURDAHA	G9	1065	4812	4466	4767	2837	45	1629
2171	NCL JINGURDAHA	G13	3122.5	3299	3027	3068	4450	231	-1423
2172	WCL Ghugus	G10	3806.1	4681	4448	3199	2961	1482	1487
2173	NCL GORBI BLOCK-B CHP	G7	3975.3	6274	5944	4509	4149	1765	1795
2174	NCL SPUR LINE NO.II	G10	3936.1	4301	3969	4458	3761	-157	208

2175	MCL Belpahar OCP NO. 6	G14	3984.8	3129	2839	3499	3181	-370	-342
2176	NCL GORBI BLOCK-B CHP	G7	3982.1	6116	5723	4852	4488	1264	1235
2177	MCL BELPAHAR OCP III	G14	3703.1	3565	3330	3133	2828	432	502
2178	NCL GORBI BLOCK-B CHP	G7	4060.1	5850	5581	4370	3987	1480	1594
2179	NCL GORBI BLOCK-B CHP	G7	4076.9	6218	5836	4265	3821	1953	2015
2180	WCL Ukni OCM (WANI)	G11	3897.4	4605	4366	3805	3471	800	895
2181	WCL Ghugus	G10	3850.9	4241	3901	4080	3706	161	195
2182	NCL SPUR LINE NO.II	G10	4105	4438	4086	4295	3967	143	119
2183	NCL GORBI BLOCK-B CHP	G7	4061.6	5279	4840	4128	3888	1151	952
2184	NCL GORBI BLOCK-B CHP	G7	4051.2	5388	5064	4127	3738	1261	1326
2185	WCL Ukni OCM (WANI)	G11	4008.1	4303	4083	3918	3673	385	410
2186	MCL LOCM III SDG BELPAHAR	G14	3754.7	4048	3805	3936	3490	112	315
2187	WCL Ukni OCM (WANI)	G11	3570.3	3773	3517	3272	3062	501	455
2188	NCL GORBI BLOCK-B CHP	G7	3990.8	5804	5449	4446	3942	1358	1507
2189	WCL Ghugus	G10	3910.1	3972	3758	3209	3053	763	705
2190	NCL JINGURDAHA	G9	909.6	4876	4486	3107	2569	1769	1917
2191	NCL JINGURDAHA	G13	3118.2	3123	2900	2800	2825	323	75
2192	WCL Ghugus	G10	4074.5	4314	4122	3472	3107	842	1015
2193	NCL SPUR LINE NO.II	G10	4118	4092	4106	3961	3625	131	481
2194	NCL GORBI BLOCK-B CHP	G7	4080.4	5599	5269	4366	3974	1233	1295
2195	SECL DIPIKA II colliery siding	G11	3982	2990	2830	4730	4399	-1740	-1569
2196	WCL Ukni OCM (WANI)	G11	3792.6	5193	5021	4282	3863	911	1158
2197	NCL GORBI BLOCK-B CHP	G7	4072.7	5617	5316	4528	4156	1089	1160
2198	WCL Ukni OCM (WANI)	G11	3828.5	4643	4434	4117	3691	526	743
2199	NCL JINGURDAHA	G9	1197.6	4882	4454	3047	2864	1835	1590
2200	NCL JINGURDAHA	G13	2891.6	2704	2464	2813	2534	-109	-70
2201	WCL Ghugus	G10	3937.3	4321	4097	3782	3597	539	500
2202	NCL GORBI BLOCK-B CHP	G7	4067.5	4974	4607	4252	3934	722	673
2203	NCL JINGURDAHA	G9	1065	4903	4516	3088	2833	1815	1683
2204	NCL JINGURDAHA	G13	2963	2947	2665	3477	3287	-530	-622
2205	SECL KATKONA COLLY SDG	SCII	1463.79	4800	4437	4171	3651	629	786
2206	SECL KATKONA COLLY SDG	SCII	1713.25	5113	4725	4171	3651	942	1074
2207	WCL Ukni OCM (WANI)	G11	3962.4	4826	4547	3799	3499	1027	1048
2208	NCL JINGURDAHA	G9	921	4792	4383	2899	2721	1893	1662
2209	NCL JINGURDAHA	G13	3232.1	3167	2907	2590	2327	577	580
2210	WCL Ukni OCM (WANI)	G11	4118.7	3820	3608	3799	3499	21	109
2211	NCL SPUR LINE NO.II	G10	4105.8	4181	4256	3858	3492	323	764
2212	WCL Ghugus	G10	4008.4	4418	4351	3365	3034	1053	1317
2213	WCL Ghugus	G10	4070.1	4031	3716	3632	3497	399	219
2214	NCL GORBI BLOCK-B CHP	G7	4064.5	4642	4388	4269	4001	373	387
2215	NCL DCH Wharfwall	G10	3874.1	4124	3775	4429	4064	-305	-289
2216	NCL JINGURDAHA	G9	923	4794	4444	2945	2788	1849	1656
2217	NCL JINGURDAHA	G13	3131	3280	2998	2993	2757	287	241
2218	WCL Ghugus	G10	4046.4	4311	4114	4588	4305	-277	-191

2219	NCL GORBI BLOCK-B CHP	G7	4061.2	4852	4496	4257	3797	595	699
2220	NCL DCH Wharfwall	G10	3806.9	4519	4175	4939	4377	-420	-202
2221	NCL SPUR LINE NO.II	G10	3808	3782	3350	3918	3604	-136	-254
2222	WCL Ukni OCM (WANI)	G11	4015.9	4061	3785	3512	3328	549	457
2223	NCL DCH Wharfwall	G10	3928.1	4761	4384	3800	3459	961	925
2224	NCL SPUR LINE NO.II	G10	4189	3960	3514	3788	3429	172	85
2225	WCL Ghugus	G10	4100.8	4349	3832	3728	3377	621	455
2226	NCL JINGURDAHA	G9	875.6	4879	4487	2909	2613	1970	1874
2227	NCL JINGURDAHA	G13	2755.5	3196	2939	3137	2811	59	128
2228	WCL Ghugus	G10	3894	4344	2935	4250	3973	94	-1038
2229	NCL JINGURDAHA	G9	790	4724	4321	3113	2874	1611	1447
2230	NCL JINGURDAHA	G13	2854.3	3620	3242	3702	3297	-82	-55
2231	NCL DCH Wharfwall	G10	4059.3	4657	4238	3852	3367	805	871
2232	NCL JINGURDAHA	G9	862.2	4706	4309	2955	2796	1751	1513
2233	NCL JINGURDAHA	G13	2854.3	3474	3148	3229	3058	245	90
2234	NCL GORBI BLOCK-B CHP	G7	4130	5340	5077	4045	3704	1295	1373
2235	WCL Ghugus	G10	3823.2	4457	4336	2586	2321	1871	2015
2236	NCL JINGURDAHA	G9	923	4669	4299	2783	2612	1886	1687
2237	NCL JINGURDAHA	G13	3155	3486	3157	2807	2563	679	594
2238	NCL GORBI BLOCK-B CHP	G7	4030.3	5316	4996	4229	4107	1087	889
2239	NCL JINGURDAHA	G9	910.6	4822	4240	2994	2635	1828	1605
2240	NCL JINGURDAHA	G13	2989.4	3879	3620	3468	3081	411	539
2241	WCL Ghugus	G10	3973.2	4525	4295	4198	3764	327	531
2242	NCL JINGURDAHA	G9	923	4783	4454	2912	2528	1871	1926
2243	NCL JINGURDAHA	G13	3225.3	3669	3436	3096	2723	573	713
2244	WCL Ghugus	G10	3982.9	4525	4351	3511	3275	1014	1076
2245	WCL Ghugus	G10	4000.7	4608	4503	3877	3590	731	913
2246	Imported rake MV Kmax Evodokia	N/A	3920.6	N/A	N/A	N/A	4911	N/A	N/A
2247	Imported rake MV Kmax Evodokia	N/A	3856.3	N/A	N/A	N/A	4984	N/A	N/A
2248	WCL Ghugus	G10	3950.1	4823	3763	3337	3186	1486	577
2249	WCL Ghugus	G10	3997.5	5024	4965	3101	2644	1923	2321
2250	SECL DIPIKA II colliery siding	G11	3942.5	3947	3764	3607	3214	340	550
2251	SECL DIPIKA II colliery siding	G11	3980.3	3549	3448	3298	2996	251	452
2252	Imported rake MV Kmax Evodokia	N/A	3750.3	N/A	N/A	N/A	4891	N/A	N/A
2253	WCL Ghugus	G10	3888.5	4899	4687	3864	3529	1035	1158
2254	NCL GORBI BLOCK-B CHP	G7	4022.3	4769	4406	4294	3837	475	569
2255	SECL DIPIKA II colliery siding	G11	3862.1	3907	3536	2613	2139	1294	1397
2256	MCL LOCM III SDG BELPAHAR	G14	3386.3	2763	2619	2719	2514	44	105
2257	Imported rake MV Star Marilena	N/A	1001.03	N/A	N/A	N/A	4791	N/A	N/A
2258	Imported rake MV Genco Maximus	N/A	2866.25	N/A	N/A	N/A	4829	N/A	N/A
2259	Imported rake MV Genco Maximus	N/A	134.2	N/A	N/A	N/A	4728	N/A	N/A
2260	SECL New Kusmunda siding	G11	4032.6	2995	2805	1653	1401	1342	1404
2261	WCL Ghugus	G10	3943	4981	4791	3601	3295	1380	1496
2262	NCL DCH Wharfwall	G10	4020.5	4438	3985	4687	4258	-249	-273

2263	MCL KANIKA SIDING	G14	3581	3742	3370	3022	2739	720	631
2264	SECL DIPIKA II colliery siding	G11	3746.4	3648	3425	3602	3412	46	13
2265	WCL Ghugus	G10	3935.4	3682	4679	3710	3444	-28	1235
2266	WCL Ghugus	G10	3955.6	4609	4341	3597	3389	1012	952
2267	NCL SPUR LINE NO.II	G10	4025.5	4543	4034	4399	4087	144	-53
2268	WCL Ukni OCM (WANI)	G11	3553.6	4008	3693	3515	3171	493	522
2269	WCL Ghugus	G10	4024.6	4580	4245	3642	3419	938	826
2270	NCL JINGURDAHA	G9	808	4740	4403	3128	2848	1612	1555
2271	NCL JINGURDAHA	G13	3096.6	3249	2948	3093	2847	156	101
2272	NCL JINGURDAHA	G9	1065	4815	4452	3046	2944	1769	1508
2273	NCL JINGURDAHA	G13	2911	3387	3131	2884	2723	503	408
2274	WCL Ghugus	G10	4168.8	4472	4222	3329	3049	1143	1173
2275	SECL New Kusmunda siding	G11	3742	3135	2903	2818	2536	317	367
2276	NCL GORBI BLOCK-B CHP	G9	4063.3	4904	4569	4026	3736	878	833
2277	NCL JINGURDAHA	G9	1028.6	4809	4335	3123	2903	1686	1432
2278	NCL JINGURDAHA	G13	2981.4	3736	3350	2996	2699	740	651
2279	NCL GORBI BLOCK-B CHP	G9	4063.6	5264	4883	4336	3965	928	918
2280	NCL DCH Wharfwall	G10	4021.7	4571	4105	4323	3818	248	287
2281	WCL Ghugus	G10	3909.7	4340	4090	3377	2843	963	1247
2282	NCL JINGURDAHA	G9	923	4713	4428	3288	3020	1425	1408
2283	NCL JINGURDAHA	G13	3195	3672	3326	3510	3078	162	248
2284	NCL GORBI BLOCK-B CHP	G9	4070.2	4925	4553	3934	3314	991	1239
2285	NCL DCH Wharfwall	G10	3860.5	4753	4265	3722	3163	1031	1102
2286	NCL JINGURDAHA	G9	1249.2	4758	4376	3197	2810	1561	1566
2287	NCL JINGURDAHA	G13	2841.3	3594	3270	3097	2613	497	657
2288	NCL GORBI BLOCK-B CHP	G9	4104.5	5497	5238	3801	3192	1696	2046
2289	WCL Ghugus	G10	3865.9	4384	4247	3408	3121	976	1126
2290	NCL GORBI BLOCK-B CHP	G9	4066.8	4968	4617	4172	3682	796	935
2291	NCL SPUR LINE NO.II	G10	3975.9	4336	3896	4213	3722	123	174
2292	NCL SPUR LINE NO.II	G10	4112.4	3894	3483	4185	3718	-291	-235
2293	NCL GORBI BLOCK-B CHP	G9	4060.5	5147	4860	4409	3871	738	989
2294	NCL JINGURDAHA	G9	1149.1	4865	4390	3009	2595	1856	1795
2295	NCL JINGURDAHA	G13	2751.6	3365	3004	3517	3009	-152	-5
2296	WCL Ghugus	G10	3933.9	4776	4422	4496	3884	280	538
2297	NCL JINGURDAHA	G9	1234.8	4800	4419	3043	2729	1757	1690
2298	NCL JINGURDAHA	G13	2785	3739	3352	3450	3031	289	321
2299	NCL GORBI BLOCK-B CHP	G9	4063.2	4692	4388	3993	3617	699	771
2300	WCL Ghugus	G10	4029.8	4686	4628	4139	3702	547	926
2301	Pakri Barwadih	G9	4023.2	4113	3905	4308	4043	-195	-138
2302	NCL JINGURDAHA	G9	848	4837	4450	3143	2884	1694	1566
2303	NCL JINGURDAHA	G13	3136.9	3603	4369	3283	2906	320	1463
2304	NCL GORBI BLOCK-B CHP	G9	3960.8	4249	3875	4144	3797	105	78
2305	Pakri Barwadih	G9	3975.6	4531	4292	4880	4493	-349	-201
2306	NCL NIGABI WHARFWALL	G11	3385.8	4315	4076	3583	3258	732	818

2307	NCL JINGURDAHA	G9	918.1	4897	4443	3169	3004	1728	1439
2308	NCL JINGURDAHA	G13	3113	3847	3499	3624	3323	223	176
2309	NCL SPUR LINE NO.II	G10	4118	3888	3435	3727	3374	161	61
2310	NCL DCH Wharfwall	G10	3881.8	4259	3833	3622	3275	637	558
2311	WCL Ghugus	G10	4071.5	4517	4188	3636	3287	881	901
2312	NCL GORBI BLOCK-B CHP	G9	4010.2	5313	4990	3887	3569	1426	1421
2313	NCL JINGURDAHA	G9	1050	4775	4431	2853	2685	1922	1746
2314	NCL JINGURDAHA	G13	2996	3374	3045	3286	3017	88	28
2315	Pakri Barwadih	G9	3947	4419	4150	4780	4361	-361	-211
2316	NCL DCH Wharfwall	G10	4085	4334	3826	3185	2812	1149	1014
2317	NCL GORBI BLOCK-B CHP	G9	4066.9	4923	4633	4346	4031	577	602
2318	NCL NIGAH WHARFWALL	G11	3644.9	4356	3997	3705	3325	651	672
2319	NCL JINGURDAHA	G9	1278	4852	4463	3254	2991	1598	1472
2320	NCL JINGURDAHA	G13	2770	3295	2998	3535	3150	-240	-152
2321	NCL NIGAH WHARFWALL	G11	3851.2	4375	4103	3863	3523	512	580
2322	NCL GORBI BLOCK-B CHP	G9	4020.5	5404	5115	4175	3811	1229	1304
2323	Pakri Barwadih	G9	3970.6	4613	4280	4526	4487	87	-207
2324	NCL JINGURDAHA	G9	652.7	4826	4317	3160	2905	1666	1412
2325	NCL JINGURDAHA	G13	3012.3	3583	3225	3583	3287	0	-62
2326	WCL Ghugus	G10	3966.9	5008	4805	3200	2930	1808	1875
2327	NCL NIGAH WHARFWALL	G11	3927.5	4475	4226	4144	3858	331	368
2328	NCL GORBI BLOCK-B CHP	G9	4066.8	5423	5116	4636	4000	787	1116
2329	SECL New Kusmunda siding	G11	3908.3	3282	2997	2461	2305	821	692
2330	WCL Ghugus	G10	3976.7	4756	4602	2369	2111	2387	2491
2331	Pakri Barwadih	G9	3909.2	4650	4252	4308	4133	342	119
2332	NCL DCH Silo	G10	4148.3	4202	-	4750	4076	-548	-
2333	MCL Belpahar OCP NO. 6	G14	3957.3	3862	3616	3231	2986	631	630
2334	NCL DCH Silo	G10	4060.4	4202	-	3809	3414	393	-
2335	NCL DCH Wharfwall	G10	4067.6	4831	4297	3098	2769	1733	1528
2336	WCL Ghugus	G10	3928.6	4458	4231	4126	3814	332	417
2337	NCL JINGURDAHA	G9	645	4931	4430	3658	3370	1273	1060
2338	NCL JINGURDAHA	G13	3337	4120	3755	3546	3278	574	477
2339	MCL Belpahar OCP NO. 6	G14	3858.4	3488	3186	3328	3117	160	69
2340	NCL DCH Wharfwall	G10	4071.2	4554	4166	3896	3501	658	665
2341	NCL SPUR LINE NO.II	G10	3933.6	4171	3809	3917	3594	254	215
2342	Pakri Barwadih	G9	3927	4406	4160	4375	4114	31	46
2343	NCL GORBI BLOCK-B CHP	G9	4037.3	5313	5022	4791	4421	522	601
2344	NCL GORBI BLOCK-B CHP	G9	4074.8	5206	4892	5032	4562	174	330
2345	NCL DCH Wharfwall	G10	4036	4566	4104	2235	1988	2331	2116
2346	WCL Ghugus	G10	4058.4	4708	4464	3753	3437	955	1027
2347	NCL SPUR LINE NO.II	G10	3958.2	4437	3953	3819	3459	618	494
2348	NCL DCH Wharfwall	G10	3794.8	4895	4431	3379	3042	1516	1389
2349	WCL Ghugus	G10	4057.7	4661	4464	3570	3193	1091	1271
2350	NCL DCH Wharfwall	G10	3899.6	4826	4282	3948	3506	878	776

2351	WCL Ghugus	G10	3920.9	4328	4161	3524	3148	804	1013
2352	NCL GORBI BLOCK-B CHP	G9	4041.2	5385	5125	4404	3999	981	1126
2353	NCL DCH Wharfwall	G10	3764.6	4781	4317	3692	3361	1089	956
2354	NCL GORBI BLOCK-B CHP	G9	3897.9	4972	4648	4095	3751	877	897
2355	NCL DCH Wharfwall	G10	3872.6	4711	4262	4267	3826	444	436
2356	NCL GORBI BLOCK-B CHP	G9	4065.9	5549	5247	4383	4066	1166	1181
2357	NCL JINGURDAHA	G9	1190	4786	4416	3474	3260	1312	1156
2358	NCL JINGURDAHA	G13	2947	3257	2909	3088	2804	169	105
2359	NCL DCH Wharfwall	G10	3751.9	4755	4224	4155	3691	600	533
2360	WCL Ghugus	G10	3946.7	4305	4028	3950	3633	355	395
2361	NCL JINGURDAHA	G9	799.7	4847	4499	3440	2945	1407	1554
2362	NCL JINGURDAHA	G13	2881.8	3607	3233	3678	3250	-71	-17
2363	NCL DCH Wharfwall	G10	3698.3	4673	4214	3052	2752	1621	1462
2364	WCL Ghugus	G10	4031	4449	4146	3939	3659	510	487
2365	NCL DCH Wharfwall	G10	3763.4	4658	4144	3410	3114	1248	1030
2366	NCL Bina Wharfwall	G11	3908.1	4534	4153	3425	3141	1109	1012
2367	NCL NIGAH I WHARFWALL	G11	4118	4515	4119	3158	2909	1357	1210
2368	MCL KANIKA SIDING	G14	1680.7	3573	3243	2889	2730	684	513
2369	MCL KANIKA SIDING	G14	2268.5	3860	3487	2889	2730	971	757
2370	NCL DCH Wharfwall	G10	3697.1	4708	4287	4672	4191	36	96
2371	WCL Ghugus	G10	3889.9	4468	4234	4259	3783	209	451
2372	NCL Spur Siding	G7	703.37	5212	4712	6009	5407	-797	-695
2373	NCL Spur Siding	G10	3304.58	4466	4071	6009	5407	-1543	-1336
2374	NCL DCH Wharfwall	G10	3994.8	4667	4256	4677	4218	-10	38
2375	SECL New Kusmunda siding	G11	3802.9	3148	2991	3017	2729	131	262
2376	WCL Ghugus	G10	4047.3	4366	4056	3889	3572	477	484
2377	NCL GORBI BLOCK-B CHP	G9	4073.1	5106	4815	4808	4592	298	223
2378	NCL DCH Wharfwall	G10	3895.3	4890	4448	5079	4630	-189	-182
2379	NCL SPUR LINE NO.II	G10	3760.8	4211	3838	3934	3651	277	187
2380	NCL JINGURDAHA	G9	1011	4647	4255	2885	2623	1762	1632
2381	NCL JINGURDAHA	G13	3049.2	3025	2746	2944	2639	81	107
2382	SECL New Kusmunda siding	G11	3751.5	3189	2974	2984	2813	205	161
2383	WCL Ghugus	G10	4052	4420	4092	4484	4161	-64	-69
2384	NCL Jayant RCR mode	G10	4047.9	4130	3786	3032	2819	1098	967
2385	WCL Ghugus	G10	4147.7	4334	4007	3532	3248	802	759
2386	NCL GORBI BLOCK-B CHP	G9	3894.3	5411	5085	4764	4324	647	761
2387	SECL New Kusmunda siding	G11	3660.9	3242	3063	3121	2825	121	238
2388	NCL SPUR LINE NO.II	G10	3771.8	4193	3818	3464	3254	729	564
2389	NCL Jayant RCR mode	G10	4108.6	4130	3786	2745	2571	1385	1215
2390	WCL Ghugus	G10	3912.7	4776	4506	4227	3888	549	618
2391	MCL LOCM III SDG BELPAHAR	G14	3751.8	3271	3002	2847	2590	424	412
2392	NCL JINGURDAHA	G9	669.3	4756	4409	5206	4914	-450	-505
2393	NCL JINGURDAHA	G13	3415.8	3648	3318	2891	2602	757	716
2394	MCL BELPAHAR OCP I AND II	G14	4003.6	3634	3429	2867	2606	767	823

2395	NCL GORBI BLOCK-B CHP	G9	4015.2	5590	5155	5349	4796	241	359
2396	MCL BELPAHAR OCP I AND II	G14	3594.17	3367	3115	2983	2773	384	342
2397	WCL Ghugus	G10	4027.2	4546	4262	4614	4210	-68	52
2398	NCL NIGAH I WHARFWALL	G11	3857.8	4435	4102	4641	4218	-206	-116
2399	WCL Ghugus	G10	3835.3	4417	4036	3242	2988	1175	1048
2400	NCL Jayant RCR mode	G10	4125.8	4130	3786	2778	2475	1352	1311
2401	MCL KANIKA SIDING	G14	1233.17	3496	3253	3344	3101	152	152
2402	MCL KANIKA SIDING	G14	1831.65	3429	3183	3344	3101	85	82
2403	WCL Ghugus	G10	4191.5	4429	4209	4186	3812	243	397
2404	NCL Jayant RCR mode	G10	3927.8	4130	3786	3290	3039	840	747
2405	NCL NIGAH I WHARFWALL	G11	3456.5	4442	4148	5147	4623	-705	-475
2406	NCL NIGAH I WHARFWALL	G11	3706.6	4198	3888	5061	4620	-863	-732
2407	NCL JINGURDAHA	G9	1065	4852	4372	2807	2542	2045	1830
2408	NCL JINGURDAHA	G13	3053	3361	3093	2666	2382	695	711
2409	NCL NIGAH I WHARFWALL	G11	3727.5	4475	4123	5087	4707	-612	-584
2410	NCL Spur Siding	G7	3377.28	5297	4885	5492	4881	-195	4
2411	NCL Spur Siding	G10	687.48	4769	4331	5492	4881	-723	-550
2412	WCL Ghugus	G10	3903.9	4624	4577	3636	3367	988	1210
2413	NCL GORBI BLOCK-B CHP	G9	4015	4947	4701	3827	3556	1120	1145
2414	WCL Ghugus	G10	3897.6	4397	4267	4001	3708	396	559
2415	NCL NIGAH I WHARFWALL	G11	4035.1	4190	3845	4493	4060	-303	-215
2416	NCL NIGAH I WHARFWALL	G11	3691.3	4006	3643	5014	4516	-1008	-873
2417	NCL DCH Silo	G10	4082.5	4202	-	4477	4052	-275	-
2418	NCL NIGAH I WHARFWALL	G11	3736.6	4536	4218	4881	4485	-345	-267
2419	NCL Bina Coll Sdg	G11	4161.8	4684	4261	3477	3171	1207	1090
2420	NCL Spur Siding	G7	3196.75	5479	5334	4641	4234	838	1100
2421	NCL Spur Siding	G10	702	3804	3560	4641	4234	-837	-674
2422	NCL GORBI BLOCK-B CHP	G9	4058.6	4434	4353	4121	3729	313	624
2423	NCL JINGURDAHA	G9	852	4900	4513	3034	2779	1866	1734
2424	NCL JINGURDAHA	G13	3173	3584	3204	3301	2979	283	225
2425	NCL Jayant RCR mode	G10	3952.5	4130	3786	3020	2791	1110	995
2426	NCL SPUR LINE NO.II	G10	4164	5229	4791	3206	2909	2023	1882
2427	NCL DCH Wharfwall	G10	3817.3	4577	4237	3955	3708	622	529
2428	NCL NIGAH I WHARFWALL	G11	3891.1	4417	4153	4301	3964	116	189
2429	SCCL GODAVARI KHANI NO 6 COLLIERY	G11	4032.1	3661	3475	3691	3541	-30	-66
2430	NCL JINGURDAHA	G13	3105.1	3625	3237	3380	3079	245	158
2431	NCL JINGURDAHA	G9	785.3	4706	4320	2939	2725	1767	1595
2432	WCL Ghugus	G10	3840.8	4591	4382	3418	3145	1173	1237
2433	NCL JINGURDAHA	G9	833	4851	4488	2751	2483	2100	2005
2434	NCL JINGURDAHA	G13	3264	3542	3227	3184	2916	358	311
2435	WCL Ghugus	G10	3871	4457	4207	3398	3159	1059	1048
2436	NCL SPUR LINE NO.II	G10	3596	3305	2995	3486	3180	-181	-185
2437	NCL NIGAH I WHARFWALL	G11	4151	4327	3916	3836	3672	491	244
2438	NCL NIGAH I WHARFWALL	G11	4118	4563	4135	3118	2917	1445	1218

2439	NCL JINGURDAHA	G9	852	4817	4397	3084	2866	1733	1531
2440	NCL JINGURDAHA	G13	3266	3542	3187	3408	3075	134	112
2441	NCL SPUR LINE NO.II	G10	3997	3451	3143	3408	3099	43	44
2442	NCL JINGURDAHA	G9	1194	4706	4371	3433	3083	1273	1288
2443	NCL JINGURDAHA	G13	2861	3714	3460	3467	3235	247	225
2444	NCL SPUR LINE NO.II	G10	4159.5	3486	3175	3613	3315	-127	-140
2445	WCL Ghugus	G10	3848.1	4500	4155	3611	3398	889	757
2446	NCL Bina Wharfwall	G11	3859.5	4376	4018	4244	3888	132	130
2447	NCL Spur Siding	G7	3949.2	5563	3506	5312	5065	251	-1559
2448	NCL Spur Siding	G10	633.87	3858	5109	5312	5065	-1454	44
2449	WCL Ghugus	G10	3315.28	4228	4063	3361	3182	867	881
2450	NCL JINGURDAHA	G9	1187.5	4638	4324	2967	2789	1671	1535
2451	NCL JINGURDAHA	G13	2795.6	3415	3047	3256	3077	159	-30
2452	NCL NIGAH WHARFWALL	G11	3868.8	4608	4162	3576	3342	1032	820
2453	NCL SPUR LINE NO.II	G10	3954.8	3384	3213	3727	3494	-343	-281
2454	NCL JINGURDAHA	G9	1278	4692	4370	2996	2801	1696	1569
2455	NCL JINGURDAHA	G13	2818.8	3906	3553	3239	3008	667	545
2456	NCL NIGAH WHARFWALL	G11	4037.1	4206	3839	4515	4137	-309	-298
2457	NCL SPUR LINE NO.II	G10	4118	3649	3488	3252	2995	397	493
2458	NCL JINGURDAHA	G9	1236.2	4812	4465	2665	2477	2147	1988
2459	NCL JINGURDAHA	G13	2691.8	3810	3495	3052	2765	758	730
2460	NCL SPUR LINE NO.II	G10	4028.7	3421	3285	3131	2973	290	312
2461	NCL SPUR LINE NO.II	G10	4013.1	3332	3199	3225	2953	107	246
2462	NCL NIGAH WHARFWALL	G11	4118	4187	3848	3007	2759	1180	1089
2463	NCL SPUR LINE NO.II	G10	4005.9	3520	3171	3209	2932	311	239
2464	WCL Ghugus	G10	3981.1	3746	3476	3567	3338	179	138
2465	NCL NIGAH WHARFWALL	G11	4085	4389	4036	3177	2871	1212	1165
2466	NCL DCH Wharfwall	G10	4118	4648	4231	4226	3645	422	586
2467	NCL DCH Wharfwall	G10	3900.3	4630	4224	3741	3378	889	846
2468	NCL NIGAH WHARFWALL	G11	4211.8	4451	4148	3573	3357	878	791
2469	WCL Ghugus	G10	4121.1	4619	4339	3380	3105	1239	1234
2470	NCL DCH Wharfwall	G10	4042.3	4691	4240	4240	3815	451	425
2471	WCL Ghugus	G10	4153	4165	3936	4158	3814	7	122
2472	WCL Ghugus	G10	4026.1	3511	3347	3759	3505	-248	-158
2473	NCL SPUR LINE NO.II	G10	3958.7	3169	2892	3455	3188	-286	-296
2474	NCL NIGAH WHARFWALL	G11	3905	4423	4154	3622	3356	801	798
2475	NCL NIGAH WHARFWALL	G11	3976	4549	4186	3322	3050	1227	1136
2476	NCL GORBI BLOCK-B CHP	G9	4047	4933	4660	4399	4022	534	638
2477	WCL Ghugus	G10	3970.4	4432	4263	4089	3777	343	486
2478	NCL DCH Wharfwall	G10	3676.8	4608	4081	4292	3844	316	237
2479	NCL GORBI BLOCK-B CHP	G9	4062.4	5022	4632	4459	4085	563	547
2480	NCL GORBI BLOCK-B CHP	G9	4066.4	5339	4996	4599	4263	740	733
2481	NCL SPUR LINE NO.II	G10	3943	3630	3269	3198	2987	432	282
2482	NCL NIGAH WHARFWALL	G11	4084.3	4455	4174	3774	3497	681	677

2483	NCL DCH Wharfwall	G10	3734	4577	4099	3919	3489	658	610
2484	WCL Ghugus	G10	3977.8	4063	3969	3924	3673	139	296
2485	NCL Spur Siding	G7	3338.79	4657	4289	4885	4454	-228	-165
2486	NCL Spur Siding	G10	650.03	3716	3379	4885	4454	-1169	-1075
2487	NCL GORBI BLOCK-B CHP	G9	4013.3	5623	5244	4595	4284	1028	960
2488	WCL Ghugus	G10	4109.6	4083	4013	3492	3178	591	835
2489	NCL NIGAH I WHARFWALL	G11	3721.1	4453	4154	4844	4664	-391	-510
2490	NCL GORBI BLOCK-B CHP	G9	3915.6	4950	4888	5181	4810	-231	78
2491	NCL NIGAH I WHARFWALL	G11	3763.3	4370	4197	4837	4501	-467	-304
2492	NCL SPUR LINE NO.II	G10	4147.9	3262	3060	3404	3164	-142	-104
2493	WCL Ghugus	G10	4039.5	3574	3355	2959	2725	615	630
2494	Pakri Barwadih	G9	3953.7	4346	4154	4638	4378	-292	-224
2495	NCL JINGURDAHA	G13	2346.3	4177	3906	3670	3296	507	610
2496	NCL JINGURDAHA	G9	1496.3	4823	4402	3472	3207	1351	1195
2497	WCL Ghugus	G10	4006.3	4503	4348	2977	2735	1526	1613
2498	NCL SPUR LINE NO.II	G10	3706.5	3363	3016	3357	3055	6	-39
2499	Pakri Barwadih	G9	3929.3	4196	4019	4084	3855	112	164
2500	NCL JINGURDAHA	G9	1294.6	4760	4370	3388	3084	1372	1286
2501	NCL JINGURDAHA	G13	2608.6	3867	3520	3316	2943	551	577
2502	NCL NIGAH I WHARFWALL	G11	4001.6	4499	4137	2656	2402	1843	1735
2503	WCL Ghugus	G10	4151.2	4485	4391	3144	2938	1341	1453
2504	NCL JINGURDAHA	G9	1170	4880	4456	3199	2987	1681	1469
2505	NCL JINGURDAHA	G13	2688.9	4144	3817	3383	3028	761	789
2506	NCL SPUR LINE NO.II	G10	4102.8	3584	3212	3248	2966	336	246
2507	NCL GORBI BLOCK-B CHP	G9	4026.3	5039	4774	4882	4407	157	367
2508	Pakri Barwadih	G9	4013	4769	4505	4339	4112	430	393
2509	Pakri Barwadih	G9	3949.3	4105	3903	4237	3979	-132	-76
2510	NCL GORBI BLOCK-B CHP	G9	3783.2	5094	4744	4288	3913	806	831
2511	NCL NIGAH I WHARFWALL	G11	4013	4533	4167	4123	3771	410	396
2512	NCL SPUR LINE NO.II	G10	4019.6	3577	3237	3062	2799	515	438
2513	WCL Ghugus	G10	3911	4135	3931	3964	3643	171	288
2514	NCL NIGAH I WHARFWALL	G11	4008.5	4343	4016	4386	3926	-43	90
2515	NCL SPUR LINE NO.II	G10	3983.5	3215	2976	3271	3043	-56	-67
2516	NCL NIGAH I WHARFWALL	G11	3736	4490	4114	3716	3406	774	708
2517	NCL JINGURDAHA	G9	1562	4888	4477	3243	3025	1645	1452
2518	NCL JINGURDAHA	G13	2457.6	4064	3793	3195	2906	869	887
2519	NCL SPUR LINE NO.II	G10	4189	3624	3377	3009	2726	615	651
2520	WCL BALLARPUR COLLIERY SDG	G11	1987.96	3786	3606	2957	2700	829	906
2521	WCL BALLARPUR COLLIERY SDG	G11	2049.21	4270	4110	2957	2700	1313	1410
2522	NCL Bina Wharfwall	G11	3853.3	4466	4000	3963	3631	503	369
2523	WCL PANDHAR PAVANI	G12	3880.6	3508	3257	2677	2434	831	823
2524	WCL Ghugus	G10	3976.6	4143	4058	3762	3524	381	534
2525	NCL Jayant RCR mode	G10	3944.8	4130	3786	2883	2694	1247	1092
2526	NCL GORBI BLOCK-B CHP	G9	4005.3	5420	5011	4583	4298	837	713

2527	NCL JINGURDAHA	G9	1235.6	4884	4417	3202	2971	1682	1446
2528	NCL JINGURDAHA	G13	2772.4	4051	3683	3448	3239	603	444
2529	NCL SPUR LINE NO.II	G10	3975.2	3525	3183	3694	3401	-169	-218
2530	NCL NIGAH I WHARFWALL	G11	4118	4473	4178	4364	4067	109	111
2531	WCL PANDHAR PAVANI	G11	2229.46	4218	3951	2882	2738	1336	1213
2532	WCL PANDHAR PAVANI	G12	1657.28	3484	3306	2882	2676	602	630
2533	NCL JINGURDAHA	G9	1207	4906	4441	3627	3287	1279	1154
2534	NCL JINGURDAHA	G13	2911	3796	3554	3340	3104	456	450
2535	WCL UMRED COLLIRY SDG BUTI BORI	G9	2928.2	4463	3995	4725	4180	-262	-185
2536	WCL UMRED COLLIRY SDG BUTI BORI	G11	1035.6	4448	3912	4725	4180	-277	-268
2537	NCL DCH Wharfwall	G10	3798.8	4697	4217	3755	3447	942	770
2538	NCL NIGAH I WHARFWALL	G11	4090	4412	4033	3413	3206	999	827
2539	NCL SPUR LINE NO.II	G10	3785.7	3596	3267	3473	3226	123	41
2540	NCL DCH Wharfwall	G10	3954	4378	3921	3823	3481	555	440
2541	NCL NIGAH I WHARFWALL	G11	4035	4476	4165	2971	2800	1505	1365
2542	NCL JINGURDAHA	G9	1263	4905	4430	3294	3068	1611	1362
2543	NCL JINGURDAHA	G13	2896	3882	3539	3487	3186	395	353
2544	WCL Ghugus	G10	3866.9	4336	4058	3268	2995	1068	1063
2545	WCL PANDHAR PAVANI	G10	3741.2	3376	3143	3051	2842	325	301
2546	NCL SPUR LINE NO.II	G10	3778.3	3875	3511	3484	3164	391	347
2547	NCL DCH Silo	G10	4088.9	4202	-	4581	4124	-379	-
2548	SECL GEVRA PROJECT (JUNADIH) COLLIERY	G11	3994.5	3645	3423	3034	2892	611	531
2549	NCL NIGAH I WHARFWALL	G11	4063	4343	3966	3822	3423	521	543
2550	WCL Ghugus	G10	4023.9	4631	4403	3704	3438	927	965
2551	NCL JINGURDAHA	G9	1243	4894	4774	2953	2710	1941	2064
2552	NCL JINGURDAHA	G13	2783.3	4233	3841	4018	3636	215	205
2553	WCL Ghugus	G10	3994.1	4313	4082	3226	2966	1087	1116
2554	NCL JINGURDAHA	G9	1298	4956	4540	3134	2795	1822	1745
2555	NCL JINGURDAHA	G13	2615.4	4075	3699	3609	3184	466	515
2556	WCL Ghugus	G10	3853.7	4622	4346	3134	2976	1488	1370
2557	NCL JINGURDAHA	G9	1243.9	4778	4400	3011	2858	1767	1542
2558	NCL JINGURDAHA	G13	2726.5	4119	3778	3673	3382	446	396
2559	NCL SPUR LINE NO.II	G10	4118	3732	3454	3276	3048	456	406
2560	WCL Ghugus	G10	4004	4586	4318	3174	2969	1412	1349
2561	WCL PANDHAR PAVANI	G11	1896	3756	3460	3003	2793	753	667
2562	WCL PANDHAR PAVANI	G10	1886	4010	3768	3003	2793	1007	975
2563	NCL Bina Wharfwall	G11	4047	4638	4229	2748	2605	1890	1624
2564	WCL Ghugus	G10	4080.9	4777	4509	3475	3265	1302	1244
2565	Pakri Barwadih	G9	3582.2	4316	4104	4522	4246	-206	-142
2566	NCL DCH Wharfwall	G10	3811.7	4663	4168	3507	3182	1156	986
2567	NCL Jayant RCR mode	G10	4040.5	4130	3786	2776	2597	1354	1189
2568	NCL DCH Wharfwall	G10	3843.8	4638	4134	4015	3710	623	424
2569	NCL GORBI BLOCK-B CHP	G9	4074.5	5210	4876	4965	4603	245	273
2570	NCL DCH Silo	G10	4023.5	4202	-	4320	3901	-118	-

2571	Pakri Barwadih	G9	3949.8	4536	4350	4319	4080	217	270
2572	NCL GORBI BLOCK-B CHP	G9	3957.6	4575	4233	4385	3937	190	296
2573	NCL DCH Wharfwall	G10	3950.6	4141	3769	3526	3256	615	513
2574	WCL Ghugus	G10	3880.9	3957	3714	2889	2647	1068	1067
2575	SECL New Kusmunda siding	G11	3611.8	3732	3501	3446	3265	286	236
2576	NCL Spur Siding	G7	3334.7	5267	4782	4934	4437	333	345
2577	NCL Spur Siding	G10	714.8	3170	2835	4934	4437	-1764	-1602
2578	WCL Ghugus	G10	3843.5	4850	4538	3125	2934	1725	1604
2579	WCL Ghugus	G10	4039.9	4544	4283	3310	3074	1234	1209
2580	NCL JINGURDAHA	G9	1278	5011	4252	3370	3178	1641	1074
2581	NCL JINGURDAHA	G13	2840	4229	3873	3701	3366	528	507
2582	Pakri Barwadih	G9	3631.3	4116	3972	4138	3783	-22	189
2583	NCL DCH Wharfwall	G10	3655.3	4323	3827	3605	3335	718	492
2584	NCL NIGAH I WHARFWALL	G11	4054.6	4634	4230	4297	4031	337	199
2585	NCL NIGAH I WHARFWALL	G11	4054.8	4649	4258	4288	3949	361	309
2586	WCL PANDHAR PAVANI	G11	3817.1	4761	4508	3578	3352	1183	1156
2587	NCL Bina Wharfwall	G11	3431.6	4563	4190	3671	3381	892	809
2588	SECL New Kusmunda siding	G11	3613.7	3657	3476	3140	2916	517	560
2589	WCL PANDHAR PAVANI	G12	3794.8	4218	3993	3203	3009	1015	984
2590	NCL JINGURDAHA	G9	1278	4850	4442	2973	2730	1877	1712
2591	NCL JINGURDAHA	G13	2911	4340	4468	3763	3370	577	1098
2592	WCL PANDHAR PAVANI	G12	3808.2	4223	3953	4134	3940	89	13
2593	WCL Ghugus	G10	3942.9	4428	4146	3154	2907	1274	1239
2595	NCL GORBI BLOCK-B CHP	G9	3881.9	5140	4842	4178	3846	962	996
2596	NCL JINGURDAHA	G9	1278	4848	4390	3186	2957	1662	1433
2597	NCL JINGURDAHA	G13	2911	3812	3465	3197	2964	615	501
2598	WCL Ghugus	G10	3874.9	4735	4444	4258	4160	477	284
2599	NCL Bina Wharfwall	G11	3264.1	4368	3936	4298	3926	70	10
2600	Pakri Barwadih	G9	4039.4	4083	3861	4207	4157	-124	-296
2601	SECL New Kusmunda siding	G11	3269.3	3522	3339	3190	3070	332	269
2602	WCL PANDHAR PAVANI	G11	3816.6	4123	3878	2797	2664	1326	1214
2603	NCL JINGURDAHA	G9	710	4859	4672	2947	2762	1912	1910
2604	NCL JINGURDAHA	G13	3408	3684	3487	3424	3183	260	304
2605	NCL NIGAH I WHARFWALL	G11	4189	4539	4100	4824	4518	-285	-418
2606	NCL DCH Wharfwall	G10	3955.6	4067	3656	4840	4526	-773	-870
2607	NCL GORBI BLOCK-B CHP	G9	4016	5166	4889	4394	4026	772	863
2608	WCL Ghugus	G10	3782.7	4756	4455	4029	3724	727	731
2609	NCL JINGURDAHA	G9	704	4915	4444	2970	2793	1945	1651
2610	NCL JINGURDAHA	G13	3379	4035	3672	3543	3260	492	412
2611	WCL Ghugus	G10	4118.9	4740	4464	3990	3770	750	694
2614	NCL SPUR LINE NO.II	G10	4042.5	3481	3101	2862	2628	619	473
2615	NCL GORBI BLOCK-B CHP	G9	3895.1	5369	4930	4958	4582	411	348
2616	WCL PANDHAR PAVANI	G10	3917.7	4326	4146	2878	2732	1448	1414
2617	NCL DCH Wharfwall	G10	3987.7	4612	4188	4272	3866	340	322

2619	NCL DCH Silo	G10	4031.8	4202	-	3994	3612	208	-
2621	WCL PANDHAR PAVANI	G11	3820.1	4200	4048	2399	2257	1801	1791
2622	NCL GORBI BLOCK-B CHP	G9	3990.4	5350	4976	4978	4579	372	397
2623	NCL JINGURDAHA	G9	677.1	4879	4578	3227	3023	1652	1555
2624	NCL JINGURDAHA	G13	3164.3	3984	3626	3780	3475	204	151
2625	WCL PANDHAR PAVANI	G10	3871.9	3919	3637	3479	3316	440	321
2626	NCL GORBI BLOCK-B CHP	G9	4026.9	5462	5020	4880	4460	582	560
2627	NCL DCH Silo	G10	4031.7	4202	-	4727	4396	-525	-
2629	WCL PANDHAR PAVANI	G11	2024.2	4220	4029	2705	2446	1515	1583
2630	WCL PANDHAR PAVANI	G12	2005	4100	3957	2705	2446	1395	1511
2631	WCL Ghugus	G10	4014.1	4565	4306	3308	3049	1257	1257
2632	WCL PANDHAR PAVANI	G10	3974.1	4418	4192	2335	2112	2083	2080
2633	WCL Ghugus	G10	3789.1	4533	4275	4714	4414	-181	-139
2635	NCL DCH Silo	G10	4070.1	4202	-	4635	4248	-433	-
2637	NCL DCH Wharfwall	G10	3978.8	4458	4035	3803	3560	655	475

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: NTPC Ramagundam

Name of Company: NTPC Ltd

Sampling methodology adopted for station : As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement :01.04.2009

Annual Contracted Quantity (as per FSA):112 Lakh Tonns(LMT) (SCCL)

Mode of transport MGR AND Railway Rakes

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	APRIL-17	SCCL	G10	706279	4,533	4,264	4,132	3,864	401	400
2	APRIL-17	SCCL	G13	32703	3,942	3,799	3,472	3,282	470	517
3	APRIL-17	SCCL	G11	105342	3,969	3,801	3,755	3,566	214	235
4	APRIL-17	SCCL	G11	43161	4,419	4,076	3,718	3,444	701	632
5	APRIL-17	SCCL	G9	18516	4,553	4,219	3,770	3,467	782	751
6	MAY-17	SCCL	G10	704991	4,497	4,258	3,827	3,636	670	622
7	MAY-17	SCCL	G13	49207	4,002	3,886	3,627	3,498	375	388
8	MAY-17	SCCL	G11	134042	3,983	3,819	3,983	3,789	-	30
9	MAY-17	SCCL	G11	23266	3,658	3,442	3,406	3,177	252	265
10	MAY-17	SCCL	G9	15350	4,339	4,132	4,015	3,824	323	309
11	JUNE-17	SCCL	G10	299786	4,471	4,125	4,242	3,957	229	168
12	JUNE-17	SCCL	G11	30479	3,950	3,742	3,855	3,630	95	112
13	JUNE-17	SCCL	G9	85769	4,384	4,151	3,996	3,759	389	392
14	JULY-17	SCCL	G10	676392	4,502	4,188	4,320	4,021	182	167
15	JULY-17	SCCL	G13	14305	3,712	3,547	3,337	3,153	375	394
16	JULY-17	SCCL	G11	236389	3,837	3,689	3,548	3,381	289	308
17	JULY-17	SCCL	G11	78282	3,827	3,584	3,463	3,203	364	381
18	JULY-17	SCCL	G9	6896	3,092	3,028	3,033	2,876	59	152
19	AUGUST-17	SCCL	G10	683312	4,206	3,910	3,882	3,620	325	290
20	AUGUST-17	SCCL	G13	6908	3,995	3,828	3,239	3,066	756	762
21	AUGUST-17	SCCL	G11	220377	4,179	4,004	3,609	3,428	571	576
22	AUGUST-17	SCCL	G11	93304	3,724	3,489	3,484	3,178	240	310
23	AUGUST-17	SCCL	G9	30105	4,254	3,809	4,219	3,645	36	164
24	AUGUST-17	SCCL	G9	76130	4,371	4,143	4,095	3,812	276	331
25	SEPTEMBER-17	SCCL	G10	658545	4,091	3,807	4,200	3,598	-109	209
26	SEPTEMBER-17	SCCL	G13	3690	3,221	3,129	3,111	3,006	110	123
27	SEPTEMBER-17	SCCL	G11	214300	3,938	3,751	3,494	3,322	444	430
28	SEPTEMBER-17	SCCL	G11	60264	3,720	3,485	3,499	3,222	221	263

29	SEPTEMBER-17	SCCL	G8	7497	4,942	4,643	4,649	4,371	293	272
30	SEPTEMBER-17	SCCL	G9	7276	4,066	3,678	3,953	3,509	113	168
31	SEPTEMBER-17	SCCL	G9	36817	4,177	3,996	3,982	3,742	195	254
32	OCTOBER-17	SCCL	G10	663354	4,326	4,023	3,720	3,476	605	547
33	OCTOBER-17	SCCL	G11	192501	3,995	3,800	3,479	3,288	516	512
34	OCTOBER-17	SCCL	G11	47190	4,070	3,862	3,687	3,409	384	453
35	OCTOBER-17	SCCL	G9	3284	4,315	3,731	4,536	3,803	-221	-72
36	OCTOBER-17	SCCL	G9	29408	3,085	2,945	2,840	2,734	245	211
37	OCTOBER-17	SCCL	G9	30579	4,437	4,262	4,048	3,865	388	398
38	NOVEMBER-17	SCCL	G10	667184	4,603	4,294	4,071	3,803	532	492
39	NOVEMBER-17	SCCL	G13	14061	3,477	3,325	3,404	3,233	72	92
40	NOVEMBER-17	SCCL	G11	243014	3,748	3,583	3,521	3,356	227	227
41	NOVEMBER-17	SCCL	G11	33320	4,238	4,081	3,799	3,629	440	451
42	NOVEMBER-17	SCCL	G9	10458	4,275	3,859	4,144	3,898	131	-39
43	NOVEMBER-17	SCCL	G9	92288	3,007	2,907	2,719	2,618	288	289
44	NOVEMBER-17	SCCL	G9	30231	4,602	4,443	3,834	3,663	768	780
45	DECEMBER-17	SCCL	G10	686983	4,613	4,292	4,242	3,976	371	316
46	DECEMBER-17	SCCL	G13	26092	4,067	3,855	3,708	3,482	359	373
47	DECEMBER-17	SCCL	G11	281113	4,265	4,055	3,867	3,671	397	383
48	DECEMBER-17	SCCL	G11	42122	4,188	4,016	3,583	3,423	605	593
49	DECEMBER-17	SCCL	G9	48071	2,964	2,896	2,770	2,678	195	218
50	DECEMBER-17	SCCL	G9	23293	4,107	3,923	3,748	3,565	359	358
51	JANUARY-18	SCCL	G10	652291	4,340	4,064	3,891	3,669	449	395
52	JANUARY-18	SCCL	G13	64676	3,654	3,485	3,685	3,491	-31	-6
53	JANUARY-18	SCCL	G11	313294	4,214	4,031	3,913	3,729	302	302
54	JANUARY-18	SCCL	G11	52246	4,110	3,943	3,574	3,384	536	560
55	JANUARY-18	SCCL	G9	28274	2,991	2,923	2,865	2,769	127	154
56	JANUARY-18	SCCL	G9	30635	4,293	4,125	3,952	3,774	341	351
57	FEBRUARY-18	SCCL	G10	632249	4,503	4,224	3,924	3,695	578	529
58	FEBRUARY-18	SCCL	G13	19932	3,574	3,402	3,664	3,472	-90	-70
59	FEBRUARY-18	SCCL	G11	302590	4,211	4,015	3,986	3,798	226	217
60	FEBRUARY-18	SCCL	G11	3777	4,085	3,934	3,761	3,570	324	364
61	FEBRUARY-18	SCCL	G9	6962	4,331	4,160	4,172	3,973	159	186
62	MARCH-18	SCCL	G10	699530	4,578	4,302	4,056	3,836	522	465
63	MARCH-18	SCCL	G11	319627	4,197	4,032	4,021	3,852	176	179
64	Apr-18	SCCL	G10	735808	4,732	4,464	4,282	4,067	450	397
65	Apr-18	SCCL	G13	10098	4,283	4,063	4,062	3,928	221	135
66	Apr-18	SCCL	G11	392129	4,305	4,154	4,268	4,122	38	32
67	Apr-18	SCCL	G15	6623	3,090	2,969	2,733	2,646	356	322
68	May-18	SCCL	G10	784830	4,492	4,227	4,411	4,183	81	44
69	May-18	SCCL	G11	252182	4,128	3,943	4,047	3,873	81	70
70	May-18	SCCL	G11	3837	4,835	4,287	3,708	3,381	1,127	906
71	May-18	SCCL	G10	3609	4,511	4,196	4,289	4,113	222	83

72	Jun-18	SCCL	G10	634039	4,581	4,279	4,200	3,962	381	318
73	Jun-18	SCCL	G13	10746	4,258	4,131	4,026	3,684	232	447
74	Jun-18	SCCL	G11	196875	4,154	3,948	4,078	3,841	76	108
75	Jun-18	SCCL	G11	15587	4,052	3,863	3,563	3,418	490	445
76	Jun-18	SCCL	G11	22274	4,577	4,204	4,381	4,018	196	186
77	Jun-18	SCCL	G10	14622	4,352	4,116	4,266	3,833	86	283
78	Jul-18	SCCL	G10	584362	4,514	4,176	4,279	3,985	235	191
79	Jul-18	SCCL	G13	69063	3,885	3,647	3,885	3,589	-0	58
80	Jul-18	SCCL	G11	138038	3,622	3,417	3,531	3,306	91	111
81	Jul-18	SCCL	G11	4007	3,888	3,712	3,728	3,507	160	205
82	Aug-18	SCCL	G10	587757	4,355	4,036	3,956	3,691	398	345
83	Aug-18	SCCL	G13	116380	3,882	3,656	3,643	3,383	239	274
84	Aug-18	SCCL	G11	44080	3,896	3,704	3,677	3,289	219	415
85	Sep-18	SCCL	G10	552496	4,237	3,922	3,996	3,737	241	185
86	Sep-18	SCCL	G13	167683	3,902	3,677	3,674	3,905	228	-228
87	Sep-18	SCCL	G11	40389	4,014	3,779	3,808	3,539	207	240
88	Sep-18	SCCL	G11	15471	4,459	4,250	4,004	3,816	456	434
89	Sep-18	SCCL	G11	20825	4,340	3,770	4,022	3,605	318	165
90	Sep-18	SCCL	G13	3411	3,446	3,338	3,121	2,987	325	351
91	Sep-18	SCCL	G10	25229	3,936	3,499	3,972	3,523	-36	-24
92	Sep-18	SCCL	G15	69913	3,197	3,110	2,692	2,608	504	502
93	Oct-18	SCCL	G10	663462	4,426	4,095	4,332	4,077	94	18
94	Oct-18	SCCL	G13	159395	3,918	3,724	3,704	3,462	214	261
95	Oct-18	SCCL	G11	184180	3,954	3,793	3,709	3,554	245	239
96	Oct-18	SCCL	G11	3768	4,342	4,189	3,640	3,428	702	761
97	Oct-18	SCCL	G13	2879	3,353	3,168	3,232	3,089	121	79
98	Oct-18	SCCL	G15	21071	3,033	2,947	2,984	2,891	49	55
99	Nov-18	SCCL	G10	754748	4,537	4,204	4,163	3,919	374	285
100	Nov-18	SCCL	G13	171583	3,781	3,615	3,482	3,704	299	-89
101	Nov-18	SCCL	G11	86841	4,031	3,861	3,615	3,466	416	395
102	Nov-18	SCCL	G8	3844	3,718	3,566	3,445	3,204	273	362
103	Nov-18	SCCL	G11	3648	4,292	3,916	3,564	3,295	728	621
104	Nov-18	SCCL	G13	3424	3,602	3,413	3,236	3,072	366	340
105	Nov-18	SCCL	G15	6447	3,080	2,962	2,897	2,815	184	147
106	Dec-18	SCCL	G10	795079	4,543	4,209	4,066	3,820	478	389
107	Dec-18	SCCL	G13	181705	3,895	3,724	3,610	3,840	285	-116
108	Dec-18	SCCL	G11	88363	4,088	3,907	3,631	3,457	457	449
109	Dec-18	SCCL	G11	3989	4,280	4,175	3,645	3,441	635	734
110	Dec-18	SCCL	G11	2709	4,466	3,940	3,708	3,381	758	559
111	Jan-19	SCCL	G10	797801	4,645	4,291	4,006	3,775	638	516
112	Jan-19	SCCL	G13	169100	3,842	3,648	3,598	3,345	244	303
113	Jan-19	SCCL	G11	96534	3,367	3,208	3,671	3,488	-304	-281
114	Jan-19	SCCL	G11	11466	4,473	4,302	3,831	3,542	642	760
115	Jan-19	SCCL	G11	3959	4,115	3,802	3,600	3,252	515	550
116	Jan-19	SCCL	G10	3598	3,779	3,524	3,906	3,206	-127	318
117	Jan-19	SCCL	G15	10328	3,437	3,198	2,793	2,703	644	495

118	Feb-19	SCCL	G10	706957	4,598	4,269	4,262	3,979	336	290
119	Feb-19	SCCL	G13	182424	4,044	3,832	3,853	3,547	191	285
120	Feb-19	SCCL	G11	78691	3,762	3,570	3,767	3,573	-5	-2
121	Feb-19	SCCL	G11	15211	4,202	4,063	3,942	3,772	260	292
122	Feb-19	SCCL	G8	4046	3,901	3,659	3,485	3,177	416	481
123	Feb-19	SCCL	G11	6135	4,769	4,283	4,151	3,697	617	586
124	Feb-19	SCCL	G13	6347	4,011	3,739	3,753	3,554	258	185
125	Feb-19	SCCL	G10	3651	4,600	4,287	3,247	2,974	1,353	1,312
126	Feb-19	SCCL	G15	11187	3,109	3,037	2,831	2,736	278	301
127	Mar-19	SCCL	G10	765724	4,565	4,274	4,376	4,092	188	182
128	Mar-19	SCCL	G13	162866	4,124	3,931	3,788	3,535	337	397
129	Mar-19	SCCL	G11	102263	3,510	3,359	3,757	3,543	-247	-184
130	Mar-19	SCCL	G8	7578	5,194	4,762	5,282	4,837	-87	-75
131	Mar-19	SCCL	G10	3325	3,685	3,416	3,328	3,057	357	360
132	Mar-19	SCCL	G15	23729	3,112	3,003	2,618	2,520	494	483
133	Apr-19	SCCL	G10	666734	4,676	4,415	4,278	4,010	397	405
134	Apr-19	SCCL	G13	155546	3,938	3,784	3,694	3,454	244	330
135	Apr-19	SCCL	G11	37283	4,019	3,829	3,734	3,557	285	272
136	April-19	SCCL	G13	6511	3,785	3,546	3,544	3,348	240	198
137	May-19	SCCL	G10	667410	4,850	4,584	4,707	4,437	143	147
138	May-19	SCCL	G13	176953	3,957	3,788	3,771	3,535	186	254
139	May-19	SCCL	G11	32779	3,793	3,601	3,616	3,423	176	177
140	Jun-19	SCCL	G10	553447	4,761	4,489	4,580	4,328	181	161
141	Jun-19	SCCL	G13	155546	3,938	3,784	3,694	3,454	244	330
142	Jun-19	SCCL	G11	22524	4,181	4,035	3,612	3,500	568	535
143	Jul-19	SCCL	G10	535386	4,364	4,086	4,242	3,959	122	127
144	Jul-19	SCCL	G13	174724	3,860	3,664	3,694	3,426	166	238
145	Jul-19	SCCL	G11	14031	2,968	2,844	3,759	3,506	-791	-662
146	Aug-19	SCCL	G10	587575	4,089	3,819	3,932	3,699	157	120
147	Aug-19	SCCL	G13	98304	3,844	3,627	3,686	3,383	158	244
148	Aug-19	SCCL	G11	18868	4,011	3,849	3,844	3,626	167	223
149	Aug-19	SCCL	G13	3503	3,159	2,931	3,205	3,107	-46	-176
150	Sep-19	SCCL	G10	622474	4,437	4,166	4,148	3,871	289	295
151	Sep-19	SCCL	G13	161324	3,987	3,783	3,853	3,558	134	225
152	Sep-19	SCCL	G11	7685	3,875	3,630	3,508	3,255	368	374
153	Oct-19	SCCL	G10	726596	4,495	4,239	4,166	3,923	329	316
154	Oct-19	SCCL	G13	182889	3,849	3,681	3,667	3,409	182	272
155	Oct-19	SCCL	G11	3844	3,945	3,791	3,587	3,399	358	392
156	Nov-19	SCCL	G10	717162	4,364	4,140	4,153	3,920	211	221
157	Nov-19	SCCL	G13	203882	3,930	3,768	3,781	3,513	149	255
158	Nov-19	SCCL	G11	7614	3,845	3,677	3,658	3,532	188	146
159	Dec-19	SCCL	G10	699702	4,511	4,250	4,245	4,006	266	244
160	Dec-19	SCCL	G13	197528	3,651	3,489	3,475	3,249	176	240
161	Dec-19	SCCL	G11	87607	3,854	3,702	3,572	3,407	282	295
162	Dec-19	SCCL	G11	15605	4,051	3,918	3,616	3,517	435	400
163	Dec-19	SCCL	G11	7670	3,519	3,317	3,458	3,243	60	74

164	Jan-20	SCCL	G10	757062	4,297	4,027	4,114	3,887	184	140
165	Jan-20	SCCL	G13	204673	3,741	3,581	3,619	3,391	123	190
166	Jan-20	SCCL	G11	7607	3,378	3,244	3,776	3,582	-398	-338
167	Feb-20	SCCL	G10	708107	4,532	4,257	4,258	4,032	274	225
168	Feb-20	SCCL	G13	209930	3,967	3,789	3,834	3,576	132	214
169	Feb-20	SCCL	G11	7671	3,716	3,555	3,648	3,459	68	96
170	Mar-20	SCCL	G10	504140	4,107	3,851	4,021	3,832	86	19
171	Mar-20	SCCL	G13	98358	3,979	3,822	3,743	3,516	237	306
172	Mar-20	SCCL	G11	19181	4,044	3,868	3,057	2,950	987	918
173	Apr-20	SCCL	G10	730183	3,964	3,753	3,831	3,589	133	164
174	Apr-20	SCCL	G13	158608	3,743	3,582	3,702	3,477	41	105
175	Apr-20	SCCL	G11	83511	3,669	3,526	3,616	3,491	53	35
176	May-20	SCCL	G10	452793	4,492	4,241	4,495	4,176	-3	65
177	May-20	SCCL	G13	138141	3,900	3,728	3,750	3,583	150	145
178	May-20	SCCL	G11	86686	3,882	3,742	3,673	3,564	209	178
179	Jun-20	SCCL	G10	466976	4,408	4,149	4,298	4,077	110	72
180	Jun-20	SCCL	G13	145630	4,044	3,824	3,966	3,726	78	98
181	Jun-20	SCCL	G11	95785	3,819	3,623	3,675	3,529	144	94
182	Jul-20	SCCL	G10	504678	4,082	3,794	3,912	3,663	170	131
183	Jul-20	SCCL	G13	131722	3,924	3,692	3,785	3,525	139	167
184	Jul-20	SCCL	G11	156005	3,777	3,577	3,694	3,511	83	66
185	Aug-20	SCCL	G10	482909	4,098	3,795	4,004	3,739	94	56
186	Aug-20	SCCL	G13	119406	3,717	3,517	3,701	3,453	16	64
187	Aug-20	SCCL	G11	140797	3,930	3,732	3,772	3,571	158	161
188	Sep-20	SCCL	G10	487237	4,157	3,875	4,135	3,898	22	-23
189	Sep-20	SCCL	G13	176537	3,948	3,766	3,836	3,618	112	148
190	Sep-20	SCCL	G11	134035	3,821	3,648	3,623	3,437	198	211
191	Sep-20	SCCL	G13	61785	3,509	3,200	3,240	3,147	269	53
192	Oct-20	SCCL	G10	513115	4,118	3,871	4,127	4,006	-9	-135
193	Oct-20	SCCL	G13	186274	4,127	3,934	4,087	3,980	40	-46
194	Oct-20	SCCL	G11	65066	3,802	3,629	3,598	3,495	204	134
195	Oct-20	SCCL	G13	207917	3,581	3,315	3,376	3,031	205	284
196	Nov-20	SCCL	G10	638296	4,069	3,822	4,128	3,933	-59	-111
197	Nov-20	SCCL	G13	226396	4,051	3,899	4,009	3,825	42	74
198	Nov-20	SCCL	G11	26836	3,872	3,747	3,643	3,506	229	241
199	Nov-20	SCCL	G11	7680	3,519	3,426	3,284	3,139	235	287
200	Dec-20	SCCL	G10	687266	4,094	3,855	4,142	3,960	-48	-105
201	Dec-20	SCCL	G13	216294	3,973	3,819	3,836	3,652	137	167
202	Dec-20	SCCL	G11	11464	3,848	3,660	3,515	3,376	333	284
203	Dec-20	SCCL	G8	15256	5,204	5,006	4,991	4,696	213	310
204	Jan-21	SCCL	G10	646595	4,258	4,001	4,205	4,008	53	-7
205	Jan-21	SCCL	G13	204120	3,971	3,799	3,769	3,581	202	218
206	Feb-21	SCCL	G10	602019	4,311	4,045	4,336	4,117	-25	-72
207	Feb-21	SCCL	G13	157423	3,793	3,609	3,675	3,480	118	129
208	Mar-21	SCCL	G10	702176	4,047	3,791	4,161	3,938	-114	-147
209	Mar-21	SCCL	G13	219795	3,720	3,558	3,577	3,424	143	134

210	Mar-21	SCCL	G13	42139	3,574	3,381	3,255	3,096	319	285
211	Mar-21	SCCL	G13	3620	3,855	3,755	3,626	3,488	229	267
212	Apr-21	SCCL	G10	663882	4,455	4,203	4,332	4,145	123	58
213	Apr-21	SCCL	G13	197817	3,800	3,614	3,691	3,495	109	119
214	Apr-21	SCCL	G11	19032	3,573	3,396	3,458	3,280	115	116
215	Apr-21	SCCL	G9	15292	4,201	4,007	4,172	4,020	29	-13
216	Apr-21	SCCL	G13	65351	3,373	3,191	3,181	3,004	192	187
217	May-21	SCCL	G10	488239	4,500	4,232	4,292	4,207	208	25
218	May-21	SCCL	G13	142075	3,612	3,448	3,460	3,405	152	43
219	May-21	SCCL	G11	7673	4,185	3,999	3,883	3,573	302	426
220	May-21	SCCL	G13	3847	3,369	3,250	3,758	3,417	-389	-167
221	Jun-21	SCCL	G10	559631	4,267	3,986	4,195	3,969	72	17
222	Jun-21	SCCL	G13	201204	3,625	3,438	3,501	3,295	124	143
223	Jun-21	SCCL	G11	35742	3,821	3,684	3,503	3,357	318	327
224	Jun-21	SCCL	G13	51956	3,829	3,666	3,440	3,242	389	424
225	Jun-21	SCCL	G13	4021	3,862	3,760	4,031	3,838	-169	-78
226	Jul-21	SCCL	G10	513520	4,340	4,032	4,331	4,093	9	-61
227	Jul-21	SCCL	G13	220219	3,929	3,729	3,933	3,678	-4	51
228	Jul-21	SCCL	G11	31913	3,747	3,557	3,604	3,390	143	167
229	Jul-21	SCCL	G13	85779	3,615	3,416	3,502	3,269	113	147
230	Jul-21	SCCL	G11	3913	3,994	3,839	3,728	3,478	266	361
231	Jul-21	SCCL	G13	40929	3,491	3,351	3,605	3,427	-114	-76
232	Jul-21	SCCL	G13	23402	4,358	4,124	4,075	3,734	283	390
233	Aug-21	SCCL	G10	493712	4,329	4,026	4,321	4,083	8	-57
234	Aug-21	SCCL	G13	301889	4,149	3,941	4,142	3,880	7	61
235	Aug-21	SCCL	G11	30608	3,799	3,636	3,670	3,501	129	135
236	Aug-21	SCCL	G13	19504	3,637	3,493	3,740	3,497	-103	-4
237	Aug-21	SCCL	G13	11513	3,877	3,658	3,785	3,528	92	130
238	Sep-21	SCCL	G10	408524	4,406	4,072	4,241	3,956	165	116
239	Sep-21	SCCL	G13	295959	4,115	3,918	4,121	3,833	-6	85
240	Sep-21	SCCL	G11	84966	3,976	3,786	3,835	3,609	141	177
241	Sep-21	SCCL	G11	4067	3,851	3,633	3,701	3,285	150	348
242	Sep-21	SCCL	G9	7693	4,461	4,274	4,190	3,879	271	395
243	Sep-21	SCCL	G13	109112	3,559	3,334	3,346	3,323	213	11
244	Sep-21	SCCL	G11	15605	4,218	4,035	3,724	3,496	494	539
245	Oct-21	SCCL	G10	469142	4,144	3,880	4,111	3,871	33	9
246	Oct-21	SCCL	G13	335320	4,049	3,906	4,017	3,752	32	154
247	Oct-21	SCCL	G11	61702	4,055	3,872	3,813	3,652	242	220
248	Oct-21	SCCL	G8	4043	4,666	3,835	3,929	3,715	737	120
249	Oct-21	SCCL	G9	4052	4,320	4,064	4,396	4,217	-76	-153
250	Oct-21	SCCL	G13	117557	3,145	2,920	2,975	2,807	170	113
251	Oct-21	SCCL	G13	34995	4,985	4,686	4,837	4,448	148	238
252	Nov-21	SCCL	G10	514100	4,209	3,872	4,051	3,812	158	60
253	Nov-21	SCCL	G13	305100	4,083	3,921	3,973	3,734	110	187
254	Nov-21	SCCL	G11	34606	3,909	3,756	3,854	3,698	55	58
255	Nov-21	SCCL	G8	4052	4,666	4,423	4,906	4,618	-240	-195

256	Nov-21	SCCL	G9	2170	4,190	4,034	4,081	3,898	109	136
257	Dec-21	SCCL	G10	665610	4,220	3,937	4,076	3,835	144	102
258	Dec-21	SCCL	G13	244502	4,136	3,950	4,002	3,809	134	141
259	Dec-21	SCCL	G11	4085	3,706	3,547	3,586	3,422	120	125
260	Dec-21	SCCL	G11	4083	3,892	3,675	3,824	3,517	68	158
261	Dec-21	SCCL	G13	7888	3,318	3,126	2,634	2,528	684	598
262	Jan-22	SCCL	G10	719999	4,400	4,071	4,321	4,034	79	37
263	Jan-22	SCCL	G13	149795	4,016	3,828	3,814	3,635	202	193
264	Jan-22	SCCL	G11	3844	4,129	3,959	4,085	3,894	44	65
265	Feb-22	SCCL	G10	687326	4,218	3,951	4,020	3,767	198	184
266	Feb-22	SCCL	G13	113053	3,545	3,377	3,408	3,251	137	126
267	Mar-22	SCCL	G10	773108	4,402	4,122	4,306	4,084	96	38
268	Mar-22	SCCL	G13	25732	3,800	3,614	3,740	3,562	60	52
269	Mar-22	SCCL	G8	4051	5,371	5,190	5,262	4,820	109	370

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: Simhadri STPS
Name of Company: NTPC Ltd
Sampling methodology adopted for station : As per tripartite/ bilateral agreement with CIMFR
Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR
Date of Fuel Supply Agreement :
Annual Contracted Quantity (as per FSA): 9.82 MMT
Mode of transport Rail

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Apr-17	TALCHER	G12,G13	213423	4228	3956	3785	3535	443	421
2	Apr-17	IB VALLEY	G13,G14	137028	3309	3130	2992	2830	317	300
3	Apr-17	ECL	G 3,G 4,G 5,G 6,G 7	103289	5472	5187	4771	4586	701	601
4	Apr-17	CCL	WG	18921	4351	4039	4067	3949	284	90
5	Apr-17	SCCL	G 9, G 10, G11	293028	4463	3902	3796	3615	667	287
6	May-17	TALCHER	G12,G13	116718	3997	3743	3609	3358	387	385
7	May-17	IB VALLEY	G13,G14	200418	3453	3265	3051	2871	402	394
8	May-17	ECL	G 3,G 4,G 5,G 6,G 7	77455	5762	5402	5115	4893	647	509
9	May-17	CCL	WG	19924	4747	4560	4261	4119	486	441
10	May-17	SCCL	G 9, G 10, G11	153991	4654	4393	3964	3737	690	656
11	Jun-17	TALCHER	G12,G13	140476	3703	3425	3543	3262	159	163
12	Jun-17	IB VALLEY	G13,G14	224014	3475	3227	3185	2927	290	300
13	Jun-17	ECL	G 3,G 4,G 5,G 6,G 7	36964	5721	5346	4908	4637	813	709
14	Jun-17	CCL	WG	4015	3789	3723	3437	3212	352	511
15	Jun-17	SCCL	G 9, G 10, G11	163885	4006	3800	3525	3340	481	460
16	Jul-17	TALCHER	G12,G13	199815	4280	3980	4025	3683	255	297
17	Jul-17	IB VALLEY	G13,G14	230501	3249	2644	3078	2791	171	-147
18	Jul-17	ECL	G 3,G 4,G 5,G 6,G 7	84600	4983	5202	4551	4317	432	885
19	Jul-17	SCCL	G 9, G 10, G11	147451	4040	3972	3564	3322	476	650
20	Aug-17	TALCHER	G12,G13	187315	4064	3753	3816	3483	247	270
21	Aug-17	IB VALLEY	G13,G14	251946	3308	3032	2920	2653	388	379
22	Aug-17	ECL	G 3,G 4,G 5,G 6,G 7	14110	5710	5332	5007	4604	704	728
23	Aug-17	CCL	WG	12212	4123	3813	3665	3464	458	349
24	Aug-17	SCCL	G 9, G 10, G11	114417	3930	3695	3237	3018	693	676
25	Sep-17	TALCHER	G12,G13	177225	4112	3807	3719	3433	393	374
26	Sep-17	IB VALLEY	G13,G14	281795	3179	2922	3074	2814	105	108
27	Sep-17	ECL	G 3,G 4,G 5,G 6,G 7	33732	5156	4755	4571	4308	585	447
28	Sep-17	SCCL	G 9, G 10, G11	42520	4030	3871	3897	3654	133	217
29	Oct-17	TALCHER	G12,G13	315942	4010	3739	3598	3318	412	420
30	Oct-17	IB VALLEY	G13,G14	262223	3208	2986	2817	2587	390	400
31	Oct-17	ECL	G 3,G 4,G 5,G 6,G 7	73062	5347	5047	4723	4378	625	669
32	Nov-17	TALCHER	G12,G13	346514	3873	3633	3539	3286	335	347
33	Nov-17	IB VALLEY	G13,G14	288990	3559	3338	3219	2973	340	365
34	Nov-17	ECL	G 3,G 4,G 5,G 6,G 7	154995	4798	4456	4606	4336	192	120
35	Dec-17	TALCHER	G12,G13	325172	4024	3780	3643	3382	382	398
36	Dec-17	IB VALLEY	G13,G14	209405	3469	3253	3230	2967	239	286
37	Dec-17	ECL	G 3,G 4,G 5,G 6,G 7	206007	4641	4345	4516	4286	125	59
38	Dec-17	CCL	WG	12284	3173	3088	3118	2999	55	89
39	Jan-18	TALCHER	G12,G13	317598	3956	3707	3393	3152	563	555

40	Jan-18	IB VALLEY	G13,G14	163352	3520	3331	3090	2844	430	487
41	Jan-18	ECL	G 3,G 4,G 5,G 6,G 7	222529	5022	4775	4564	4317	459	459
42	Jan-18	CCL	WG	24417	3642	3444	3529	3274	114	170
43	Feb-18	TALCHER	G12,G13	272695	3867	3518	3635	3402	232	116
44	Feb-18	IB VALLEY	G13,G14	176512	3511	3290	3171	2954	340	335
45	Feb-18	ECL	G 3,G 4,G 5,G 6,G 7	141903	4635	4321	4473	4258	163	63
46	Feb-18	SCCL	G 9, G 10, G11	18880	4480	4281	4051	3877	429	404
47	Mar-18	TALCHER	G12,G13	364171	3956	3819	3799	3551	157	268
48	Mar-18	IB VALLEY	G13,G14	207146	3518	3356	3332	3101	186	255
49	Mar-18	ECL	G 3,G 4,G 5,G 6,G 7	165389	4691	4489	4301	4127	390	362
50	Mar-18	CCL	WG	35873	3670	3608	3500	3435	170	173
51	Mar-18	SCCL	G 9, G 10, G11	136803	3849	3612	3661	3437	188	175
52	Apr-18	TALCHER	G12,G13	346659	3913	3661	3655	3397	258	264
53	Apr-18	IB VALLEY	G13,G14	193834	3623	3407	3380	3127	244	280
54	Apr-18	ECL	G 3,G 4,G 5,G 6,G 7	177550	4769	4443	4544	4327	226	116
55	Apr-18	CCL	WG	24949	3820	3786	3884	3750	-63	36
56	Apr-18	SCCL	G 9, G 10, G11	159272	4078	3783	3618	3379	460	404
57	May-18	TALCHER	G12,G13	355913	3802	3582	3663	3426	139	156
58	May-18	IB VALLEY	G13,G14	199451	3367	3133	3224	3008	143	124
59	May-18	ECL	G 3,G 4,G 5,G 6,G 7	156140	4758	4417	4471	4237	287	180
60	May-18	SCCL	G 9, G 10, G11	49747	4539	4329	4359	4165	181	164
61	Jun-18	TALCHER	G12,G13	329740	4064	3794	3747	3475	316	320
62	Jun-18	IB VALLEY	G13,G14	187650	3032	2848	2824	2610	208	238
63	Jun-18	ECL	G 3,G 4,G 5,G 6,G 7	184568	4443	4116	4152	3951	291	165
64	Jun-18	CCL	WG	35059	3463	3371	3424	3300	39	71
65	Jun-18	SCCL	G 9, G 10, G11	27323	4562	4309	3676	3488	886	820
66	Jul-18	TALCHER	G12,G13	277915	3973	3670	3787	3495	187	175
67	Jul-18	IB VALLEY	G13,G14	178131	3341	3084	3354	3110	-13	-25
68	Jul-18	ECL	G 3,G 4,G 5,G 6,G 7	60247	4754	4375	4687	4468	67	-93
69	Jul-18	SCCL	G 9, G 10, G11	35565	3889	3701	3276	3149	613	552
70	Aug-18	TALCHER	G12,G13	320991	3972	3661	3689	3401	283	261
71	Aug-18	IB VALLEY	G13,G14	209151	3056	2821	3141	2896	-85	-75
72	Aug-18	SCCL	G 9, G 10, G11	56078	3707	3528	3232	3072	475	456
73	Sep-18	TALCHER	G12,G13	331526	3954	3639	3716	3432	239	207
74	Sep-18	IB VALLEY	G13,G14	188177	3270	3047	3279	3029	-9	18
75	Sep-18	SCCL	G 9, G 10, G11	43987	4338	4121	3884	3704	455	417
76	Oct-18	TALCHER	G12,G13	333729	4007	3706	3743	3466	263	240
77	Oct-18	IB VALLEY	G13,G14	268814	3481	3249	3279	3033	202	216
78	Oct-18	ECL	G 3,G 4,G 5,G 6,G 7	26001	4712	4438	4361	4151	350	287
79	Oct-18	SCCL	G 9, G 10, G11	18685	3914	3697	3836	3613	77	83
80	Nov-18	TALCHER	G12,G13	329177	3880	3617	3800	3512	80	105
81	Nov-18	IB VALLEY	G13,G14	221738	3208	3020	3166	2901	41	119
82	Nov-18	ECL	G 3,G 4,G 5,G 6,G 7	71527	4543	4286	4269	4016	274	270
83	Nov-18	SCCL	G 9, G 10, G11	57079	4140	3942	3886	3674	254	267
84	Dec-18	TALCHER	G12,G13	373687	3864	3602	3901	3549	-37	53
85	Dec-18	IB VALLEY	G13,G14	114616	3568	3370	3610	3272	-42	98
86	Dec-18	ECL	G 3,G 4,G 5,G 6,G 7	107185	4601	4324	4224	3952	378	372
87	Dec-18	SCCL	G 9, G 10, G11	147738	4015	3821	3669	3456	345	365
88	Jan-19	TALCHER	G12,G13	292182	3832	3572	3826	3486	6	86
89	Jan-19	IB VALLEY	G13,G14	116496	3420	3213	3101	2847	319	366
90	Jan-19	ECL	G 3,G 4,G 5,G 6,G 7	147835	4296	4038	3938	3723	358	315
91	Jan-19	SCCL	G 9, G 10, G11	191421	3969	3751	3558	3334	411	416
92	Feb-19	TALCHER	G12,G13	204459	3932	3661	3880	3548	52	113
93	Feb-19	IB VALLEY	G13,G14	98096	3539	3335	3468	3190	71	145
94	Feb-19	ECL	G 3,G 4,G 5,G 6,G 7	201176	4709	4427	4315	4143	394	284
95	Feb-19	SCCL	G 9, G 10, G11	262562	4150	3920	3653	3444	498	477
96	Mar-19	TALCHER	G12,G13	321388	3989	3720	3993	3689	-4	31
97	Mar-19	IB VALLEY	G13,G14	70763	3415	3217	3309	3043	106	175
98	Mar-19	ECL	G 3,G 4,G 5,G 6,G 7	329008	4784	4502	4323	4113	461	389

99	Mar-19	SCCL	G 9, G 10, G11	175865	3955	3784	3945	3708	10	76
100	Apr-19	TALCHER	G12,G13	199549	3905	3679	3749	3471	155	208
101	Apr-19	IB VALLEY	G13,G14	126735	3834	3629	3206	2973	628	656
102	Apr-19	ECL	G 3,G 4,G 5,G 6,G 7	337351	4606	4325	3878	3659	728	666
103	Apr-19	SCCL	G 9, G 10, G11	187103	3603	3439	3413	3200	190	240
104	May-19	TALCHER	G12,G13	158170	3785	3552	3772	3493	13	59
105	May-19	IB VALLEY	G13,G14	168087	3768	3567	3756	3521	12	46
106	May-19	ECL	G 3,G 4,G 5,G 6,G 7	100624	4616	4361	3885	3686	731	675
107	May-19	SCCL	G 9, G 10, G11	144822	3775	3610	3607	3397	168	214
108	Jun-19	TALCHER	G12,G13	155261	3804	3560	3553	3286	251	274
109	Jun-19	IB VALLEY	G13,G14	173086	3502	3292	3500	3254	2	37
110	Jun-19	ECL	G 3,G 4,G 5,G 6,G 7	90624	4444	4220	3864	3627	580	593
111	Jun-19	SCCL	G 9, G 10, G11	69489	3423	3302	2907	2743	516	559
112	Jul-19	TALCHER	G12,G13	135645	3900	3643	3465	3188	434	455
113	Jul-19	IB VALLEY	G13,G14	145524	3225	2974	3208	2939	17	35
114	Jul-19	ECL	G 3,G 4,G 5,G 6,G 7	76606	4889	4603	3949	3698	940	905
115	Jul-19	SCCL	G 9, G 10, G11	12310	3261	3226	2710	2570	552	657
116	Aug-19	TALCHER	G12,G13	90722	3663	3418	3329	3073	334	345
117	Aug-19	IB VALLEY	G13,G14	116989	3430	3145	3412	3145	18	-1
118	Aug-19	ECL	G 3,G 4,G 5,G 6,G 7	134813	5308	5016	4131	3869	1176	1147
119	Sep-19	TALCHER	G12,G13	115198	3877	3627	3228	2995	649	633
120	Sep-19	IB VALLEY	G13,G14	60904	3602	3323	3304	3074	298	249
121	Sep-19	ECL	G 3,G 4,G 5,G 6,G 7	96546	4880	4620	3254	3055	1626	1565
122	Sep-19	SCCL	G 9, G 10, G11	90359	3567	3376	3455	3250	112	127
123	Oct-19	TALCHER	G12,G13	176789	3999	3742	3529	3223	470	518
124	Oct-19	IB VALLEY	G13,G14	54815	3372	3109	3378	3103	-6	7
125	Oct-19	ECL	G 3,G 4,G 5,G 6,G 7	64885	4671	4363	4326	4017	345	346
126	Oct-19	SCCL	G 9, G 10, G11	75500	3777	3659	3294	3032	483	628
127	Nov-19	TALCHER	G12,G13	176789	3999	3742	3590	3359	408	383
128	Nov-19	IB VALLEY	G13,G14	22336	3284	3060	2936	2767	348	293
129	Nov-19	ECL	G 3,G 4,G 5,G 6,G 7	124495	4451	4199	3977	3763	474	436
130	Nov-19	SCCL	G 9, G 10, G11	177965	3463	3339	3242	3048	221	291
131	Dec-19	TALCHER	G12,G13	234313	3661	3422	3382	3165	279	257
132	Dec-19	ECL	G 3,G 4,G 5,G 6,G 7	194217	4610	4361	4257	4041	353	320
133	Jan-20	TALCHER	G12,G13	265945	3728	3487	3335	3121	393	366
134	Jan-20	IB VALLEY	G13,G14	99151	3228	3022	3059	2885	170	137
135	Jan-20	ECL	G 3,G 4,G 5,G 6,G 7	252291	4790	4487	4335	4113	454	374
136	Jan-20	SCCL	G 9, G 10, G11	138591	3962	3754	3662	3473	301	281
137	Feb-20	TALCHER	G12,G13	104205	3961	3724	3437	3216	524	508
138	Feb-20	IB VALLEY	G13,G14	61351	3170	2963	2856	2661	314	302
139	Feb-20	ECL	G 3,G 4,G 5,G 6,G 7	212903	4910	4644	4484	4278	426	366
140	Feb-20	SCCL	G 9, G 10, G11	115071	4180	3959	3672	3509	508	450
141	Mar-20	IB VALLEY	G13,G14	202968	2923	2696	2720	2564	202	132
142	Mar-20	ECL	G 3,G 4,G 5,G 6,G 7	114918	4688	4401	4383	4201	305	200
143	Apr-20	IB VALLEY	G13,G14	49557	3631	3424	2869	2703	762	721
144	Apr-20	ECL	G 3,G 4,G 5,G 6,G 7	25984	5356	5356	4704	4531	652	825
145	May-20	IB VALLEY	G13,G14	70321	3249	3037	3211	3007	38	30
146	Jun-20	IB VALLEY	G13,G14	95081	3295	3059	3018	2818	277	241
147	Jul-20	TALCHER	G12,G13	25272	3720	3482	3181	2966	540	516
148	Jul-20	IB VALLEY	G13,G14	147803	3164	2907	2954	2764	210	143
149	Jul-20	SCCL	G 9, G 10, G11	139939	4313	4156	3996	3850	317	306
150	Aug-20	TALCHER	G12,G13	47800	3693	3417	3115	2905	578	512
151	Aug-20	IB VALLEY	G13,G14	16161	3388	3193	3027	2844	362	348
152	Aug-20	SCCL	G 9, G 10, G11	64600	4399	4217	4232	4046	167	171
153	Sep-20	TALCHER	G12,G13	239855	3419	3170	2918	2717	501	453
154	Sep-20	SCCL	G 9, G 10, G11	88400	4565	4390	4548	4345	16	44
155	Oct-20	TALCHER	G12,G13	44421	3630	3375	3377	3117	253	258
156	Oct-20	SCCL	G 9, G 10, G11	174306	3753	3533	3480	3280	273	253
157	Nov-20	TALCHER	G12,G13	136378	3803	3557	3486	3254	317	304

158	Nov-20	SCCL	G 9, G 10, G11	129282	3615	3426	3341	3151	274	275
159	Dec-20	TALCHER	G12,G13	260099	3764	3526	3570	3340	195	187
160	Dec-20	SCCL	G 9, G 10, G11	93812	3728	3555	3546	3355	182	201
161	Jan-21	TALCHER	G12,G13	374760	4016	3766	3620	3384	397	382
162	Jan-21	IB VALLEY	G13,G14	195105	3465	3234	3197	2989	268	245
163	Jan-21	SCCL	G 9, G 10, G11	16040	5172	4843	4798	4491	374	352
164	Feb-21	TALCHER	G12,G13	230925	3830	3588	3541	3318	288	270
165	Feb-21	IB VALLEY	G13,G14	396647	3476	3242	3247	3035	229	207
166	Feb-21	ECL	G 3,G 4,G 5,G 6,G 7	28825	5276	5276	5037	4859	239	417
167	Feb-21	SCCL	G 9, G 10, G11	77091	4550	4339	4500	4258	49	81
168	Mar-21	TALCHER	G12,G13	289188	3852	3637	3577	3331	275	307
169	Mar-21	IB VALLEY	G13,G14	365595	3436	3202	3127	2924	309	278
170	Mar-21	ECL	G 3,G 4,G 5,G 6,G 7	116337	5130	5130	5007	4807	122	323
171	Mar-21	CCL	WG	3852	6132	6057	4935	4496	1197	1561
172	Mar-21	SCCL	G 9, G 10, G11	115780	4210	4015	4147	3932	63	83
173	Apr-21	TALCHER	G12,G13	393768	3640	3467	3379	3094	261	373
174	Apr-21	IB VALLEY	G13,G14	376627	3417	3184	3127	2863	291	322
175	Apr-21	ECL	G 3,G 4,G 5,G 6,G 7	132123	5156	4878	4734	4362	422	516
176	Apr-21	CCL	WG	7482	5559	5452	4826	4763	733	689
177	May-21	TALCHER	G12,G13	414656	3779	3582	3616	3288	163	295
178	May-21	IB VALLEY	G13,G14	216190	3399	3190	3321	3044	78	146
179	May-21	ECL	G 3,G 4,G 5,G 6,G 7	43765	4731	4175	4175	3934	556	241
180	May-21	SCCL	G 9, G 10, G11	31380	4500	4307	4403	4215	97	92
181	Jun-21	TALCHER	G12,G13	378660	3700	3495	3537	3238	163	258
182	Jun-21	IB VALLEY	G13,G14	80540	3333	3129	2931	2640	402	490
183	Jul-21	TALCHER	G12,G13	523953	3782	3570	3700	3301	82	269
184	Jul-21	IB VALLEY	G13,G14	40724	3411	3150	3067	2754	344	396
185	Jul-21	ECL	G 3,G 4,G 5,G 6,G 7	3537	5090	4636	3996	3706	1095	929
186	Jul-21	SCCL	G 9, G 10, G11	26803	4216	4039	4181	3739	35	300
187	Aug-21	TALCHER	G12,G13	688672	3790	3531	3518	3119	272	412
188	Aug-21	IB VALLEY	G13,G14	21768	3499	3282	3334	2934	165	348
189	Aug-21	SCCL	G 9, G 10, G11	7804	4469	4317	4226	4029	243	288
190	Sep-21	TALCHER	G12,G13	646859	3745	3479	3513	3146	231	334
191	Sep-21	IB VALLEY	G13,G14	173127	3249	3031	3181	2824	67	206
192	Sep-21	ECL	G 3,G 4,G 5,G 6,G 7	144891	5360	5063	4413	3990	946	1074
193	Oct-21	TALCHER	G12,G13	725447	3738	3500	3283	2972	455	528
194	Oct-21	IB VALLEY	G13,G14	247099	3416	3191	3224	2903	193	289
195	Oct-21	ECL	G 3,G 4,G 5,G 6,G 7	61385	5501	5215	4861	4391	640	824
196	Nov-21	TALCHER	G12,G13	491934	3751	3538	3590	3204	161	333
197	Nov-21	IB VALLEY	G13,G14	203522	3446	3219	3569	3184	-123	35
198	Nov-21	ECL	G 3,G 4,G 5,G 6,G 7	75990	5332	5047	4177	3753	1156	1294
199	Nov-21	SCCL	G 9, G 10, G11	67765	4473	4242	4560	4151	-87	91
200	Dec-21	TALCHER	G12,G13	515088	3479	3577	3437	3055	42	522
201	Dec-21	IB VALLEY	G13,G14	205502	3432	3221	3319	2922	113	298
202	Dec-21	ECL	G 3,G 4,G 5,G 6,G 7	82222	5121	5146	4169	3683	952	1463
203	Dec-21	SCCL	G 9, G 10, G11	48851	4467	4271	4297	3807	170	464
204	Jan-22	TALCHER	G12,G13	592137	3759	3506	3260	2913	498	593
205	Jan-22	IB VALLEY	G13,G14	131818	3438	3267	3319	2971	119	296
206	Jan-22	ECL	G 3,G 4,G 5,G 6,G 7	101887	5496	5138	4662	4235	834	904
207	Jan-22	SCCL	G 9, G 10, G11	3841	4090	3892	4150	3485	-60	407
208	Feb-22	TALCHER	G12,G13	181819	3772	3540	3466	3105	307	435
209	Feb-22	IB VALLEY	G13,G14	26840	3694	3388	3340	2990	355	398
210	Feb-22	ECL	G 3,G 4,G 5,G 6,G 7	27175	5729	5331	4409	4094	1320	1237
211	Mar-22	TALCHER	G12,G13	435960	3802	3568	3532	3204	270	364
212	Mar-22	IB VALLEY	G13,G14	124848	3591	3425	3372	3052	219	373
213	Mar-22	ECL	G 3,G 4,G 5,G 6,G 7	83489	4659	4387	4295	3921	364	466

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station:

KUDGI STPS

Name of Company:

NTPC LTD

Sampling methodology adopted for station :

As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed :

As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement :

Annual Contracted Quantity (as per FSA):

NA

Mode of transport

RAIL

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Nov-17	SCCL	G9-G13	40169	4228	4034	3527	3303	701	731
3	Dec-17	SCCL	G9-G13	218062	4661	4417	4004	3720	657	697
5	Jan-18	SCCL	G9-G13	226620	4296	4096	3855	3579	441	517
7	Feb-18	SCCL	G9-G13	263855	4158	3951	3682	3440	476	511
9	Mar-18	SCCL	G9-G13	283617	4289	4092	3813	3538	476	554
11	Mar-18	CIL	G4-G13	3513	3750	3712	3850	3585	-100	127
12	Apr-18	SCCL	G9-G13	183157	3974	3763	3753	3525	221	238
14	Apr-18	CIL	G4-G13	25896	4239	4019	4228	3957	11	62
15	May-18	SCCL	G9-G13	162885	4171	3959	3700	3492	471	467
17	May-18	CIL	G4-G13	22629	3828	3602	4178	3985	-350	-383
18	Jun-18	SCCL	G9-G13	139704	4120	3934	3725	3498	395	436
20	Jun-18	CIL	G4-G13	74913	4032	3763	3924	3658	108	105
21	Jul-18	SCCL	G9-G13	141982	3855	3650	3441	3123	414	527
22	Jul-18	PBCMP	G9	42146	5064	4691	4161	3764	903	927
23	Jul-18	CIL	G4-G13	7432	5404	5020	4643	4294	761	726
24	Aug-18	SCCL	G9-G13	28898	3808	3578	3454	3177	354	401
25	Aug-18	PBCMP	G9	7845	4940	4384	4493	4031	447	353
27	Sep-18	SCCL	G9-G13	74894	4548	4372	3822	3515	726	857
28	Sep-18	CIL	G4-G13	3607	5146	5031	4428	4177	718	854
29	Oct-18	SCCL	G9-G13	253705	4065	3921	3484	3252	581	669
30	Oct-18	PBCMP	G9	79615	4901	4624	4451	4140	450	484
31	Oct-18	CIL	G4-G13	7444	5458	5329	3847	3681	1611	1648
32	Nov-18	SCCL	G9-G13	233710	4171	4000	3679	3476	492	524
33	Nov-18	PBCMP	G9	158862	4958	4627	4632	4353	326	274
34	Nov-18	CIL	G4-G13	11062	5040	4912	4613	4270	427	642
35	Dec-18	SCCL	G9-G13	295228	4327	4130	3805	3546	522	584
36	Dec-18	PBCMP	G9	157328	4908	4599	4665	4343	243	256
37	Dec-18	CIL	G4-G13	39063	5099	5035	3919	3609	1180	1426
38	Jan-19	SCCL	G9-G13	380160	4260	4047	3867	3579	393	468
39	Jan-19	PBCMP	G9	191021	4876	4564	4434	4065	442	499
40	Jan-19	CIL	G4-G13	19627	3154	2905	3374	3105	-220	-200
41	Feb-19	SCCL	G9-G13	383334	4521	4270	4063	3729	458	541
42	Feb-19	PBCMP	G9	132545	4776	4460	4435	3978	341	482
44	Mar-19	SCCL	G9-G13	344953	4267	4035	3753	3519	514	516
45	Mar-19	PBCMP	G9	193137	4786	4498	4618	4275	168	223
46	Mar-19	CIL	G4-G13	81286	5775	5552	3952	3621	1823	1931
47	Apr-19	SCCL	G9-G15	204244	4076	3898	3878	3632	198	266
48	Apr-19	PBCMP	G9	205188	4735	4463	4527	4236	208	227
49	Apr-19	CIL	G4-G13	52032	4645	4341	4354	4129	291	212

50	May-19	SCCL	G9-G15	49915	4290	4176	4215	3958	75	218
51	May-19	PBCMP	G9	100342	4861	4582	4598	4310	263	272
52	May-19	CIL	G4-G13	58725	6308	5898	5174	4918	1134	980
53	Jun-19	SCCL	G9-G15	25477	3434	3385	3817	3597	-383	-212
54	Jun-19	PBCMP	G9	102929	5014	4741	4543	4226	471	515
55	Jun-19	CIL	G4-G13	58987	5440	5047	4778	4448	662	599
57	Jul-19	PBCMP	G9	143296	4715	4372	4317	3968	398	404
58	Jul-19	CIL	G4-G13	119003	4567	4253	4040	3729	527	524
60	Aug-19	PBCMP	G9	39216	4668	4292	4347	3991	321	301
61	Aug-19	CIL	G4-G13	41004	4795	4566	3856	3509	939	1057
63	Sep-19	PBCMP	G9	37484	4995	4683	4175	3889	820	794
64	Sep-19	CIL	G4-G13	32486	4944	4718	3614	3282	1330	1436
65	Oct-19	CIL	G4-G13	39661	5068	4727	5068	4593	0	134
66	Nov-19	PBCMP	G9	3778	4860	4524	4558	4291	302	233
67	Nov-19	CIL	G4-G13	37222	6040	5692	5026	4762	1014	930
68	Dec-19	PBCMP	G9	66438	5085	4746	4798	4499	287	247
69	Dec-19	CIL	G4-G13	18024	5933	5473	5094	4785	839	688
70	Jan-20	PBCMP	G9	166748	4932	4594	4497	4200	435	394
71	Feb-20	SCCL	G9-G15	24325	3918	3776	3526	3374	392	402
72	Feb-20	PBCMP	G9	285836	4922	4621	4502	4232	420	389
73	Feb-20	CIL	G4-G13	31222	3715	3500	3636	3303	79	197
74	Mar-20	SCCL	G9-G15	95990	3908	3727	3532	3358	376	369
75	Mar-20	PBCMP	G9	269212	4842	4551	4199	3961	643	590
76	Mar-20	CIL	G4-G13	88405	4892	4637	3931	3614	961	1023
77	Apr-20	SCCL	G9-G15	70224	3523	3383	3429	3259	94	124
78	Apr-20	PBCMP	G9	210021	5144	4925	4278	4090	866	835
79	Apr-20	CIL	G4-G13	111375	4805	4547	3917	3745	888	802
80	May-20	SCCL	G9-G15	30526	4193	4048	3763	3625	430	423
81	May-20	PBCMP	G9	59270	5037	4770	4410	4195	627	575
83	Jun-20	SCCL	G9-G15	41700	3819	3632	3570	3338	249	294
84	Jun-20	PBCMP	G9	14773	4497	4263	4551	4285	-54	-22
85	Jul-20	SCCL	G9-G15	34045	3719	3554	3466	3267	253	287
86	Jul-20	PBCMP	G9	3845	4850	4466	3943	3625	907	841
87	Aug-20	SCCL	G9-G15	15104	3373	3116	3089	2802	284	314
88	Aug-20	PBCMP	G9	7649	4636	4271	4054	3749	582	522
89	Sep-20	SCCL	G9-G15	70237	3580	3321	3336	3086	244	235
90	Oct-20	SCCL	G9-G15	16247	3561	3393	3359	3138	202	255
91	Nov-20	SCCL	G9-G15	20196	3512	3308	3369	3200	143	108
92	Dec-20	SCCL	G9-G15	329014	3726	3568	3440	3265	286	303
93	Jan-21	SCCL	G9-G15	738456	3750	3568	3369	3183	381	385
94	Jan-21	PBCMP	G9	55756	4900	4627	4642	4401	258	226
95	Feb-21	SCCL	G9-G15	510683	3563	3389	3100	2924	463	465
96	Feb-21	PBCMP	G9	107223	4688	4448	4286	4019	402	429
102	Jul-21	PBCMP	G9	34808	4741	4449	4314	3969	427	480
103	Jul-21	CIL	G4-G13	35209	4421	4038	3614	3334	807	704
104	Aug-21	SCCL	G9-G15	101386	3701	3503	3230	2952	471	551
105	Aug-21	PBCMP	G9	23240	4694	4426	4320	3982	374	444
106	Aug-21	CIL	G4-G13	26053	4024	3738	3199	2853	825	885
107	Sep-21	SCCL	G9-G15	52696	3915	3712	3555	3209	360	503
108	Sep-21	PBCMP	G9	177181	4674	4399	4182	3856	492	543
109	Sep-21	CIL	G4-G13	93228	3823	3541	3706	3328	117	213
110	Oct-21	SCCL	G9-G15	126177	3600	3411	3069	2880	531	531
111	Oct-21	PBCMP	G9	146268	4944	4701	4182	3864	762	837
112	Oct-21	CIL	G4-G13	198944	3803	3554	3388	3123	415	431
113	Nov-21	SCCL	G9-G15	194193	3630	3462	3182	2961	448	501
114	Nov-21	PBCMP	G9	58782	4854	4639	4052	3795	802	844
115	Nov-21	CIL	G4-G13	103282	4658	4367	3459	3182	1199	1185

116	Dec-21	SCCL	G9-G15	154381	3678	3520	3216	3018	462	502
117	Dec-21	PBCMP	G9	90621	4615	4396	4472	4166	143	230
118	Dec-21	CIL	G4-G13	23422	4153	3862	2830	2545	1323	1317
119	Jan-22	SCCL	G9-G15	332968	3757	3609	3419	3211	338	398
120	Jan-22	PBCMP	G9	130032	4465	4161	4660	4280	-195	-119
121	Jan-22	CIL	G4-G13	38578	3911	3609	3480	3152	431	457
122	Feb-22	SCCL	G9-G15	338291	4066	3884	3651	3459	415	425
123	Feb-22	PBCMP	G9	152111	4174	3930	4362	4081	-188	-151
124	Feb-22	CIL	G4-G13	35571	4214	4049	3276	3035	938	1014
125	Mar-22	SCCL	G9-G15	336846	4174	3971	3749	3575	425	396
126	Mar-22	PBCMP	G9	72520	3756	3567	3862	3640	-106	-73
127	Mar-22	CIL	G4-G13	79326	4336	4060	3455	3246	881	814

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN

Name of Generating Station:NTPC FARAKKA STPS

Name of Company:NTPC

Sampling methodology adopted for station :As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement :2011

Annual Contracted Quantity (as per FSA):93.52 LMT

Mode of transport:IR/MGR

SR No.	YEAR	MONTH WISE	SOURCE OF COAL	Declared Grade	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
						EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	2017-18	April	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	280975	3375	2998	3310	2990	65	9
2		April	BCCL	W-IV,W-V	34797	4760	4692	4418	4331	342	361
3		May	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	113462	3280	2889	3226	2897	54	-9
4		May	BCCL	W-IV,W-V	48317	4590	4512	4169	4033	420	479
5		June	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	85291	3337	2925	3283	2914	55	11
6		June	BCCL	W-IV,W-V	10802	4686	4613	3765	3670	922	943
7		July	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	116592	3465	2972	3480	3032	-15	-59
8		August	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	162132	3699	3177	3377	2914	322	264
9		September	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	249476	3717	3267	3130	2764	587	503
10		October	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	387993	3729	3252	3023	2655	706	597
11		November	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	288026	3844	3405	3178	2822	665	583
12		November	BCCL	W-IV,W-V	7976	4225	4168	3748	3654	477	514
13		December	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	275127	3745	3300	3212	2856	533	445
14		December	BCCL	W-IV,W-V	3944	3563	3515	3654	3613	-92	-98
15		January	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	309804	3692	3210	3498	3114	194	96
16		January	BCCL	W-IV,W-V	20886	4556	4457	4121	4030	435	427
17		February	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	452700	3746	3258	3559	3149	187	109
18		March	BCCL	W-IV,W-V	12431	4453	4292	4656	4562	-202	-269
19	March	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	546050	3795	3335	3697	3306	98	29	
20	April	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	425059	3812	3357	3636	3261	176	96	
21	April	BCCL	W-IV,W-V	10824	5017	4904	4369	4266	649	637	
22	May	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	486117	3800	3315	3587	3257	213	58	
23	May	BCCL	W-IV,W-V	61639	4491	4391	4727	4640	-236	-249	
24	June	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	373389	3826	3349	3624	3245	202	104	
25	June	BCCL	W-IV,W-V	23748	3984	3883	3901	3764	83	119	
26	July	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	414719	3336	2933	3310	2940	26	-6	
27	July	BCCL	W-IV,W-V	45125	4693	4543	4140	3967	553	576	
28	August	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	235114	3590	3160	3618	3135	-29	24	

29	2018-2019	September	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	368351	3720	3292	3558	3093	162	199	
30		September	BCCL	W-IV,W-V	10913	5119	5004	4142	3884	977	1120	
31		October	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	422063	3655	3250	3450	3022	206	228	
32		October	BCCL	W-IV,W-V	15806	4704	4613	4416	4271	289	342	
33		November	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	340521	3511	3132	3269	2879	242	253	
34		December	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	359265	3570	3169	3466	3043	104	125	
35		January	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	409988	3488	3088	3354	2935	133	153	
36		February	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	321158	3582	3156	3446	3006	136	149	
37		February	BCCL	W-IV,W-V	18803	4246	4124	3764	3595	483	529	
38		March	BCCL	W-IV,W-V	12874	5051	4885	4301	4143	750	742	
39		March	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	404940	3548	3104	3475	3019	73	85	
40		2019-20	April	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	310204	3540	3125	3386	2949	153	176
41			April	BCCL	W-IV,W-V	31831	5002	4860	4267	4080	735	780
42	May		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	410483	3530	3121	3428	2982	102	139	
43	May		BCCL	W-IV,W-V	105235	5038	4912	4303	4096	734	817	
44	June		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	329345	3575	3156	3470	3025	105	131	
45	June		BCCL	W-IV,W-V	26222	4586	4513	3942	3720	644	793	
46	July		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	257059	3442	3033	3327	2869	115	164	
47	July		BCCL	W-IV,W-V	44177	4366	4221	3967	3687	399	534	
48	August		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	311187	3589	3186	3599	3132	-10	54	
49	August		BCCL	W-IV,W-V	52687	3804	3696	4173	3990	-369	-295	
50	September		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	136781	3708	3241	3691	3181	17	59	
51	September		BCCL	W-IV,W-V	10375	4523	4413	3960	3750	563	663	
52	October		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	139433	3597	3134	3475	2984	122	150	
53	October		BCCL	W-IV,W-V	7487	4555	4348					
54	November		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	299752	3413	3025	3194	2807	219	217	
55	November		BCCL	W-IV,W-V	27544	4137	4029	3189	3092	947	937	
56	December		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	412259	3347	2984	3147	2751	200	233	
57	December	BCCL	W-IV,W-V	33755	3051	2964						
58	January	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	366164	3407	3021	3335	2864	73	157		
59	January	BCCL	W-IV,W-V	49747	5007	4830	4184	3988	824	843		
60	February	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	425656	3396	2995	3282	2864	114	131		
61	February	BCCL	W-IV,W-V	4269	4300	4027	4492	4382	-192	-355		
62	March	BCCL	W-IV,W-V	44646	4745	4584	4256	4062	489	522		
63	March	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	268208	3485	3065	3299	2845	186	220		
64		April	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	365619	3354	2978	3278	2835	77	143	
65		April	BCCL	W-IV,W-V	37926	5268	5129	4100	3888	1168	1241	
66		May	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	353843	3461	3064	3248	2748	213	316	
67		May	BCCL	W-IV,W-V	16106	5547	5443	3518	3292	2028	2151	

68	2020-21	June	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	326100	3487	3079	3334	2830	153	249	
69		July	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	335653	3634	3196	3511	2967	123	229	
70		August	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	374213	3488	3086	3315	2803	173	282	
71		September	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	263611	3337	2936	3226	2754	112	182	
72		October	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	342388	3407	3008	3337	2874	70	134	
73		November	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	637328	3461	3032	3232	2808	229	224	
74		December	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	193101	3507	3087	3456	3055	51	32	
75		January	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	303567	3586	3162	3578	3160	9	2	
76		February	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	252564	3461	3040	3395	2980	65	60	
77		March	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	337842	3588	3158	3511	3070	77	88	
78		2021-22	April	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	261234	3532	3117	3481	3041	51	76
79			May	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	208988	3466	3059	3496	3067	-30	-8
80			June	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	121606	3441	3006	3465	3005	-23	1
81			June	BCCL		W-IV,W-V	11231	4877	4769			
82	July		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	63613	3108	2736	2957	2527	151	209	
83	July		BCCL		W-IV,W-V	27028	4774	4593				
84	August		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	86455	3175	2868	2983	2564	193	304	
85	August		BCCL		W-IV,W-V	44157	5229	5025	4057	3749	1173	1276
86	September		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	135163	3595	3149	3499	3019	96	130	
87	September		BCCL		W-IV,W-V	22187	4727	4535	3720	3475	1006	1060
88	October		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	86416	3198	2801	2973	2516	225	286	
89	October		BCCL		W-IV,W-V	11018	4865	4680	4182	3860	683	820
90	November		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	124826	3557	3154	3448	2959	109	195	
91	December		ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	88092	3434	3042	3209	2751	225	291	
92	December	BCCL		W-IV,W-V	3734	4861	4702					
93	January	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	88298	3271	2904	2926	2531	345	373		
94	January	BCCL		W-IV,W-V	4202	4733	4605	3747	3474	986	1131	
95	February	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	48410	3266	2882	3081	2663	185	219		
96	February	BCCL		W-IV,W-V	51154	4846	4691	3731	3582	1115	1109	
97	March	ECL,ECL(RAJMAHAL)	ECL G4,G5,ECL(RAJMAHAL) G13,G14	82036	3248	2866	2988	2583	260	282		
98	March	BCCL		W-IV,W-V	53466	4822	4688	4121	3982	701	706	

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: Kahalgaon STPS
Name of Company: NTPC Ltd
Sampling methodology adopted for station : As per tripartite/ bilateral agreement with CIMFR
Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR
Date of Fuel Supply Agreement :
Annual Contracted Quantity (as per FSA): 11.31 MMT (ECL)
Mode of transport MGR & Rail

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (Lakh MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Apr-17	ECL	G14	5.345	3349	2969	3134	2731	215	238
2		ECL	G14	2.217	3743	3297	3231	2794	512	503
3		ECL	G04-G05	1.505	5767	5517	4579	4224	1188	1293
4	May-17	ECL	G14	6.613	3202	2810	3178	2779	24	31
5		ECL	G14	0.940	2895	2575	2985	2647	-90	-72
6		ECL	G04-G05	2.575	5740	5458	4684	4306	1056	1152
7	Jun-17	ECL	G14	6.668	3384	2936	2856	2379	528	557
8		ECL	G14	0.667	3468	3001	2768	2274	700	727
9		ECL	G04-G05	2.699	6107	5711	4288	3667	1819	2044
10	Jul-17	ECL	G14	4.962	3531	3029	3501	2989	30	40
11		ECL	G14	2.764	3588	3017	3478	2937	110	80
12		ECL	G04-G05	2.334	6038	5553	5114	4625	924	928
13	Aug-17	ECL	G14	5.771	3754	3237	3409	2857	345	380
14		ECL	G14	1.766	3527	3020	3448	2913	79	107
15		ECL	G04-G05	2.190	6057	5564	5121	4556	936	1008
16	Sep-17	ECL	G14	5.348	3738	3290	2904	3414	834	-124
17		ECL	G14	2.900	3638	3175	2921	3471	717	-296
18		ECL	G04-G05	1.366	5926	5507	4797	5284	1129	223
19	Oct-17	ECL	G14	5.944	3709	3263	3549	2900	160	363
20		ECL	G14	3.599	3745	3263	3649	2956	96	307
21		ECL	G04-G05	1.208	4879	4480	4685	4155	194	325
22	Nov-17	ECL	G14	6.638	3836	3396	3726	3176	110	220
23		ECL	G14	2.852	3773	3357	3763	3217	10	140
24		ECL	G04-G05	1.467	4855	4509	4500	4066	355	443
25	Dec-17	ECL	G14	6.982	3751	3287	3589	2991	162	296
26		ECL	G14	2.362	3761	3290	3637	3050	123	240
27		ECL	G04-G05	0.743	5477	5064	5023	4462	454	602
28	Jan-18	ECL	G14	7.340	3724	3250	3494	2937	230	313
29		ECL	G14	2.820	3784	3297	3602	3043	182	254
30		ECL	G04-G05	1.123	5292	4868	5162	4625	130	243
31	Feb-18	ECL	G14	6.676	3708	3228	3480	2988	227	241
32		ECL	G14	3.562	3712	3235	3666	3137	46	98
33		ECL	G04-G05	0.148	5049	4568	5259	4757	-210	-190
34	Mar-18	ECL	G14	7.749	3829	3346	3641	3142	188	204
35		ECL	G14	3.793	3740	3264	3628	3152	112	112
36		ECL	G04-G05	0.358	5926	5496	5047	4670	879	826

37	Apr-18	ECL	G14	7.879	3852	3379	3634	3140	218	238
38		ECL	G14	2.531	3740	3273	3764	3274	-24	-1
39		ECL	G04-G05	1.023	5500	5086	4850	4461	651	625
40	May-18	ECL	G14	8.750	3756	3293	3560	3111	196	182
41		ECL	G14	2.424	3601	3171	3601	3157	0	14
42		ECL	G04-G05	0.406	5984	5521	4944	4605	1040	916
43	Jun-18	ECL	G14	6.210	3820	3329	3587	3113	233	216
44		ECL	G14	2.600	3668	3241	3620	3161	48	80
45		ECL	G04-G05	0.510	5785	5375	5290	4927	495	448
46	Jul-18	ECL	G14	3.366	3375	2970	3168	2788	207	182
47		ECL	G14	2.423	3477	3037	3410	3005	67	32
48		ECL	G04-G05	1.200	6224	5796	4647	4364	1577	1432
49	Aug-18	ECL	G14	5.327	3591	3162	3478	2966	113	196
50		ECL	G14	2.093	3660	3193	3593	3088	67	105
51		ECL	G04-G05	1.407	6212	5771	4774	4357	1438	1414
52	Sep-18	ECL	G14	6.299	3708	3289	3546	3001	162	288
53		ECL	G14	3.011	3608	3175	3590	3079	18	96
54		ECL	G04-G05	0.543	5923	5548	4612	4167	1311	1381
55	Oct-18	ECL	G14	6.364	3605	3213	3296	2795	309	418
56		ECL	G14	2.588	3629	3172	3525	3026	104	146
57		ECL	G04-G05	0.723	6000	5622	4647	4192	1353	1430
58	Nov-18	ECL	G14	7.813	3505	3121	3239	2711	266	410
59		ECL	G14	1.665	3479	3087	3521	2990	-42	97
60		ECL	G04-G05	1.467	5804	5531	4903	4428	901	1103
61	Dec-18	ECL	G14	8.384	3531	3127	3437	2868	94	259
62		ECL	G14	2.235	3663	3222	3601	3047	62	176
63		ECL	G04-G05	1.604	6100	5776	4704	4250	1396	1525
64	Jan-19	ECL	G14	9.805	3495	3090	3303	2740	192	350
65		ECL	G14	2.914	3660	3219	3509	2969	151	250
66		ECL	G04-G05	1.078	6027	5710	4744	4271	1283	1438
67	Feb-19	ECL	G14	9.729	3568	3136	3384	2802	184	333
68		ECL	G14	2.851	3771	3287	3629	3062	142	225
69		ECL	G04-G05	0.196	6492	6036	2022	1809	4470	4227
70	Mar-19	ECL	G14	10.112	3583	3144	3368	2808	215	336
71		ECL	G14	3.882	3394	2971	3484	2945	-89	26
72		ECL	G14	7.687	3569	3157	3480	2970	89	187
73	Apr-19	ECL	G14	2.762	3365	2978	3460	3018	-95	-41
74		ECL	G04-G05	0.141	6252	5920	4341	3986	1911	1934
75		ECL	G14	7.073	3557	3154	3332	2890	225	264
76	May-19	ECL	G14	2.528	3425	3075	3352	2981	73	94
77		ECL	G04-G05	0.150	6117	5802	4392	4036	1725	1766
78		ECL	G14	5.992	3637	3183	3447	3033	190	150
79	Jun-19	ECL	G14	2.217	3572	3167	3374	3010	198	157
80		ECL	G04-G05	0.748	6077	5660	4513	4160	1564	1500
81		ECL	G14	6.263	3584	3112	3212	2812	372	300
82	Jul-19	ECL	G14	1.730	3535	3075	3391	3012	145	63
83		ECL	G04-G05	1.761	6103	5670	4443	4124	1660	1546
84		Pakri Barwadih	G09	0.388	4780	4433	4407	3880	373	553
85	Aug-19	ECL	G14	7.855	3602	3186	3440	3029	162	157
86		ECL	G14	1.717	3532	3122	3422	3053	110	69
87		ECL	G04-G05	0.813	6133	5877	4435	4062	1698	1815

88		Pakri Barwadih	G09	0.864	4889	4524	4245	3712	645	812
89	Sep-19	ECL	G14	5.982	3731	3271	3555	3071	177	199
90		ECL	G14	0.958	3608	3165	3611	3210	-4	-45
91		ECL	G04-G05	1.752	5577	5303	4439	4050	1138	1253
92	Oct-19	ECL	G14	6.680	3620	3148	3464	3002	156	147
93		ECL	G14	1.394	3594	3138	3543	3118	51	20
94		ECL	G04-G05	1.668	6102	5818	5037	4637	1065	1181
95	Nov-19	ECL	G14	8.688	3514	3119	2789	3188	725	-69
96		ECL	G14	2.475	3520	3115	2869	3251	651	-135
97		ECL	G04-G05	1.787	6109	5873	4454	4841	1655	1032
98	Dec-19	ECL	G14	7.196	3506	3114	3368	2907	138	207
99		ECL	G14	3.433	3516	3092	3358	2933	158	159
100		ECL	G04-G05	0.549	6164	5871	5040	4626	1124	1245
101	Jan-20	ECL	G14	8.399	3500	3099	3278	2743	221	356
102		ECL	G14	3.308	3439	3022	3417	2901	22	122
103		ECL	G04-G05	0.941	6067	5712	5000	4611	1067	1102
104	Feb-20	ECL	G14	8.192	3470	3054	3357	2807	113	248
105		ECL	G14	3.635	3584	3128	3477	2936	108	192
106		ECL	G04-G05	0.939	5994	5633	4892	4505	1102	1128
107	Mar-20	ECL	G14	9.716	3470	3046	3204	2791	266	255
108		ECL	G14	3.601	3378	2972	3293	2868	85	104
109		ECL	G04-G05	0.860	5951	5561	5245	4845	706	716
110	Apr-20	ECL	G14	7.166	3503	3074	3222	2796	280	279
111		ECL	G14	2.833	3575	3165	3326	2902	249	264
112		ECL	G04-G05	1.929	6134	5741	4772	4441	1362	1300
113	May-20	ECL	G14	6.916	3496	3067	3274	2837	222	229
114		ECL	G14	2.909	3631	3237	3393	2982	238	254
115		ECL	G04-G05	1.829	5573	5173	4686	4298	888	876
116	Jun-20	ECL	G14	5.602	3544	3119	3328	2907	216	212
117		ECL	G14	2.635	3668	3239	3429	3016	239	223
118		ECL	G04-G05	1.055	6096	5729	4998	4668	1098	1061
119	Jul-20	ECL	G14	4.848	3588	3132	3384	2922	204	209
120		ECL	G14	2.517	3688	3198	3473	2990	215	208
121		ECL	G04-G05	0.463	6071	5726	4888	4516	1183	1210
122	Aug-20	ECL	G14	4.352	3500	3088	3213	2768	288	320
123		ECL	G14	2.683	3553	3116	3295	2863	258	254
124		ECL	G04-G05	0.119	5578	5300	3492	3083	2086	2217
125	Sep-20	ECL	G14	3.282	3415	2982	3268	2794	148	187
126		ECL	G14	1.672	3161	2753	3347	2873	-185	-120
127		ECL	G04-G05	1.409	6043	5595	4229	3782	1814	1813
128	Oct-20	ECL	W-IV/V	0.742	5232	5063	4486	4008	746	1055
129		ECL	G14	5.939	3585	3146	3297	2847	288	299
130		ECL	G14	2.291	3120	2737	3218	2792	-98	-55
131	NOV_20	ECL	G04-G05	2.079	6303	5892	4687	4269	1616	1623
132		ECL	W-IV/V	0.574	5489	5364	4526	4323	963	1041
133		ECL	G14	4.330	3563	3092	3192	2796	370	296
134	DEC_20	ECL	G14	2.659	3416	2998	3204	2828	212	170
135		ECL	G04-G05	0.500	6069	5652	4297	3987	1772	1665
136		ECL	G14	4.467	3536	3105	3417	2994	119	111
137	DEC_20	ECL	G14	1.945	3613	3184	3329	2924	284	260
138		ECL	G04-G05	0.553	6199	5801	4517	4205	1682	1596

139		ECL	W-IV/V	0.190	4847	4759	3917	3681	930	1079
140	JAN_21	ECL	G14	5.285	3583	3148	3380	2949	203	199
141		ECL	G14	2.629	3462	3087	3394	2974	68	112
142		ECL	G04-G05	0.418	6237	5744	4449	4177	1788	1567
143		ECL	W-IV/V	0.075	5574	5436	4381	4122	1194	1314
144	FEB_21	ECL	G14	6.774	3606	3154	3200	2765	406	389
145		ECL	G14	2.428	3481	3081	3240	2820	241	261
146		ECL	G04-G05	0.230	6412	5892	4787	4477	1625	1415
147	MAR_21	ECL	G14	8.883	3595	3158	3289	2885	306	273
148		ECL	G14	3.028	3413	3061	3361	2953	52	109
149		ECL	G04-G05	0.104	6345	6034	5070	4681	1275	1353
150	APRIL_21	ECL	G14	7.650	3604	3182	3252	2874	353	307
151		ECL	G14	2.465	3413	3068	3284	2919	130	149
152		ECL	G04-G05	0.779	6018	5755	4356	4098	1662	1656
153		ECL	W-IV/V	0.517	5762	5690	3856	3609	1906	2081
154	MAY_21	ECL	G14	7.011	3544	3108	3175	2771	369	337
155		ECL	G14	2.169	3292	2902	3158	2769	134	133
156		ECL	G04-G05	1.317	6225	5951	4391	4117	1835	1834
157		ECL	W-IV/V	1.040	4537	4423	3981	3744	557	680
158	JUNE_21	ECL	G14	7.058	3618	3174	3197	2798	421	376
159		ECL	G14	1.557	3123	2728	2968	2576	156	152
160		ECL	G04-G05	2.140	6081	5748	4704	4359	1377	1389
161		ECL	W-IV/V	1.080	5163	5028	4167	3898	996	1131
162	JULY_21	ECL	G14	5.262	3394	3002	3152	2750	242	252
163		ECL	G14	1.014	3108	2730	2916	2527	192	203
164		ECL	G04-G05	3.413	5926	5586	4915	4577	1011	1009
165		ECL	W-IV/V	1.169	5007	4856	4324	4129	683	726
166	AUG_21	ECL	G14	3.679	3482	3079	3083	2689	398	390
167		ECL	G14	0.978	2771	2432	2885	2476	-114	-44
168		ECL	G04-G05	4.539	5966	5604	4877	4491	1089	1113
169		ECL	W-IV/V	0.981	5193	4998	4032	3832	1161	1165
170		Pakri Barwadih	G09	0.965	4650	4352	4245	3913	406	439
171	SEP_21	ECL	G14	5.320	3628	3182	3394	2968	234	214
172		ECL	G14	1.093	2975	2620	2924	2563	51	57
173		ECL	G04-G05	2.549	6021	5652	4985	4622	1036	1031
174		ECL	W-IV/V	0.541	4373	4212	4146	3969	227	242
175	OCT_21	ECL	G14	3.489	3456	3029	3116	2749	340	280
176		ECL	G14	0.075	3297	2757	2873	2554	425	203
177		ECL	G04-G05	3.988	6097	5730	5094	4733	1002	997
178		ECL	W-IV/V	0.937	4937	4774	3971	3786	967	988
179	NOV_21	ECL	G14	4.996	3624	3205	3421	3019	203	186
180		ECL	G04-G05	0.000	6423	6003	4856	4577	1568	1427
181		ECL	W-IV/V	2.343	4522	4385	3747	3605	775	780
182		Pakri Barwadih	G09	1.391	4764	4553	4394	4068	370	485
183	DEC_21	ECL	G14	2.629	3512	3109	3318	2938	193	171
184		ECL	G14	0.524	3053	2680	3011	2684	42	-4
185		ECL	G04-G05	2.573	5724	5388	4525	4228	1200	1160
186		ECL	W-IV/V	0.993	4445	4051	4239	4034	206	17
187		Pakri Barwadih	G09	0.404	4595	4345	4590	4267	5	77
188		ECL	G14	3.189	3293	2907	3070	2749	224	158
189		ECL	G14	0.931	2976	2648	3030	2715	-54	-67

190	JAN_22	ECL	G04-G05	3.187	5806	5441	4893	4554	913	887
191		ECL	W-IV/V	0.074	4815	4663	4769	4462	45	202
192		Pakri Barwadih	G09	2.557	4578	4300	4582	4264	-3	36
193	FEB_22	ECL	G14	2.577	3386	3009	3088	2725	298	284
194		ECL	G14	1.483	3248	2883	3042	2688	206	195
195		ECL	G04-G05	2.814	5488	5165	4812	4444	676	721
196		ECL	W-IV/V	0.259	4868	4697	4194	4037	674	660
197		Pakri Barwadih	G09	2.074	4164	3918	4441	4139	-277	-221
198	MAR_22	ECL	G14	1.847	3330	2951	3175	2818	155	133
199		ECL	G14	0.891	2653	2350	2693	2418	-40	-68
200		ECL	G04-G05	3.031	5121	4783	5100	4773	21	10
201		ECL	W-IV/V	0.407	5242	5117	3989	3848	1253	1269
202		Pakri Barwadih	G09	2.809	4274	4064	4430	4184	-155	-120

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: NTPC BARH
Name of Company: NTPC Ltd.
Sampling methodology adopted for station : As per tripartite/ bilateral agreement with CIMFR
Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR
Date of Fuel Supply Agreement :
Annual Contracted Quantity (as per FSA): 3.33 MMT
Mode of transport Rail

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Apr'17	ECL	G03-G05	11367	5151	4892	4491	4245	660	647
2	Apr'17	CCL	G09-G13 & WC	134610	4284	4168	4102	3859	182	309
3	May'17	ECL	G03-G05	18722	5956	5545	4569	4290	1387	1256
4	May'17	CCL	G09-G13 & WC	50246	3676	3553	4097	3867	-421	-314
5	Jun'17	ECL	G03 – G05	48077	5885	5497	4422	4127	1463	1370
6	Jun'17	CCL	G05-G14 & WC	65586	3886	3683	4050	3849	-163	-166
7	Jul'17	ECL	G03 – G08	47907	5699	5294	4632	4300	1067	993
8	Jul'17	CCL	G10-G13 & WC	157856	3806	3566	3865	3612	-59	-46
9	Jul'17	BCCL	G06-G08,WC	42844	4408	4227	4051	3875	357	352
10	Aug'17	ECL	G03 – G08	69126	4121	3840	3520	3246	601	594
11	Aug'17	CCL	G08-G13 & WC	110882	3788	3533	3757	3480	31	53
12	Aug'17	BCCL	G03-G09 & WC	76674	4655	4484	4155	3979	500	505
13	Sep'17	ECL	G05 – G08	21073	3993	3763	3439	3139	554	624
14	Sep'17	CCL	G10-G14 & WC	37526	3841	3594	3897	3524	-55	70
15	Sep'17	BCCL	G08 & WC	7458	4932	4736	4435	4145	497	591
16	Oct'17	ECL	G06-G13	70621	3620	2795	3265	2824	355	-30
17	Oct'17	CCL	G10-G13 & WC	48631	3773	3554	3597	3213	176	341
18	Oct'17	BCCL	G08-G13 & WC	17851	4392	4263	4092	3828	300	434
19	Nov'17	ECL	G13	59743	3835	3373	3620	3066	216	307
20	Nov'17	CCL	G08-G14 & WC	25724	4031	3821	3802	3342	229	479
21	Dec'17	ECL	G06-G13	26711	3709	3483	3599	3088	110	395
22	Dec'17	CCL	G11 & WC	31994	4572	4376	4127	3751	445	625
23	Jan'18	ECL	G06-G13	169064	3460	3177	3303	3002	157	175
24	Jan'18	CCL	WC	32621	4301	4032	4049	3681	252	351
25	Feb'18	ECL	G05-G13	144420	3584	3221	3466	3091	118	131
26	Feb'18	CCL	G08-G10	6766	3595	3526	2279	2201	1317	1326
27	Mar'18	ECL	G05-G13	132908	3685	3392	3433	3107	252	284
28	Mar'18	CCL	G08-G10	7623	3573	3550	3024	2949	549	601
29	Apr-18	ECL	G6	201	5775	5454	3540	3252	2235	2202
30	Apr-18	ECL	G8	3462	5462	5390	3730	3440	1732	1951
31	Apr-18	ECL	G7	756	5369	5179	3610	3411	1759	1768
32	Apr-18	ECL	G5	1134	6068	5788	3390	3159	2678	2628
33	Apr-18	ECL	G5	1134	5897	5666	4530	4305	1367	1361
34	Apr-18	ECL	G5	504	6049	5903	3250	3039	2799	2864

35	Apr-18	ECL	G8	3709	6015	5647	2960	2676	3055	2972
36	Apr-18	ECL	G6	2862	6020	5963	3130	2888	2890	3075
37	Apr-18	ECL	G6	3944	6000	5834	3550	3144	2450	2690
38	Apr-18	ECL	G6	3022	6042	6016	3100	2807	2942	3209
39	Apr-18	ECL	G6	4065	6055	5821	3200	2939	2855	2883
40	Apr-18	ECL	G6	2869	5988	5790	1860	1685	4128	4105
41	Apr-18	ECL	G6	3790	6088	5761	3760	3352	2328	2409
42	Apr-18	ECL	G6	3937	6096	5998	3650	3158	2446	2840
43	Apr-18	CCL	G11	3869	4188	3982	3720	3362	468	620
44	Apr-18	ECL	G6	3251	6026	5788	3470	3127	2556	2661
45	Apr-18	ECL	G6	3248	6021	5986	3400	3131	2621	2855
46	Apr-18	CCL	G13	1117	3474	3163	3420	3100	54	63
47	Apr-18	ECL	G7	1237	5318	4988	3600	3311	1718	1677
48	Apr-18	ECL	G5	1288	5977	5641	4070	3797	1907	1844
49	Apr-18	ECL	G5	639	3453	3383	3770	3671	-317	-288
50	Apr-18	ECL	G5	511	5988	5757	3290	3093	2698	2664
51	Apr-18	ECL	G6	3087	5683	5594	3740	3493	1943	2100
52	Apr-18	ECL	G6	2709	6011	5935	3490	3253	2521	2682
53	Apr-18	BCCL	G8	2307	4860	4694	4180	3961	680	733
54	Apr-18	BCCL	WIV	1278	5714	5694	3520	3332	2194	2363
55	Apr-18	CCL	NCWP	3695	4772	4788	3760	3454	1012	1333
56	Apr-18	CCL	NCWP	3695	4617	4642	3300	3028	1317	1615
57	Apr-18	CCL	NCWP	3574	3834	3750	3900	3524	-66	226
58	Apr-18	ECL	G6	3710	5990	6004	4090	3779	1900	2225
59	Apr-18	ECL	G6	3743	5943	5907	4060	3637	1883	2269
60	Apr-18	CCL	NCWP	3724	4777	4767	3810	3466	967	1301
61	Apr-18	ECL	G7	1757	5279	5056	3590	3433	1689	1622
62	Apr-18	ECL	G5	1949	5870	5525	3040	2938	2830	2587
63	Apr-18	CCL	WC	4034	4345	4284	3530	3301	815	983
64	Apr-18	CCL	WC	3478	4247	4169	3870	3512	377	657
65	Apr-18	CCL	WC	3391	4439	4260	3540	3205	899	1055
66	Apr-18	ECL	G6	3296	6047	6007	3790	3489	2257	2517
67	Apr-18	ECL	G7	988	5398	5171	3520	3288	1878	1883
68	Apr-18	ECL	G5	1103	5983	5810	3650	3490	2333	2320
69	Apr-18	ECL	G5	1899	5984	5813	3500	3308	2484	2505
70	Apr-18	CCL	WC	3630	4251	4151	3420	3134	831	1017
71	Apr-18	ECL	G6	3716	5966	5844	3550	3254	2416	2590
72	Apr-18	CCL	WC	3446	4400	4376	3910	3545	490	831
73	Apr-18	CCL	WC	3330	4176	4185	3980	3563	196	623
74	Apr-18	CCL	G11	3725	4778	4736	4280	4000	498	735
75	Apr-18	CCL	G11	3509	4194	4217	3790	3417	404	800
76	Apr-18	CCL	WC	3588	4846	4654	3470	3150	1376	1505
77	Apr-18	ECL	G7	1630	5331	5017	3660	3332	1671	1685
78	Apr-18	ECL	G5	1299	5974	5656	3590	3353	2384	2303
79	Apr-18	ECL	G5	446	6018	5719	3470	3259	2548	2460
80	Apr-18	ECL	G5	515	5986	5551	3550	3234	2436	2317
81	Apr-18	ECL	G7	1011	5285	5070	3560	3285	1725	1785
82	Apr-18	ECL	G7	1310	5374	5077	3310	3018	2064	2059
83	Apr-18	ECL	G7	624	5308	5073	3010	2767	2298	2305

84	Apr-18	ECL	G5	620	5995	5724	4050	3738	1945	1987
85	Apr-18	CCL	WC	3584	3852	3728	3200	3008	652	720
86	Apr-18	CCL	WC	3421	4566	4399	3560	3170	1006	1229
87	Apr-18	CCL	G11	3918	3939	3672	3480	3085	459	587
88	Apr-18	ECL	G6	3768	5703	5521	4170	3707	1533	1814
89	Apr-18	CCL	G11	3449	4339	4146	3680	3351	659	794
90	Apr-18	ECL	G7	988	5344	5242	2840	2614	2504	2627
91	Apr-18	ECL	G7	1377	5352	5071	3160	2868	2192	2204
92	Apr-18	ECL	G7	912	6014	5663	3050	2834	2964	2829
93	Apr-18	CCL	WC	3861	4112	4000	3640	3248	472	752
94	Apr-18	ECL	G6	3078	5974	5738	3920	3560	2054	2178
95	Apr-18	CCL	G11	3478	4251	4092	3900	3400	351	692
96	Apr-18	ECL	G6	3901	5697	5226	3780	3452	1917	1774
97	Apr-18	CCL	WC	3182	4934	4804	3930	3453	1004	1351
98	May-18	CCL	WC	3398	4160	3993	3700	3309	460	684
99	May-18	CCL	WC	3478	5258	5177	3840	3454	1418	1723
100	May-18	ECL	G6	3093	5576	5382	3530	3184	2046	2198
101	May-18	CCL	G11	3645	4441	4214	3440	3177	1001	1037
102	May-18	CCL	WC	3655	4236	4054	3820	3487	416	567
103	May-18	ECL	G6	3138	5582	5461	3900	3576	1682	1885
104	May-18	CCL	G11	3613	4262	4130	4300	3853	-38	277
105	May-18	CCL	WC	3441	4213	4025	4160	3724	53	301
106	May-18	ECL	G6	3797	5608	5501	3900	3677	1708	1823
107	May-18	CCL	WC	3376	4785	4690	4080	3689	705	1002
108	May-18	ECL	G6	3735	5566	5439	3690	3379	1876	2061
109	May-18	ECL	G6	3407	5531	5454	3260	3030	2271	2424
110	May-18	ECL	G6	3801	5557	5451	4010	3620	1547	1830
111	May-18	ECL	G6	3918	5635	5328	3260	3003	2375	2326
112	May-18	ECL	G6	3058	5600	5489	3490	3251	2110	2238
113	May-18	ECL	G6	4002	5640	5531	3170	2884	2470	2647
114	May-18	ECL	G6	3969	5652	5609	2080	1929	3572	3681
115	May-18	ECL	G6	3676	5595	5544	2590	2351	3005	3193
116	May-18	ECL	G6	3115	5586	5512	2920	2764	2666	2749
117	May-18	ECL	G5	668	5958	5763	4210	3834	1748	1929
118	May-18	ECL	G5	1339	5514	5179	4260	3812	1254	1367
119	May-18	ECL	G7	1657	5406	5021	3630	3421	1776	1600
120	May-18	ECL	G6	3741	5693	5552	3630	3421	2063	2131
121	May-18	ECL	G6	3994	5620	5533	3300	3110	2320	2423
122	May-18	BCCL	WIV	3914	5857	5860	4030	3781	1827	2079
123	May-18	BCCL	WIV	3841	5777	5659	4820	4539	957	1120
124	May-18	ECL	G7	1915	5438	4820	3430	3147	2008	1672
125	May-18	ECL	G7	1280	5344	4819	3430	3147	1914	1672
126	May-18	ECL	G6	3876	5614	5534	4110	3826	1504	1708
127	May-18	BCCL	G8	1630	4600	4414	4680	4392	-80	22
128	May-18	BCCL	WIV	804	4090	3966	4550	4335	-460	-369
129	May-18	BCCL	WIV	1074	5650	5468	3960	3756	1690	1712
130	May-18	BCCL	WIV	1300	5700	5534	3380	3158	2320	2375
131	May-18	BCCL	WIV	888	4480	4313	4130	3834	350	479
132	May-18	BCCL	G8	1678	4540	4389	4090	3900	450	488

133	May-18	ECL	G8	404	5085	5005	3810	3491	1275	1515
134	May-18	ECL	G6	3402	5565	5457	3230	2963	2335	2493
135	May-18	BCCL	WIV	853	4370	4225	4700	4449	-330	-224
136	May-18	BCCL	WIV	1024	5790	5656	4320	4107	1470	1549
137	May-18	BCCL	G8	1642	4500	4328	4140	3927	360	401
138	Jun-18	ECL	G08	4079	5109	4895	3640	3418	1469	1477
139	Jun-18	ECL	G08	3316	5131	4905	3110	2726	2021	2179
140	Jun-18	ECL	G08	3963	5125	4687	2900	2589	2225	2098
141	Jun-18	BCCL	WIV	1867	3860	3802	3020	2806	840	995
142	Jun-18	BCCL	WIV	1999	4010	3897	3680	3461	330	436
143	Jun-18	BCCL	WIV	1368	5450	5379	3710	3389	1740	1990
144	Jun-18	BCCL	WIV	1473	6307	6132	4030	3774	2277	2358
145	Jun-18	BCCL	G08	909	6478	6211	4160	3888	2318	2323
146	Jun-18	BCCL	WIV	1883	4230	4153	3890	3595	340	558
147	Jun-18	BCCL	WIV	1758	4230	4119	3910	3605	320	514
148	Jun-18	BCCL	WIV	1514	5450	5313	3730	3365	1720	1948
149	Jun-18	BCCL	WIV	956	6451	6234	4570	4246	1881	1988
150	Jun-18	BCCL	G08	770	6431	6233	3940	3638	2491	2595
151	Jun-18	BCCL	WIV	1828	3870	3804	3440	3249	430	555
152	Jun-18	BCCL	WIV	1760	4320	4102	4100	3943	220	159
153	Jun-18	BCCL	G08	730	6529	6255	3820	3618	2709	2638
154	Jun-18	BCCL	WIV	1431	6519	6125	3410	3200	3109	2926
155	Jun-18	BCCL	WIV	1557	5350	5253	4070	3832	1280	1422
156	Jun-18	BCCL	WIV	1237	5220	5083	4780	4568	440	516
157	Jun-18	BCCL	WIV	1428	6299	6048	4990	4675	1309	1373
158	Jun-18	BCCL	G08	774	6115	5876	4610	4335	1505	1541
159	Jun-18	BCCL	WIV	3782	4160	4030	4020	3727	140	303
160	Jun-18	BCCL	WIV	1123	6535	6290	4670	4376	1865	1914
161	Jun-18	BCCL	G08	790	6543	6293	4590	4307	1953	1986
162	Jun-18	BCCL	WIV	1581	5310	5139	4210	4027	1100	1112
163	Jun-18	ECL	G6	3643	5597	5472	3420	3103	2177	2369
164	Jun-18	ECL	G6	3670	5640	5480	3230	2955	2410	2525
165	Jun-18	ECL	G6	3138	5617	5419	3150	2850	2467	2569
166	Jun-18	BCCL	WIV	2436	4502	4312	2760	2518	1742	1794
167	Jun-18	BCCL	WIII	301	3980	3744	2780	2595	1200	1149
168	Jun-18	BCCL	WIV	655	4082	3828	3120	2915	962	913
169	Jun-18	ECL	G6	3808	5617	5271	3150	2873	2467	2398
170	Jun-18	BCCL	WIV	3973	4270	4115	3580	3309	690	806
171	Jun-18	ECL	G6	3583	5589	5318	3930	3591	1659	1727
172	Jun-18	ECL	G6	3679	5630	5288	3000	2697	2630	2592
173	Jun-18	BCCL	WIV	3888	5226	5099	4180	3939	1046	1160
174	Jun-18	ECL	G6	3452	5606	5356	4680	4065	926	1292
175	Jun-18	BCCL	WIV	3132	4325	4130	3130	2777	1195	1353
176	Jun-18	BCCL	WIII	393	3324	3194	3220	2881	104	313
177	Jun-18	BCCL	WIV	1509	6039	5881	3930	3728	2109	2153
178	Jul-18	BCCL	WIV	1583	5650	5582	4290	4069	1360	1512
179	Jul-18	BCCL	WIV	3548	4120	4099	3910	3551	210	548
180	Jul-18	BCCL	WIV	1325	5770	5654	4570	4273	1200	1380
181	Jul-18	BCCL	WIV	2387	4960	4750	3800	3512	1160	1238

182	Jul-18	BCCL	WIV	1253	4650	4575	3850	3550	800	1025
183	Jul-18	BCCL	WIV	2154	4570	4501	4270	4123	300	378
184	Jul-18	BCCL	WIV	1269	4600	4480	3890	3827	710	653
185	Jul-18	BCCL	G08	1259	4420	4273	4190	4084	230	189
186	Jul-18	BCCL	WIV	1408	4470	4348	3720	3561	750	786
187	Jul-18	BCCL	WIV	1036	5770	5619	4010	3913	1760	1706
188	Jul-18	ECL	G06	3398	5808	5394	3720	3483	2088	1911
189	Jul-18	BCCL	WIV	2673	4560	4500	3960	3712	600	788
190	Jul-18	BCCL	WIV	1144	4630	4527	4260	4010	370	517
191	Jul-18	BCCL	WIV	3574	4720	4458	4140	3943	580	515
192	Jul-18	ECL	G06	3944	5998	5576	3820	3377	2178	2199
193	Jul-18	BCCL	WIV	2585	4360	4219	4140	3871	220	348
194	Jul-18	BCCL	WIV	949	4160	3941	3440	3232	720	710
195	Jul-18	ECL	G07	3214	5734	5265	3480	3130	2254	2135
196	Jul-18	BCCL	WIV	3389	4800	4694	3750	3453	1050	1241
197	Jul-18	BCCL	WIV	1352	6441	6352	3870	3643	2571	2709
198	Jul-18	BCCL	WIV	1848	6386	6266	3450	3237	2936	3029
199	Jul-18	BCCL	WIV	1385	6492	6406	3850	3613	2642	2793
200	Jul-18	BCCL	WIV	2442	6019	5975	3980	3750	2039	2224
201	Jul-18	BCCL	WIV	3513	3670	3546	2480	2216	1190	1331
202	Jul-18	BCCL	WIV	1134	5820	5656	4250	4027	1570	1629
203	Jul-18	BCCL	WIV	1342	5957	5815	3560	3332	2397	2483
204	Jul-18	BCCL	G8	668	5779	5673	4360	4012	1419	1661
205	Jul-18	BCCL	WIV	1477	5831	5627	4460	4215	1371	1412
206	Jul-18	BCCL	G8	828	5899	5682	4060	3817	1839	1865
207	Jul-18	BCCL	WIV	1316	5780	5599	4280	4081	1500	1519
208	Jul-18	ECL	G07	3354	5730	5156	3310	2907	2420	2248
209	Jul-18	BCCL	WIV	3292	3730	3553	3270	3067	460	485
210	Jul-18	BCCL	WIV	1902	6372	6192	3530	3305	2842	2886
211	Jul-18	BCCL	WIV	1955	5932	5823	3730	3515	2202	2308
212	Jul-18	BCCL	WIV	2222	6457	6409	3490	3236	2967	3173
213	Jul-18	BCCL	WIV	1461	6438	6345	3820	3572	2618	2773
214	Jul-18	BCCL	WIV	2242	6422	6334	3660	3397	2762	2937
215	Jul-18	BCCL	WIV	1525	6350	6259	3700	3471	2650	2788
216	Jul-18	ECL	G07	3806	5686	5288	3320	2926	2366	2362
217	Jul-18	BCCL	G8	885	5849	5672	3790	3545	2059	2127
218	Jul-18	BCCL	WIV	1250	5878	5646	3790	3545	2088	2101
219	Jul-18	BCCL	WIV	969	5590	5443	3790	3545	1800	1898
220	Jul-18	BCCL	WIV	1651	5510	5282	4510	4152	1000	1130
221	Jul-18	BCCL	WIV	802	4560	4385	4020	3789	540	597
222	Jul-18	BCCL	G8	1383	4640	4448	3800	3527	840	921
223	Jul-18	BCCL	WIV	3762	4640	4569	4330	3846	310	723
224	Jul-18	BCCL	WIV	1332	5670	5504	4410	4064	1260	1440
225	Jul-18	BCCL	WIV	1091	4515	4303	4590	4215	-75	88
226	Jul-18	BCCL	G8	999	4528	4330	4090	3785	438	545
227	Jul-18	ECL	G7	3575	5883	5245	3050	2637	2833	2608
228	Jul-18	ECL	G7	4046	5800	5277	2620	2223	3180	3053
229	Aug-18	ECL	G7	3616	5503	5344	2650	2242	2853	3102
230	Aug-18	ECL	G7	3724	5595	5095	3170	2829	2425	2266

231	Aug-18	ECL	G7	3641	5439	5146	3060	2794	2379	2351
232	Aug-18	ECL	G7	3718	5430	5169	3050	2742	2380	2427
233	Aug-18	BCCL	WIV	2217	5927	5577	3940	3743	1987	1833
234	Aug-18	BCCL	WIV	1099	5740	5572	4170	3946	1570	1626
235	Aug-18	BCCL	G8	518	4980	4703	3750	3561	1230	1142
236	Aug-18	BCCL	WIV	3410	5524	5326	4140	3859	1384	1467
237	Aug-18	ECL	G7	4058	5384	5079	3550	3197	1834	1882
238	Aug-18	BCCL	WIV	3811	5526	5329	4160	3933	1366	1396
239	Aug-18	BCCL	WIV	966	5660	5455	4010	3836	1650	1619
240	Aug-18	BCCL	WIV	1713	5927	5657	3630	3383	2297	2274
241	Aug-18	BCCL	G8	872	5859	5638	4310	4061	1549	1577
242	Aug-18	ECL	G8	3334	5317	5056	4070	3599	1247	1457
243	Aug-18	ECL	G8	3453	5372	5001	2880	2573	2492	2428
244	Aug-18	ECL	G8	3849	5344	5051	3820	3489	1524	1562
245	Aug-18	ECL	G8	3811	5326	4989	4310	3936	1016	1053
246	Aug-18	BCCL	WIV	1479	5730	5470	4560	4371	1170	1099
247	Aug-18	ECL	G8	2984	5355	5068	4070	3758	1285	1309
248	Aug-18	BCCL	WIV	3682	5718	5575	4020	3722	1698	1853
249	Aug-18	BCCL	WIV	1480	5790	5440	5180	4820	610	620
250	Aug-18	BCCL	WIV	1979	4230	3976	4760	4353	-530	-377
251	Aug-18	BCCL	G8	239	5100	4915	4330	3983	770	931
252	Aug-18	ECL	G7	3627	5351	5182	3420	3087	1931	2095
253	Aug-18	ECL	G7	3812	5416	5105	3350	2979	2066	2126
254	Sep-18	BCCL	WIV	3873	5678	5437	3840	3494	1838	1943
255	Sep-18	BCCL	WIV	3888	5539	5326	3900	3612	1639	1714
256	Sep-18	BCCL	WIV	3547	5446	5342	5330	5028	116	314
257	Sep-18	BCCL	WIV	1428	5810	5687	4570	4289	1240	1398
258	Sep-18	BCCL	WIV	1836	4390	4150	3500	3263	890	887
259	Sep-18	BCCL	G8	544	5580	5320	3850	3565	1730	1756
260	Sep-18	BCCL	WIV	4016	5559	5400	4540	4366	1019	1034
261	Oct-18	ECL	G08	2072	5108	4937	3670	3403	1438	1534
262	Oct-18	ECL	G07	1915	5455	5310	3330	3088	2125	2221
263	Oct-18	ECL	G8	3851	5117	4853	2890	2656	2227	2197
264	Oct-18	ECL	G07	3150	5461	5362	3010	2812	2451	2550
265	Nov-18	ECL	G07	3962	5430	5093	3000	2745	2430	2347
266	Nov-18	ECL	G07	3196	4634	4383	2980	2740	1654	1642
267	Nov-18	ECL	G08	3856	4957	4689	3390	3018	1567	1671
268	Nov-18	ECL	G08	3611	4879	4592	3030	2733	1849	1859
269	Nov-18	ECL	G08	4025	4919	4629	2570	2361	2349	2268
270	Nov-18	ECL	G08	3979	5015	4790	3540	3225	1475	1565
271	Nov-18	ECL	G08	3833	4980	4819	2780	2584	2200	2234
272	Nov-18	ECL	G08	3950	4927	4792	3200	2897	1727	1896
273	Nov-18	ECL	G08	3876	4806	4510	3270	3021	1536	1489
274	Nov-18	ECL	G08	3821	4940	4764	3390	3036	1550	1728
275	Nov-18	ECL	G07	3766	5257	5010	3130	2917	2127	2093
276	Nov-18	ECL	G07	3854	5136	4891	3130	2872	2006	2019
277	Nov-18	ECL	G07	3916	5178	5025	3080	2820	2098	2205
278	Nov-18	ECL	G07	4035	5193	5065	3020	2793	2173	2272
279	Nov-18	ECL	G7	3848	5201	4991	2190	2002	3011	2989

280	Nov-18	CCL	NCWP	3171	4517	4255	3740	3367	777	888
281	Dec-18	CCL	NCWP	3717	4161	4007	3780	3375	381	632
282	Dec-18	ECL	G7	3125	5209	5021	2460	2232	2749	2788
283	Dec-18	ECL	G7	3534	5270	5095	3240	2984	2030	2110
284	Dec-18	ECL	G7	3900	5221	5128	2820	2637	2401	2491
285	Dec-18	CCL	NCWP	3444	4638	4457	4330	4017	308	441
286	Dec-18	ECL	G7	3255	5014	4917	2080	1920	2934	2996
287	Dec-18	ECL	G7	3783	4854	4691	2570	2341	2284	2350
288	Dec-18	CCL	NCWP	3392	5293	5185	4730	4335	563	850
289	Dec-18	CCL	NCWP	3170	4729	4469	4160	3738	569	732
290	Dec-18	ECL	G7	3272	5053	4894	2580	2351	2473	2542
291	Dec-18	ECL	G7	3213	4620	4494	3100	2824	1520	1670
292	Dec-18	ECL	G7	3334	4810	4725	3130	2889	1680	1836
293	Dec-18	ECL	G7	3449	4855	4727	2330	2137	2525	2590
294	Dec-18	ECL	G7	2926	4912	4728	2620	2403	2292	2325
295	Dec-18	ECL	G7	3632	4618	4586	3870	3446	748	1140
296	Dec-18	ECL	G7	3057	5058	4895	2570	2346	2488	2549
297	Dec-18	ECL	G7	2761	4510	4370	3640	3208	870	1162
298	Dec-18	ECL	G07	2904	4624	4473	2550	2320	2074	2154
299	Dec-18	ECL	G07	3787	4630	4513	3550	3278	1080	1234
300	Dec-18	ECL	G07	3020	4725	4551	2990	2732	1735	1819
301	Dec-18	ECL	G07	3874	4855	4711	4010	3663	845	1048
302	Dec-18	ECL	G07	3182	5213	5029	4230	3845	983	1183
303	Dec-18	ECL	G07	3569	5252	5027	3230	2974	2022	2053
304	Dec-18	ECL	G07	3948	5188	5028	3500	3117	1688	1911
305	Dec-18	ECL	G07	3443	5264	5116	3740	3346	1524	1770
306	Jan-19	ECL	G07	4032	5371	5209	3110	2785	2261	2424
307	Jan-19	CCL	NCWP	3085	4515	4364	3570	3307	945	1057
308	Jan-19	CCL	NCWP	3459	4607	4377	4580	4193	27	185
309	Jan-19	ECL	G08	3889	5401	5103	3320	2959	2081	2144
310	Jan-19	ECL	G08	3853	5349	5118	3190	2932	2159	2186
311	Jan-19	ECL	G08	4142	5199	5027	3880	3454	1319	1573
312	Jan-19	ECL	G08	3548	5304	5090	3150	2853	2154	2237
313	Jan-19	ECL	G08	3750	5259	5076	3890	3524	1369	1553
314	Jan-19	ECL	G08	3897	5378	5227	2510	2264	2868	2963
315	Jan-19	ECL	G08	3252	5376	5140	2160	1950	3216	3190
316	Jan-19	ECL	G08	3736	5348	5135	2080	1878	3268	3257
317	Jan-19	ECL	G07	3922	5349	5222	3920	3528	1429	1694
318	Jan-19	ECL	G07	3427	5475	5310	3370	3089	2105	2221
319	Jan-19	ECL	G07	3346	5385	5216	2800	2513	2585	2703
320	Jan-19	ECL	G07	3742	5579	5462	3470	3213	2109	2248
321	Jan-19	ECL	G07	3710	5608	5428	3560	3332	2048	2095
322	Jan-19	ECL	G07	3590	5610	5534	3970	3654	1640	1880
323	Jan-19	ECL	G07	3858	5461	5354	3720	3517	1741	1837
324	Jan-19	ECL	G07	2941	5549	5422	3990	3650	1559	1772
325	Jan-19	ECL	G07	3272	5699	5492	3570	3252	2129	2240
326	Jan-19	ECL	G08	3494	5411	5196	4030	3622	1381	1573
327	Jan-19	ECL	G08	3543	5243	5124	4130	3870	1113	1254
328	Jan-19	ECL	G08	3388	5407	5206	3540	3206	1867	2000

329	Jan-19	ECL	G08	3098	3522	3310	3490	3121	32	189
330	Jan-19	ECL	G08	3806	5334	5082	4060	3655	1274	1427
331	Feb-19	ECL	G8	3658	5492	5246	2720	2490	2772	2756
332	Feb-19	ECL	G8	3794	5339	5031	3490	3236	1849	1795
333	Feb-19	ECL	G8	3689	5445	5161	3570	3276	1875	1884
334	Feb-19	ECL	G8	3780	5306	5014	4400	4013	906	1000
335	Feb-19	ECL	G8	3932	5365	5079	4500	3971	865	1109
336	Feb-19	ECL	G8	3547	5380	5021	3270	3036	2110	1985
337	Feb-19	ECL	G8	3758	5267	4999	4180	3840	1087	1159
338	Feb-19	ECL	G8	3158	5343	5105	4080	3699	1263	1406
339	Feb-19	ECL	G8	3129	5345	5107	3390	2955	1955	2152
340	Feb-19	ECL	G7	859	5388	5017	3200	2839	2188	2178
341	Feb-19	ECL	G5	1288	6012	5576	3570	3135	2442	2441
342	Feb-19	ECL	G7	1641	5362	4978	3770	3310	1592	1667
343	Feb-19	ECL	G8	3221	5409	5070	3840	3556	1569	1515
344	Feb-19	ECL	G8	3855	5449	5172	3800	3418	1649	1754
345	Feb-19	ECL	G7	876	5298	4707	3870	3552	1428	1155
346	Feb-19	ECL	G7	1915	5173	4906	4170	3796	1003	1109
347	Feb-19	ECL	G5	839	5908	5419	3570	3275	2338	2144
348	Feb-19	CCL	WC	3095	5114	4910	4280	3773	834	1136
349	Feb-19	ECL	G8	4015	5451	5033	4110	3735	1341	1298
350	Feb-19	ECL	G8	3852	5248	4805	4030	3710	1218	1095
351	Feb-19	ECL	G8	3780	5320	5122	3150	2930	2170	2191
352	Feb-19	ECL	G8	4061	5379	5044	4340	3985	1039	1059
353	Feb-19	ECL	G8	3490	5404	5171	3960	3563	1444	1608
354	Feb-19	ECL	G8	4042	5357	5067	4050	3578	1307	1489
355	Feb-19	ECL	G8	3954	5295	4929	3860	3552	1435	1377
356	Feb-19	ECL	G8	3608	5421	5036	3770	3267	1651	1769
357	Feb-19	ECL	G8	3588	5384	5188	4480	4149	904	1039
358	Feb-19	ECL	G8	3247	5410	5149	4390	3974	1020	1175
359	Feb-19	ECL	G8	3626	5396	5144	3141	2900	2255	2244
360	Feb-19	ECL	G8	3665	5406	5234	4380	3945	1026	1289
361	Feb-19	ECL	G8	3670	5376	5127	3840	3519	1536	1608
362	Feb-19	ECL	G8	3729	5257	5022	4030	3592	1227	1430
363	Feb-19	ECL	G8	3307	5456	5140	4090	3643	1366	1498
364	Feb-19	ECL	G8	3597	5399	5147	3780	3386	1619	1761
365	Feb-19	ECL	G8	3682	5333	5113	4110	3622	1223	1491
366	Feb-19	ECL	G8	3184	5336	5109	3130	2880	2206	2229
367	Feb-19	ECL	G8	3666	5310	5049	3310	2961	2000	2088
368	Feb-19	ECL	G8	3170	5449	5074	4370	3829	1079	1245
369	Feb-19	ECL	G8	3873	5265	4997	4410	3855	855	1142
370	Feb-19	ECL	G8	3790	5304	4971	4500	4026	804	945
371	Feb-19	ECL	G8	4060	5266	4902	4680	4201	586	701
372	Feb-19	ECL	G08	3826	5351	5065	4110	3627	1241	1437
373	Mar-19	ECL	G08	3844	3714	3531	3660	3337	54	195
374	Mar-19	ECL	G08	3859	6273	6163	3420	3059	2853	3104
375	Mar-19	ECL	G08	3562	4969	4708	3280	2955	1689	1752
376	Mar-19	ECL	G08	3749	4975	4767	4640	4123	335	644
377	Mar-19	ECL	G07	3716	4814	4528	4310	3928	504	599

378	Mar-19	CCL	WC	3892	4322	4101	4150	3736	172	365
379	Mar-19	ECL	G07	3866	4954	4713	4280	3878	674	835
380	Mar-19	ECL	G07	3708	4987	4850	3500	3185	1487	1665
381	Mar-19	ECL	G07	3552	4995	4833	4030	3715	965	1118
382	Mar-19	ECL	G07	3672	5145	4886	4230	3766	915	1119
383	Mar-19	ECL	G07	3336	5112	4885	3290	2954	1822	1931
384	Mar-19	ECL	G07	3546	5005	4781	3940	3637	1065	1144
385	Mar-19	ECL	G07	3509	5138	4940	4360	4019	778	920
386	Mar-19	ECL	G07	3486	5026	4797	3990	3545	1036	1252
387	Mar-19	ECL	G07	3183	6283	6120	3890	3505	2393	2614
388	Mar-19	ECL	G07	3846	4935	4836	3890	3570	1045	1267
389	Mar-19	ECL	G07	3232	4940	4812	2540	2301	2400	2511
390	Mar-19	ECL	G07	3680	4994	4628	4350	3920	644	707
391	Mar-19	ECL	G07	3056	5010	4767	2890	2581	2120	2186
392	Mar-19	ECL	G8	3594	4909	4667	4630	4308	279	359
393	Mar-19	ECL	G8	2277	5016	4629	3890	3655	1126	974
394	Mar-19	ECL	G8	3934	5053	4852	4180	3944	873	908
395	Mar-19	ECL	G8	3799	4927	4675	4250	3989	677	686
396	Mar-19	ECL	G8	2127	4958	4704	4270	4003	688	701
397	Mar-19	ECL	G8	3698	4927	4760	4380	4133	547	627
398	Mar-19	ECL	G8	1846	5190	5033	5380	5022	-190	11
399	Mar-19	ECL	G8	3211	5007	4781	5020	4595	-13	185
400	Mar-19	ECL	G8	3747	4997	4714	5180	4820	-183	-105
401	Mar-19	ECL	G8	3536	4884	4638	3420	3184	1464	1454
402	Mar-19	ECL	G8	3378	5057	4762	3590	3336	1467	1426
403	Mar-19	ECL	G8	3023	4839	4496	3210	3062	1629	1435
404	Mar-19	ECL	G8	3865	5015	4671	3750	3525	1265	1146
405	Mar-19	ECL	G8	3645	5215	5015	4640	4255	575	760
406	Mar-19	ECL	G8	2593	4994	4766	4360	3999	634	767
407	Apr-19	ECL	G8	3145	4714	4481	4800	4443	-86	38
408	Apr-19	ECL	G8	3763	4894	4648	4300	3888	594	760
409	Apr-19	ECL	G8	3820	4722	4548	4670	4274	52	274
410	Apr-19	ECL	G8	3329	4744	4578	2370	2153	2374	2425
411	Apr-19	ECL	G7	622	5879	5568	3740	3543	2139	2025
412	Apr-19	ECL	G7	1257	5680	5380	4250	3965	1430	1415
413	Apr-19	ECL	G7	739	5779	5465	4190	4114	1589	1351
414	Apr-19	ECL	G7	582	5847	5589	4300	4008	1547	1581
415	Apr-19	ECL	G8	2736	4832	4601	4690	4272	142	328
416	Apr-19	ECL	G8	3803	4712	4355	4560	4200	152	154
417	Apr-19	ECL	G8	3933	5059	4750	4350	3984	709	766
418	Apr-19	ECL	G7	1371	5787	5383	3380	3132	2407	2251
419	Apr-19	ECL	G5	876	6136	5711	4610	4382	1526	1329
420	Apr-19	ECL	G5	1626	6174	5904	3600	3333	2574	2571
421	Apr-19	ECL	G8	3821	4829	4539	4710	4408	119	131
422	Apr-19	ECL	G5	2147	6148	5829	3730	3533	2418	2296
423	Apr-19	ECL	G7	862	5791	5428	3810	3561	1981	1867
424	Apr-19	ECL	G7	682	5769	5514	3250	3091	2519	2423
425	Apr-19	ECL	G8	3151	4826	4636	3030	2808	1796	1828
426	Apr-19	ECL	G7	3602	5160	4960	2890	2740	2270	2219

427	Apr-19	ECL	G7	2160	5139	4948	4100	3819	1039	1130
428	Apr-19	ECL	G7	3665	5096	4931	4230	3824	866	1107
429	Apr-19	ECL	G7	3030	5232	5044	4020	3781	1212	1263
430	Apr-19	ECL	G7	3838	5146	5055	4680	4415	466	640
431	Apr-19	ECL	G7	3659	5148	4950	4490	4245	658	705
432	Apr-19	ECL	G7	3994	5039	4851	4780	4486	259	366
433	Apr-19	ECL	G7	3826	5166	4872	4420	4122	746	750
434	Apr-19	ECL	G7	3512	5172	5046	4130	3954	1042	1091
435	Apr-19	ECL	G7	3412	5064	4786	4112	3887	952	899
436	Apr-19	ECL	G7	3227	5154	5062	3770	3463	1384	1599
437	May-19	ECL	G7	3461	5038	4904	3720	3398	1318	1506
438	May-19	ECL	G7	3853	4988	4678	4230	3796	758	882
439	May-19	ECL	G7	3673	5061	4718	3910	3598	1151	1120
440	May-19	ECL	G7	3482	5145	4744	3010	2796	2135	1948
441	May-19	ECL	G7	3583	5276	4881	4420	4096	856	785
442	May-19	ECL	G7	3733	5103	4813	3200	2914	1903	1898
443	May-19	ECL	G7	3165	5083	4905	4500	4111	583	794
444	May-19	ECL	G7	4212	5248	5058	3880	3652	1368	1406
445	May-19	ECL	G5	1677	6497	6028	3510	3393	2987	2635
446	May-19	ECL	G5	767	6520	6050	3680	3535	2840	2515
447	May-19	ECL	G5	577	6519	6039	3220	3067	3299	2972
448	May-19	ECL	G7	581	5517	5083	3340	3157	2177	1926
449	May-19	ECL	G7	3875	5055	4851	4010	3795	1045	1056
450	May-19	ECL	G7	3680	5136	4946	3810	3573	1326	1373
451	May-19	ECL	G7	3077	5104	4930	4190	3938	914	992
452	May-19	ECL	G7	3687	5255	5096	3890	3593	1365	1503
453	May-19	ECL	G7	3137	5213	5124	4140	3777	1073	1347
454	May-19	ECL	G7	3769	5252	5117	3800	3461	1452	1656
455	May-19	ECL	G7	4058	5199	5005	3800	3431	1399	1574
456	May-19	ECL	G7	4030	5155	4893	3700	3406	1455	1488
457	May-19	ECL	G7	3944	5188	4936	4050	3756	1138	1180
458	May-19	ECL	G7	3979	5259	5008	3370	3074	1889	1935
459	May-19	ECL	G7	3766	5142	4987	3930	3588	1212	1399
460	May-19	ECL	G7	3222	5295	5143	3790	3568	1505	1575
461	May-19	ECL	G7	3638	5083	4955	3850	3545	1233	1410
462	May-19	ECL	G7	3687	5202	5013	3590	3368	1612	1645
463	May-19	ECL	G7	3553	5064	4945	4210	3957	854	988
464	May-19	ECL	G7	3650	5352	5242	4020	3793	1332	1449
465	May-19	ECL	G7	3671	5157	5012	3820	3513	1337	1499
466	May-19	ECL	G7	3579	5147	4986	3310	3017	1837	1969
467	May-19	ECL	G7	720	5438	5131	3160	2958	2278	2173
468	May-19	ECL	G7	943	5488	5190	3430	3239	2058	1952
469	May-19	ECL	G5	1982	6277	5884	3310	3078	2967	2806
470	May-19	ECL	G7	3681	5213	5142	4530	4206	683	935
471	Jun-19	ECL	G7	3597	5333	5130	2740	2522	2593	2609
472	Jun-19	ECL	G7	3868	5336	5149	3300	3070	2036	2079
473	Jun-19	ECL	G7	3944	5311	5109	4030	3726	1281	1383
474	Jun-19	ECL	G7	3899	5320	5149	3030	2815	2290	2333
475	Jun-19	ECL	G7	3876	5382	5102	3480	3221	1902	1882

476	Jun-19	ECL	G7	3739	5376	5055	3360	3053	2016	2002
477	Jun-19	ECL	G7	3902	6201	5839	3900	3571	2301	2268
478	Jun-19	ECL	G7	3501	5347	5049	3720	3532	1627	1518
479	Jun-19	ECL	G7	3617	5369	5044	3110	2947	2259	2097
480	Jun-19	ECL	G7	3686	5328	4993	4280	4006	1048	987
481	Jun-19	ECL	G7	3761	5405	5086	3460	3251	1945	1835
482	Jun-19	ECL	G7	3711	5397	5097	3350	3088	2047	2009
483	Jun-19	ECL	G7	3954	5426	5094	3400	3125	2026	1970
484	Jun-19	ECL	G7	3860	5389	5084	4340	4094	1049	991
485	Jun-19	ECL	G7	3557	5416	5162	3480	3230	1936	1932
486	Jun-19	ECL	G7	3654	5340	5056	3520	3260	1820	1797
487	Jun-19	ECL	G7	3997	5287	4981	3920	3641	1367	1339
488	Jun-19	ECL	G7	3948	5334	5131	3010	2803	2324	2327
489	Jun-19	ECL	G7	4003	5400	5099	3590	3243	1810	1856
490	Jun-19	ECL	G7	4166	5362	5087	3750	3259	1612	1828
491	Jun-19	ECL	G7	3610	5298	5156	2470	2269	2828	2888
492	Jun-19	ECL	G7	3730	5389	5024	3990	3674	1399	1350
493	Jun-19	ECL	G7	3785	5358	5189	3470	3145	1888	2044
494	Jul-19	ECL	G7	4068	5418	5254	3790	3533	1628	1721
495	Jul-19	ECL	G7	3892	5317	5122	3410	3172	1907	1950
496	Jul-19	ECL	G7	3420	5379	5048	3790	3435	1589	1613
497	Jul-19	ECL	G7	3416	5419	5228	3760	3446	1659	1781
498	Jul-19	ECL	G7	3360	5314	5158	3560	3211	1754	1947
499	Jul-19	ECL	G7	3773	5450	5094	3750	3389	1700	1704
500	Jul-19	ECL	G7	3309	5346	5054	3090	2763	2256	2291
501	Jul-19	ECL	G7	3470	5329	5054	3580	3209	1749	1844
502	Jul-19	ECL	G7	4123	5385	5233	3640	3252	1745	1981
503	Jul-19	ECL	G7	3800	5343	5154	3680	3341	1663	1813
504	Jul-19	ECL	G7	3711	5387	5080	3420	3119	1967	1961
505	Jul-19	ECL	G7	3193	5386	5099	3030	2725	2356	2374
506	Aug-19	ECL	G7	4279	5273	4877	3020	2700	2253	2177
507	Aug-19	ECL	G7	3987	5392	5215	3330	3035	2062	2180
508	Aug-19	ECL	G7	3810	5293	5003	3370	3022	1923	1980
509	Aug-19	ECL	G8	3356	5389	5056	3260	2925	2129	2131
510	Aug-19	ECL	G8	3487	5158	4829	3550	3192	1608	1637
511	Aug-19	ECL	G8	3868	5380	4966	3940	3548	1440	1418
512	Aug-19	ECL	G8	4180	5491	5121	3430	3078	2061	2043
513	Aug-19	ECL	G8	3944	5268	4918	3430	3083	1838	1834
514	Aug-19	ECL	G8	3376	5468	5144	3720	3320	1748	1824
515	Aug-19	ECL	G8	3746	5424	5112	3720	3359	1704	1753
516	Sep-19	ECL	G7	3627	5283	5020	3270	2957	2013	2062
517	Sep-19	ECL	G7	3591	5391	5011	3890	3327	1501	1684
518	Oct-19	ECL	G7	3803	5212	4949	3220	2916	1992	2033
519	Oct-19	ECL	G7	3701	5218	4903	3530	3144	1688	1760
520	Oct-19	ECL	G7	4129	5121	4745	3510	3165	1611	1580
521	Oct-19	ECL	G7	3821	5139	4811	3330	2961	1809	1850
522	Oct-19	ECL	G7	3421	5151	4793	3100	2679	2051	2115
523	Oct-19	ECL	G7	4002	5193	4766	3580	3202	1613	1564
524	Oct-19	ECL	G8	3647	5248	4896	2750	2425	2498	2471

525	Oct-19	ECL	G8	3771	5171	4898	3050	2691	2121	2206
526	Oct-19	ECL	G8	3669	5106	4768	3170	2840	1936	1928
527	Oct-19	ECL	G8	3016	5147	4779	3480	3077	1667	1701
528	Nov-19	ECL	G7	3798	5183	4940	3640	3257	1543	1683
529	Nov-19	ECL	G7	3742	5119	4783	3410	3094	1709	1689
530	Nov-19	BCCL	WIV	3658	5440	5270	4210	3917	1230	1353
531	Nov-19	ECL	G7	4015	5184	4862	3170	2837	2014	2025
532	Nov-19	ECL	G7	3216	5213	4876	3620	3265	1593	1611
533	Nov-19	BCCL	WIV	3653	5180	5112	3080	2809	2100	2303
534	Nov-19	BCCL	WIV	3999	5864	5747	3710	3534	2154	2213
535	Nov-19	BCCL	WIV	3945	5778	5690	3840	3144	1938	2546
536	Nov-19	BCCL	WIV	3902	5742	5670	3560	3326	2182	2345
537	Nov-19	BCCL	WIV	4149	5826	5754	3450	3189	2376	2565
538	Nov-19	BCCL	WIV	3929	5692	5631	3160	2851	2532	2780
539	Nov-19	BCCL	WIV	3763	5680	5605	4200	3936	1480	1669
540	Nov-19	BCCL	WIV	3943	5700	5625	3620	3351	2080	2274
541	Nov-19	BCCL	WIV	3965	5699	5609	4230	3854	1469	1755
542	Nov-19	BCCL	WIII	3080	3244	3158	2880	2673	364	485
543	Nov-19	BCCL	WIV	3987	5800	5725	4220	-128	1580	5853
544	Nov-19	BCCL	WIV	3542	5600	5504	4330	4025	1270	1479
545	Nov-19	BCCL	WIII	2502	5479	5479	3540	3229	1939	2250
546	Nov-19	BCCL	WIII	1019	3273	3191	3540	3229	-267	-38
547	Nov-19	BCCL	WIII	3164	3326	3191	3380	3106	-54	85
548	Nov-19	BCCL	WIV	3916	5705	5604	4370	4188	1335	1416
549	Nov-19	BCCL	WIII	706	6024	5625	3300	3011	2724	2614
550	Nov-19	BCCL	WIV	691	6282	5895	3300	3008	2982	2887
551	Nov-19	BCCL	WIII	2664	4102	3953	3200	2953	902	1000
552	Nov-19	BCCL	WIV	4064	5770	5648	3520	3178	2250	2470
553	Nov-19	BCCL	WIII	2632	3160	3108	2960	2749	200	359
554	Nov-19	BCCL	WIII	1193	3295	3206	2960	2749	335	457
555	Nov-19	BCCL	WIV	4027	5763	5698	4010	3301	1753	2397
556	Nov-19	ECL	G8	3991	5138	5034	3170	2953	1968	2080
557	Nov-19	BCCL	WIII	2827	3192	3132	3410	2801	-218	332
558	Nov-19	BCCL	WIII	827	6050	5903	3410	2801	2640	3102
559	Nov-19	BCCL	WIII	2767	4883	4924	2670	2508	2213	2416
560	Nov-19	BCCL	WIII	971	6050	5879	2670	2508	3380	3371
561	Nov-19	BCCL	WIV	3898	5530	5430	4410	4205	1120	1225
562	Nov-19	BCCL	WIV	3928	5767	5674	3910	3503	1857	2171
563	Nov-19	BCCL	WIV	3939	5768	5605	3850	3531	1918	2074
564	Dec-19	BCCL	WIV	3972	5816	5688	3710	3407	2106	2280
565	Dec-19	ECL	G8	4006	5407	5209	3240	3031	2167	2178
566	Dec-19	BCCL	WIV	3976	4643	4568	4420	4108	223	460
567	Dec-19	BCCL	WIV	1409	6456	6247	3430	3134	3026	3114
568	Dec-19	BCCL	WIII	2670	5493	5299	3540	3223	1953	2076
569	Dec-19	BCCL	WIV	4105	5220	5188	3780	3439	1440	1749
570	Dec-19	BCCL	WIII	2054	5497	5283	2640	2449	2857	2834
571	Dec-19	BCCL	WIV	1520	5493	5185	2870	2687	2623	2499
572	Dec-19	BCCL	WIII	715	5481	5106	3810	3557	1671	1549
573	Dec-19	BCCL	WIV	3978	5803	5714	3800	3511	2003	2203

574	Dec-19	ECL	G8	3537	3041	2890	3660	3317	-619	-427
575	Dec-19	BCCL	WIV	4166	5754	5640	3330	3166	2424	2474
576	Dec-19	ECL	G8	3815	5155	4903	3330	3011	1825	1892
577	Dec-19	BCCL	WIV	2641	5670	5493	4520	4223	1150	1270
578	Dec-19	BCCL	WIV	1360	5467	5308	4050	3739	1417	1569
579	Dec-19	BCCL	WIV	4233	5749	5659	3480	3206	2269	2454
580	Dec-19	ECL	G8	3697	5230	4973	3220	3034	2010	1939
581	Dec-19	BCCL	WIV	4145	5220	5141	3430	3124	1790	2016
582	Dec-19	ECL	G8	3876	5154	4922	3050	2784	2104	2139
583	Dec-19	BCCL	WIV	4230	5833	5742	3270	3084	2563	2657
584	Dec-19	BCCL	WIV	4275	5796	5714	4060	3785	1736	1929
585	Dec-19	ECL	G8	4013	5152	4716	2850	2540	2302	2176
586	Dec-19	BCCL	WIV	4001	5430	5332	3960	3649	1470	1682
587	Dec-19	BCCL	WIV	4070	5824	5738	3870	3571	1954	2166
588	Dec-19	ECL	G8	3910	5260	4859	3060	2771	2200	2088
589	Dec-19	BCCL	WIV	1096	5529	5284	3050	2752	2479	2533
590	Dec-19	ECL	G8	3288	5120	4916	3690	3224	1430	1692
591	Dec-19	BCCL	WIV	4056	5804	5725	4150	3945	1654	1780
592	Dec-19	ECL	G8	3993	5241	5032	3590	3121	1651	1911
593	Dec-19	BCCL	WIV	1778	5440	5363	4120	3841	1320	1522
594	Dec-19	BCCL	WIV	2180	5630	5568	4250	3920	1380	1648
595	Dec-19	BCCL	WIV	3874	5400	5291	4690	4377	710	914
596	Dec-19	BCCL	WIV	952	5140	5037	3780	3433	1360	1603
597	Dec-19	BCCL	WIV	3165	5749	5654	3780	3433	1969	2220
598	Dec-19	ECL	G8	3862	5164	4978	3660	3249	1504	1729
599	Dec-19	ECL	G8	4135	5170	4963	3220	2864	1950	2099
600	Dec-19	BCCL	WIV	4105	5370	5283	3610	3327	1760	1956
601	Dec-19	BCCL	WIV	3860	5350	5248	3270	3008	2080	2240
602	Dec-19	ECL	G8	3920	5343	5058	4050	3720	1293	1338
603	Dec-19	BCCL	WIV	4304	5590	5505	3710	3402	1880	2103
604	Dec-19	ECL	G8	4079	5096	4796	3730	3418	1366	1378
605	Dec-19	BCCL	WIV	937	5590	5511	4480	4185	1110	1326
606	Dec-19	BCCL	WIV	942	5500	5434	4060	3748	1440	1685
607	Dec-19	BCCL	WIV	1914	5710	5658	4880	4436	830	1222
608	Dec-19	BCCL	WIV	3952	6443	6354	4340	4077	2103	2277
609	Dec-19	BCCL	WIV	3836	5719	5641	4100	3827	1619	1814
610	Dec-19	BCCL	WIV	3746	5180	5086	4650	4359	530	728
611	Dec-19	ECL	G8	3851	5376	5090	3910	3570	1466	1520
612	Dec-19	BCCL	WIV	3247	5892	5770	4040	3804	1852	1966
613	Dec-19	BCCL	WIV	676	5819	5712	4040	3804	1779	1908
614	Dec-19	ECL	G8	3557	5245	4932	3560	3213	1685	1720
615	Dec-19	ECL	G8	3565	5106	4972	3980	3600	1126	1372
616	Dec-19	ECL	G8	4019	5383	5194	3570	3229	1813	1965
617	Dec-19	ECL	G8	3816	5351	4999	3350	2994	2001	2005
618	Dec-19	ECL	G8	4006	5229	5006	3630	3220	1599	1786
619	Dec-19	ECL	G7	3958	5312	5047	4080	3667	1232	1379
620	Dec-19	ECL	G7	4021	5315	5057	3730	3410	1585	1647
621	Dec-19	ECL	G7	3649	5325	5089	3170	2865	2155	2224
622	Dec-19	ECL	G7	3866	5331	5097	3720	3366	1611	1731

623	Dec-19	ECL	G7	3723	5357	5137	3920	3542	1437	1595
624	Dec-19	ECL	G7	3816	5357	5069	3950	3504	1407	1565
625	Dec-19	ECL	G7	3596	5341	5161	3950	3359	1391	1802
626	Dec-19	ECL	G07	4102	5424	5106	3770	3444	1654	1662
627	Dec-19	ECL	G04	1203	6100	5697	4610	3950	1490	1747
628	Dec-19	ECL	G04	2490	5840	5608	5200	4447	640	1162
629	Jan-20	ECL	G07	4179	5365	5080	3850	3522	1515	1558
630	Jan-20	ECL	G07	4076	5372	5063	3400	2987	1972	2075
631	Jan-20	ECL	G07	3302	5340	5099	3840	3446	1500	1653
632	Jan-20	ECL	G07	4062	5361	5086	3970	3557	1391	1529
633	Jan-20	ECL	G07	3931	5254	5049	3540	3126	1714	1923
634	Jan-20	ECL	G07	3675	5328	5096	3740	3349	1588	1748
635	Jan-20	ECL	G07	3629	5363	4848	3090	2684	2273	2164
636	Jan-20	ECL	G07	3806	5353	5093	3370	2964	1983	2129
637	Jan-20	ECL	G07	3835	5281	4960	3750	3360	1531	1601
638	Jan-20	ECL	G07	3821	5387	5080	3720	3332	1667	1748
639	Jan-20	ECL	G07	3634	5442	5260	2760	2507	2682	2753
640	Jan-20	ECL	G07	3661	5361	5239	3400	3064	1961	2176
641	Jan-20	ECL	G07	3849	5298	4948	3190	2885	2108	2063
642	Jan-20	ECL	G07	3011	5353	4922	3230	3003	2123	1919
643	Jan-20	ECL	G07	3267	5298	5131	2640	2436	2658	2695
644	Jan-20	ECL	G07	4250	5360	5081	3320	3060	2040	2021
645	Jan-20	ECL	G07	2955	5288	5162	3250	2971	2038	2191
646	Jan-20	ECL	G07	3278	5314	5102	3210	3040	2104	2062
647	Jan-20	ECL	G07	3354	5368	5222	3300	3031	2068	2191
648	Jan-20	ECL	G07	3938	5303	5034	3320	3052	1983	1981
649	Jan-20	ECL	G07	4002	5203	5008	3410	3111	1793	1897
650	Jan-20	ECL	G07	3766	5371	5234	3680	3346	1691	1888
651	Jan-20	ECL	G07	3596	5381	5148	3400	2999	1981	2149
652	Jan-20	ECL	G07	4045	5260	5106	3820	3491	1440	1614
653	Jan-20	ECL	G07	3830	5341	5172	3770	3414	1571	1758
654	Jan-20	ECL	G07	3594	5288	5171	3470	3110	1818	2061
655	Feb-20	ECL	G07	4105	5237	5066	3490	3235	1747	1831
656	Feb-20	ECL	G07	3898	5332	5143	3740	3412	1592	1731
657	Feb-20	ECL	G07	4076	5196	4990	3580	3197	1616	1793
658	Feb-20	ECL	G07	1379	3210	2897	3420	3096	-210	-199
659	Feb-20	ECL	G05	680	5801	5285	3420	3096	2381	2190
660	Feb-20	ECL	G05	634	5864	5356	3420	3096	2444	2261
661	Feb-20	ECL	G07	1517	4490	4067	3420	3096	1070	971
662	Feb-20	ECL	G07	4037	5659	5687	2880	2588	2779	3099
663	Feb-20	ECL	G07	3159	5290	4993	2840	2584	2450	2409
664	Feb-20	ECL	G07	4167	5141	4904	2990	2680	2151	2224
665	Feb-20	ECL	G07	3777	5250	5056	2590	2387	2660	2669
666	Feb-20	ECL	G07	3842	5149	4932	3010	2698	2139	2234
667	Feb-20	ECL	G07	3448	5476	5305	3590	3287	1886	2018
668	Feb-20	ECL	G07	4072	5245	5081	3700	3345	1545	1737
669	Feb-20	ECL	G07	3928	5255	5084	3170	2854	2085	2230
670	Feb-20	ECL	G07	3944	5297	5003	3420	3114	1877	1890
671	Feb-20	ECL	G07	3915	5184	5101	3990	3666	1194	1435

672	Feb-20	ECL	G04	3784	6128	5695	4880	4479	1248	1216
673	Feb-20	ECL	G05	202	6220	5876	4030	3744	2190	2132
674	Feb-20	ECL	G08	3447	5304	5183	3820	3420	1484	1763
675	Feb-20	ECL	G07	3928	5306	5125	3510	3177	1796	1948
676	Feb-20	ECL	G07	4111	5302	5197	3290	3036	2012	2161
677	Feb-20	ECL	G07	3931	6116	6091	3350	3051	2766	3040
678	Feb-20	ECL	G07	4245	5354	5192	3340	2980	2014	2213
679	Feb-20	ECL	G07	2618	5156	4939	3050	2700	2106	2239
680	Feb-20	ECL	G07	4031	5295	5181	3180	2847	2115	2334
681	Feb-20	ECL	G07	1325	5290	4880	2820	2543	2470	2337
682	Feb-20	ECL	G07	1362	5364	5033	2560	2328	2804	2705
683	Feb-20	ECL	G07	1287	5465	5004	2850	2543	2615	2462
684	Feb-20	ECL	G07	4162	5491	5390	3420	3133	2071	2257
685	Feb-20	ECL	G07	3980	5305	5202	3260	3025	2045	2176
686	Feb-20	ECL	G04	3379	6190	5743	4960	4483	1230	1260
687	Feb-20	ECL	G07	3899	5286	5192	3800	3473	1486	1720
688	Feb-20	ECL	G07	3937	5334	5253	3540	3269	1794	1984
689	Feb-20	ECL	G07	4059	5936	6023	3640	3207	2296	2816
690	Feb-20	ECL	G07	4378	5105	4962	3580	3085	1525	1876
691	Feb-20	ECL	G07	3911	5076	4868	3370	3076	1706	1792
692	Feb-20	ECL	G07	3740	5299	5148	3560	3170	1739	1978
693	Feb-20	ECL	G07	3420	5249	5128	3490	3163	1759	1965
694	Feb-20	ECL	G04	4037	6084	5740	4240	3806	1844	1933
695	Feb-20	ECL	G07	3839	5312	5133	3790	3482	1522	1652
696	Mar-20	ECL	G07	3828	5271	5183	3900	3538	1371	1645
697	Mar-20	ECL	G07	4034	5017	4845	3580	3277	1437	1568
698	Mar-20	ECL	G08	3874	5088	4988	3270	2957	1818	2030
699	Mar-20	ECL	G05	742	4280	3994	1940	1770	2340	2224
700	Mar-20	ECL	G06	842	3710	3362	3360	3116	350	246
701	Mar-20	ECL	G07	1252	5563	5123	2800	2516	2763	2608
702	Mar-20	ECL	G05	1160	3740	3416	2860	2681	880	735
703	Mar-20	ECL	G07	1017	5690	5097	3210	3023	2480	2074
704	Mar-20	ECL	G07	984	3670	3358	2800	2571	870	787
705	Mar-20	ECL	G05	683	3250	2987	2640	2391	610	596
706	Mar-20	ECL	G08	3824	5284	5204	3500	3330	1784	1874
707	Mar-20	ECL	G07	4033	5335	5196	2760	2532	2575	2664
708	Mar-20	ECL	G07	3849	5232	5042	3450	3140	1782	1903
709	Mar-20	ECL	G07	2254	5639	5156	3830	3574	1809	1583
710	Mar-20	ECL	G07	1444	5614	5098	2990	2741	2624	2358
711	Mar-20	ECL	G07	575	5662	5157	3250	2979	2412	2177
712	Mar-20	ECL	G07	971	5680	5309	3540	3169	2140	2139
713	Mar-20	ECL	G07	1308	5703	5274	3400	3106	2303	2167
714	Mar-20	ECL	G07	821	5565	5136	4100	3681	1465	1455
715	Mar-20	ECL	G05	645	5506	5077	3160	2836	2346	2242
716	Mar-20	ECL	G07	4023	5165	5009	3530	3186	1635	1823
717	Mar-20	ECL	G07	3193	5195	4961	3790	3416	1405	1544
718	Mar-20	ECL	G07	1096	5656	5184	2660	2498	2996	2686
719	Mar-20	ECL	G05	643	5929	5486	3770	3506	2159	1980
720	Mar-20	ECL	G07	1387	5659	5207	3374	3093	2285	2114

721	Mar-20	ECL	G07	3457	5271	5028	3870	3451	1401	1577
722	Mar-20	ECL	G07	717	5577	5087	3380	3049	2197	2039
723	Mar-20	ECL	G07	1794	5666	5255	3260	2944	2406	2311
724	Mar-20	ECL	G07	1481	5575	5071	3420	3119	2155	1953
725	Mar-20	ECL	G07	4182	5394	5131	3060	2808	2334	2323
726	Mar-20	ECL	G07	3745	5259	5066	2900	2656	2359	2410
727	Mar-20	ECL	G07	3484	5321	5174	3750	3395	1571	1779
728	Mar-20	ECL	G07	3908	5235	5030	3060	2763	2175	2267
729	Mar-20	ECL	G07	4079	5243	5002	3110	2751	2133	2250
730	Mar-20	ECL	G07	566	5658	5208	3010	2674	2648	2533
731	Mar-20	ECL	G5	1284	5662	5320	2830	2581	2832	2740
732	Mar-20	ECL	G07	4025	5260	5107	3710	3321	1550	1786
733	Mar-20	ECL	G05	2592	6516	6042	4430	3685	2086	2356
734	Mar-20	ECL	G05	1316	6322	5802	3930	3292	2392	2509
735	Mar-20	ECL	G07	4062	5216	4996	2650	2363	2566	2633
736	Mar-20	ECL	G07	3930	5254	4984	2520	2294	2734	2690
737	Mar-20	ECL	G05	3699	6265	5684	4140	3798	2125	1886
738	Mar-20	ECL	G07	3297	5303	4906	3410	3107	1893	1799
739	Mar-20	ECL	G04	3823	6159	5761	5120	4653	1039	1108
740	Mar-20	ECL	G05	865	5248	4883	4590	4251	658	632
741	Mar-20	ECL	G05	2548	5362	5065	4210	3840	1152	1225
742	Mar-20	ECL	G07	3947	5323	5021	3610	3328	1713	1693
743	Mar-20	ECL	G07	4056	5254	4985	3140	2898	2114	2088
744	Mar-20	ECL	G07	3214	5314	5218	3290	3028	2024	2191
745	Mar-20	CCL	G8	2037	5564	5254	4600	4256	964	998
746	Mar-20	CCL	G9	1949	5126	4914	4600	4256	526	658
747	Mar-20	CCL	G6	1284	4865	4685	4320	4051	545	634
748	Mar-20	CCL	G8	1336	4662	4476	4320	4051	342	425
749	Mar-20	CCL	G7	1339	4788	4473	4320	4051	468	422
750	Mar-20	ECL	G07	3858	5271	5073	3480	3264	1791	1809
751	Mar-20	ECL	G07	3787	5505	5258	2320	2190	3185	3068
752	Mar-20	CCL	G5	1194	5397	4986	3790	3443	1607	1543
753	Mar-20	CCL	G11	1183	4811	4609	3790	3443	1021	1166
754	Mar-20	CCL	G13	1858	4254	3941	3790	3443	464	498
755	Mar-20	CCL	G8	1916	4886	4797	4220	3845	666	951
756	Mar-20	CCL	G7	2071	4955	4833	4220	3845	735	988
757	Mar-20	BCCL	W1V	3484	4900	4836	3130	2982	1770	1854
758	Mar-20	ECL	G07	4033	5173	5204	2780	2591	2393	2613
759	Mar-20	ECL	G07	3200	5303	5248	3550	3349	1753	1900
760	Mar-20	CCL	G5	1117	5031	4613	4630	4107	401	505
761	Mar-20	CCL	G11	1007	4445	4206	4630	4107	-185	99
762	Mar-20	CCL	G13	1788	3790	3563	4630	4107	-840	-545
763	Mar-20	BCCL	W1V	1350	5600	5448	3460	3235	2140	2212
764	Mar-20	BCCL	WV	2614	5560	5381	4120	3814	1440	1566
765	Mar-20	CCL	G5	1016	4880	4490	4190	3820	690	670
766	Mar-20	CCL	G11	1164	4164	3998	4190	3820	-26	179
767	Mar-20	CCL	G13	1743	4196	3893	4190	3820	6	73
768	Mar-20	CCL	WR5	3696	3790	3709	3330	3104	460	605
769	Mar-20	BCCL	W1V	4008	5432	5154	4290	4038	1142	1116

770	Mar-20	CCL	G5	1275	5679	5241	4280	3944	1399	1296
771	Mar-20	CCL	G11	1361	4147	3920	4280	3944	-133	-24
772	Mar-20	CCL	G13	1291	3914	3562	4280	3944	-366	-382
773	Mar-20	CCL	WR3	2211	4920	4791	3840	3641	1080	1150
774	Mar-20	CCL	WR4	1887	4660	4556	3840	3641	820	915
775	Mar-20	CCL	WR5	4069	4160	4080	3110	2956	1050	1124
776	Mar-20	CCL	WR5	4051	4060	3974	3115	2939	945	1035
777	Mar-20	CCL	WR5	4393	4060	3974	3690	3485	370	489
778	Apr-20	CCL	WR5	3922	4590	4497	3210	2976	1380	1521
779	Apr-20	CCL	WR5	1458	4490	4408	3950	3750	540	658
780	Apr-20	CCL	WR4	2680	4670	4604	3950	3750	720	854
781	Jul-20	CCL	G12	3867	4504	4232	3540	3124	964	1108
782	Jul-20	CCL	G12	4051	3668	3269	3120	2721	548	547
783	Jul-20	CCL	WV	4097	4510	4405	3700	3484	810	921
784	Jul-20	CCL	G12	3955	3535	3178	3300	2821	235	357
785	Jul-20	CCL	WV	2200	4960	4794	4070	3852	890	942
786	Jul-20	CCL	WIV	687	5270	5104	4070	3852	1200	1252
787	Jul-20	CCL	G13	3804	3651	3490	3270	2968	381	522
788	Jul-20	CCL	WVI	810	4520	4433	3790	3551	730	882
789	Jul-20	CCL	WV	3301	4530	4434	3790	3551	740	882
790	Jul-20	CCL	G7	1410	4805	4495	4280	3825	525	670
791	Jul-20	CCL	G11	888	4157	3991	4280	3825	-123	166
792	Jul-20	CCL	G13	1524	3196	2987	4280	3825	-1084	-838
793	Jul-20	CCL	G12	3945	3507	3159	3010	2684	497	476
794	Jul-20	CCL	G12	3816	3640	3250	3080	2731	560	519
795	Jul-20	CCL	G12	3659	4171	3830	3140	2783	1031	1046
796	Jul-20	CCL	G12	3677	4141	3781	3210	2815	931	966
797	Jul-20	CCL	G12	3938	4061	3728	3260	2834	801	894
798	Jul-20	CCL	G12	4181	4090	3758	3030	2619	1060	1138
799	Jul-20	CCL	G12	4004	3928	3584	2930	2552	998	1032
800	Jul-20	CCL	G12	4223	3849	3543	3180	2776	669	768
801	Jul-20	CCL	G12	4130	3559	3249	3190	2709	369	541
802	Jul-20	CCL	G12	4215	3965	3584	3245	2777	720	807
803	Jul-20	CCL	G12	4000	3609	3248	3270	2838	339	410
804	Jul-20	CCL	G12	4014	3511	3135	3180	2790	331	344
805	Jul-20	CCL	G12	3990	3412	3094	3360	2923	52	171
806	Jul-20	CCL	G12	3974	3529	3225	3120	2636	409	589
807	Jul-20	CCL	WV	3720	4667	4602	4010	3794	657	807
808	Jul-20	CCL	WV	3883	4690	4595	4120	3781	570	814
809	Jul-20	CCL	G12	3965	3283	2982	3150	2777	133	205
810	Jul-20	CCL	WV	4115	4373	4301	4590	4343	-217	-42
811	Jul-20	CCL	WV	4023	4250	4177	3910	3684	340	493
812	Jul-20	CCL	G12	3974	3641	3289	3220	2851	421	438
813	Jul-20	CCL	WV	4024	4310	4218	3780	3584	530	634
814	Jul-20	CCL	WV	4059	4580	4496	4150	3876	430	621
815	Jul-20	CCL	G12	4026	3662	3270	3305	2857	357	414
816	Jul-20	CCL	WV	4081	4820	4718	4270	4084	550	634
817	Jul-20	CCL	WV	3464	4710	4605	4020	3849	690	757
818	Jul-20	CCL	WVI	138	4240	4158	4020	3849	220	310

819	Jul-20	CCL	G12	4042	4274	3891	3178	2790	1096	1101
820	Jul-20	CCL	WV	4162	4790	4688	4140	3939	650	750
821	Jul-20	CCL	G12	4095	4122	3739	3210	2791	912	947
822	Jul-20	CCL	G12	4167	4078	3725	3100	2723	978	1002
823	Jul-20	CCL	WV	4016	4992	4906	3900	3711	1092	1196
824	Jul-20	CCL	G12	4075	4064	3734	3100	2748	964	986
825	Jul-20	CCL	G12	4017	4029	3667	3010	2675	1019	991
826	Jul-20	CCL	WV	3846	4630	4566	4520	4268	110	298
827	Jul-20	CCL	G12	4102	3507	3186	3100	2621	407	565
828	Jul-20	CCL	G12	4102	3525	3165	3210	2673	315	492
829	Jul-20	NCL	G10	3785	4460	4019	3810	3406	650	612
830	Jul-20	CCL	G12	3913	3443	3123	3650	3142	-207	-19
831	Jul-20	CCL	G12	3877	3478	3173	3890	3331	-412	-158
832	Aug-20	CCL	WV	4089	4280	4189	4070	3855	210	334
833	Aug-20	CCL	WV	3988	4060	3978	4390	4118	-330	-140
834	Aug-20	NCL	G10	3857	4030	3603	4240	3714	-210	-111
835	Aug-20	CCL	G12	3958	3605	3377	3490	2950	115	427
836	Aug-20	CCL	G12	3995	3823	3499	3380	2861	443	639
837	Aug-20	CCL	WV	4046	4989	4882	4230	3939	759	943
838	Aug-20	CCL	WIV	2957	4770	4707	4120	3866	650	841
839	Aug-20	CCL	WV	1034	4440	4368	4120	3866	320	502
840	Aug-20	CCL	WIV	2902	4843	4787	3600	3418	1243	1369
841	Aug-20	CCL	WV	1007	4900	4820	3600	3418	1300	1402
842	Aug-20	CCL	WV	3931	4796	4684	4180	3998	616	685
843	Aug-20	CCL	WV	3551	4610	4494	4190	3919	420	575
844	Aug-20	CCL	WIV	3192	5250	5165	4010	3795	1240	1370
845	Aug-20	CCL	WV	654	5110	5054	4010	3795	1100	1259
846	Aug-20	CCL	WV	3752	4540	4417	4480	4214	60	203
847	Aug-20	CCL	WIV	2942	4790	4717	4170	3916	620	801
848	Aug-20	CCL	WV	1022	4880	4820	4170	3916	710	905
849	Aug-20	CCL	G12	3942	4164	3745	3490	2936	674	809
850	Aug-20	CCL	G12	4072	3409	3206	3170	2647	239	559
851	Aug-20	CCL	G12	4028	3328	3037	3310	2787	18	249
852	Aug-20	CCL	G8	4002	5190	4750	4570	4273	620	477
853	Aug-20	CCL	G8	3994	4930	4586	4350	3989	580	597
854	Aug-20	CCL	WV	4155	4370	4211	3890	3685	480	526
855	Aug-20	CCL	WV	4138	4712	4570	4070	3806	642	765
856	Aug-20	CCL	WV	4006	4584	4474	4080	3915	504	560
857	Aug-20	CCL	G12	4224	3818	3437	3290	2914	528	523
858	Sep-20	CCL	G12	3782	3185	2952	3171	2768	14	184
859	Sep-20	CCL	G12	3835	3531	3182	3223	2796	308	385
860	Sep-20	CCL	G12	3870	3067	2782	3143	2684	-76	99
861	Sep-20	CCL	G12	3793	3320	2991	3270	2798	50	193
862	Sep-20	CCL	G12	3869	2360	2111	3219	2831	-859	-720
863	Sep-20	CCL	G12	4016	2768	2502	3320	2860	-552	-358
864	Sep-20	CCL	G12	3946	3852	3509	3780	3686	72	-176
865	Sep-20	NCL	G10	3770	4241	3852	4210	3702	31	150
866	Sep-20	NCL	G10	3833	4350	3924	4220	3803	130	121
867	Sep-20	CCL	G10	3754	3331	3011	3263	2849	68	163

868	Sep-20	CCL	G10	3982	4692	4397	3280	2849	1412	1547
869	Sep-20	CCL	G10	4118	4599	4281	3250	2890	1349	1391
870	Sep-20	CCL	G10	4094	4707	4392	3350	2957	1357	1435
871	Sep-20	BCCL	WIV	3718	2748	2690	3735	3542	-987	-852
872	Sep-20	CCL	G11	4091	3856	3510	3055	2699	801	811
873	Sep-20	CCL	G11	4076	3892	3535	3156	2807	736	728
874	Sep-20	CCL	G11	4070	4067	3779	3826	3516	241	263
875	Sep-20	BCCL	WIV	3814	3621	3585	4149	3973	-528	-388
876	Sep-20	CCL	G11	4125	4554	4246	3203	2806	1351	1440
877	Sep-20	CCL	G11	4198	4273	3963	3360	2904	913	1058
878	Sep-20	BCCL	WIV	3812	4056	3995	3781	3624	275	371
879	Sep-20	CCL	G11	4154	4166	3745	3159	2738	1007	1007
880	Sep-20	CCL	G11	4206	4129	3768	3026	2629	1103	1139
881	Sep-20	BCCL	WIV	3947	4260	4170	3663	3426	597	744
882	Sep-20	BCCL	WIV	4005	4880	4781	3839	3667	1041	1114
883	Sep-20	BCCL	WIV	4050	5467	5368	3439	3233	2028	2134
884	Sep-20	BCCL	WIV	3715	5546	5467	3720	3580	1826	1887
885	Sep-20	CCL	G12	3767	5107	4773	3702	3207	1405	1566
886	Sep-20	CCL	G12	3805	5221	4881	3519	3046	1702	1835
887	Sep-20	BCCL	WIV	3928	4448	4367	3875	3721	573	646
888	Sep-20	BCCL	WIV	3786	5181	5134	3773	3639	1408	1495
889	Sep-20	CCL	G12	3768	5303	5041	3702	3198	1601	1842
890	Sep-20	CCL	G12	3970	5252	4992	3655	3032	1597	1960
891	Sep-20	CCL	G12	4013	4616	4297	3545	3109	1071	1188
892	Sep-20	BCCL	WIV	4033	4020	3943	3945	3697	75	245
893	Sep-20	CCL	G12	3970	3646	3325	3726	3192	-80	133
894	Sep-20	BCCL	WIV	4098	5035	4844	3869	3728	1166	1117
895	Sep-20	CCL	G12	3933	4170	3785	3261	2866	909	919
896	Sep-20	BCCL	WIV	4016	5408	5225	4089	3811	1319	1414
897	Sep-20	BCCL	WIV	3937	5524	5304	4298	3556	1226	1748
898	Sep-20	CCL	G12	3831	4503	4151	3853	3278	650	873
899	Sep-20	CCL	G12	3824	4536	4155	3476	2970	1060	1186
900	Sep-20	BCCL	WIV	3875	6013	5846	3816	3548	2197	2298
901	Sep-20	BCCL	WIV	3943	5724	5573	3742	3479	1982	2093
902	Sep-20	CCL	G12	4148	4166	3866	3809	3110	357	757
903	Sep-20	BCCL	WIV	4022	5648	5478	3475	3136	2173	2343
904	Sep-20	CCL	G06	2392	4910	4566	4014	3612	896	954
905	Sep-20	CCL	WIV	1383	5115	4761	4014	3612	1101	1149
906	Sep-20	CCL	NCWP	3903	3946	3694	3977	3448	-31	246
907	Sep-20	BCCL	WIV	3979	5318	5176	3960	3614	1358	1562
908	Sep-20	CCL	G06	2603	4942	4454	4025	3502	917	952
909	Sep-20	CCL	WIV	1385	5127	4873	4025	3502	1102	1371
910	Sep-20	CCL	NCWP	4107	4101	3919	4164	3569	-63	351
911	Sep-20	BCCL	WIV	3780	3556	3458	4149	3922	-593	-465
912	Sep-20	CCL	G09	3423	4871	4710	4633	4228	238	482
913	Sep-20	CCL	G11	564	3789	3542	4633	4228	-844	-686
914	Sep-20	CCL	G12	4014	4277	3988	3722	3186	555	802
915	Sep-20	BCCL	WIV	3772	5581	5407	4418	4159	1163	1248
916	Sep-20	BCCL	WIV	3755	5742	5615	4209	3940	1533	1674

917	Sep-20	CCL	G12	3924	4536	4155	3386	2962	1150	1193
918	Sep-20	CCL	NCWP	4181	4548	4238	3962	3593	586	645
919	Sep-20	BCCL	WIV	3896	5851	5704	3992	3729	1859	1975
920	Sep-20	CCL	G11	2137	4124	3952	3743	3394	381	558
921	Sep-20	CCL	G13	1993	3583	3224	3743	3394	-160	-171
922	Sep-20	BCCL	WIV	4116	5605	5463	4139	3924	1466	1539
923	Sep-20	CCL	G06	1717	4646	4320	3734	3443	912	877
924	Sep-20	CCL	WIV	2349	4974	4836	3734	3443	1240	1392
925	Sep-20	BCCL	WIV	3875	5601	5465	4186	3957	1415	1508
926	Sep-20	CCL	G06	2383	4411	4115	3707	3368	704	748
927	Sep-20	CCL	WIV	1755	5211	5093	3707	3368	1504	1725
928	Oct-20	CCL	G12	4167	5193	4803	3264	2858	1929	1945
929	Oct-20	CCL	G12	4102	5183	4731	3438	2940	1745	1791
930	Oct-20	BCCL	WIV	3931	5484	5335	3743	3511	1741	1824
931	Oct-20	CCL	G12	4128	3989	3648	3393	2926	596	722
932	Oct-20	CCL	G12	4117	4311	3861	3348	2788	963	1074
933	Oct-20	CCL	G06	1795	4050	3661	3742	3399	308	262
934	Oct-20	CCL	WIV	2205	4853	4627	3742	3399	1111	1228
935	Oct-20	BCCL	WIV	4023	5669	5526	3707	3482	1962	2044
936	Oct-20	CCL	G06	1924	4832	4491	4038	3669	794	822
937	Oct-20	CCL	WIV	1817	4659	4539	4038	3669	621	870
938	Oct-20	CCL	G12	4024	4662	4335	3251	2796	1411	1539
939	Oct-20	CCL	G06	1781	5107	4659	3918	3574	1189	1085
940	Oct-20	CCL	WIV	2317	5263	5023	3918	3574	1345	1449
941	Oct-20	CCL	G12	3997	4407	4121	3330	2815	1077	1306
942	Oct-20	CCL	G06	2726	4324	4105	3659	3319	665	786
943	Oct-20	CCL	WIV	1152	4640	4443	3659	3319	981	1124
944	Oct-20	BCCL	WIV	1691	5033	5012	4601	4308	432	704
945	Oct-20	BCCL	WV	2628	4445	4367	4601	4308	-156	59
946	Oct-20	CCL	G06	2348	5138	4679	3705	3450	1433	1229
947	Oct-20	CCL	WIV	1490	4995	4593	3705	3450	1290	1143
948	Oct-20	BCCL	WIV	3864	5602	5444	4408	4172	1194	1272
949	Oct-20	BCCL	WIV	3650	5665	5500	3612	3378	2053	2122
950	Oct-20	CCL	G06	2239	4683	4263	3978	3653	705	610
951	Oct-20	CCL	WIV	1592	4775	4488	3978	3653	797	835
952	Oct-20	BCCL	WIV	1881	3575	3545	4883	4644	-1308	-1099
953	Oct-20	BCCL	WV	2241	4804	4726	4883	4644	-79	82
954	Oct-20	CCL	G12	3938	4242	3883	3305	2800	937	1083
955	Oct-20	BCCL	WIV	2282	4444	4372	4938	4679	-494	-307
956	Oct-20	BCCL	WV	1752	4168	4120	4938	4679	-770	-559
957	Oct-20	CCL	G06	1499	4257	4040	4258	3858	-1	182
958	Oct-20	CCL	WIV	2501	4314	4132	4258	3858	56	274
959	Oct-20	CCL	G12	4069	4319	3912	3676	3101	643	811
960	Oct-20	CCL	G06	1874	5138	4745	4417	4044	721	701
961	Oct-20	CCL	WIV	2007	4756	4524	4417	4044	339	479
962	Oct-20	CCL	G12	3880	4770	4364	3582	3071	1188	1293
963	Oct-20	BCCL	WIV	1389	4354	4270	4341	4104	13	166
964	Oct-20	BCCL	WV	2415	4930	4850	4341	4104	589	745
965	Oct-20	CCL	G06	1825	5367	5164	4167	3871	1200	1293

966	Oct-20	CCL	WIV	2017	5327	5086	4167	3871	1160	1215
967	Oct-20	CCL	G12	4006	3393	3076	3627	3237	-234	-161
968	Oct-20	BCCL	WIV	1723	5391	5312	4626	4392	765	919
969	Oct-20	BCCL	WV	2328	4020	3971	4626	4392	-606	-421
970	Oct-20	CCL	G12	3913	4141	3866	3540	3128	601	737
971	Oct-20	CCL	G12	3926	4840	4436	3410	2995	1430	1441
972	Oct-20	BCCL	WIV	3766	5566	5380	4108	3834	1458	1547
973	Oct-20	CCL	G12	3882	5101	4677	3421	2980	1680	1697
974	Oct-20	CCL	G12	3949	5005	4633	3287	2899	1718	1733
975	Oct-20	CCL	G12	4073	5040	4692	3649	3169	1391	1523
976	Oct-20	CCL	G12	4058	5086	4639	3553	3120	1533	1519
977	Oct-20	BCCL	WIV	3913	5452	5336	4007	3740	1445	1596
978	Oct-20	BCCL	WIV	1721	4707	4644	4229	3994	478	650
979	Oct-20	BCCL	WV	2520	4558	4457	4229	3994	329	463
980	Oct-20	CCL	G12	4083	3715	3385	3550	3082	165	303
981	Oct-20	CCL	G12	4250	3749	3399	3513	3090	236	309
982	Oct-20	CCL	G12	4120	3827	3521	3493	3082	334	439
983	Oct-20	CCL	G12	4004	3984	3656	3708	3267	276	389
984	Oct-20	CCL	G06	1970	4947	4651	3824	3579	1123	1072
985	Oct-20	CCL	WIV	2097	3533	3410	3824	3579	-291	-169
986	Oct-20	BCCL	WIV	3930	5496	5280	3939	3656	1557	1624
987	Oct-20	CCL	G12	4098	4011	3685	3540	3104	471	580
988	Oct-20	CCL	G12	4162	3325	3018	3451	3054	-126	-36
989	Oct-20	CCL	G06	2197	4783	4561	4154	3880	629	681
990	Oct-20	CCL	WIV	1731	3590	3475	4154	3880	-564	-404
991	Oct-20	BCCL	WIV	3656	5868	5726	4498	4294	1370	1432
992	Oct-20	BCCL	WIV	3730	5578	5404	3883	3678	1695	1725
993	Oct-20	CCL	G06	1647	4382	4144	4297	4005	85	139
994	Oct-20	CCL	WIV	2352	4081	3913	4297	4005	-216	-91
995	Oct-20	BCCL	WIV	4116	5615	5451	4383	4080	1232	1370
996	Oct-20	CCL	G12	4145	3077	2799	3601	3151	-524	-353
997	Oct-20	CCL	G06	2407	4573	4305	4330	3945	243	360
998	Oct-20	CCL	WIV	1371	4933	4780	4330	3945	603	835
999	Oct-20	CCL	G12	4100	3076	2830	3920	3475	-844	-644
1000	Oct-20	BCCL	WIV	773	4400	4325	4424	4192	-24	133
1001	Oct-20	BCCL	WV	3276	3957	3869	4424	4192	-467	-322
1002	Oct-20	CCL	G12	4001	3925	3545	3610	3191	315	354
1003	Oct-20	CCL	G12	3942	3656	3249	3136	2779	520	470
1004	Oct-20	BCCL	WIV	689	4321	4221	3738	3496	583	725
1005	Oct-20	BCCL	WV	3368	4435	4373	3738	3496	697	877
1006	Oct-20	BCCL	WIV	528	5843	5716	4185	3914	1658	1802
1007	Oct-20	BCCL	WV	3293	4323	4268	4185	3914	138	353
1008	Oct-20	CCL	G12	3951	3395	3095	3623	3100	-228	-5
1009	Oct-20	CCL	G12	3955	3532	3183	3639	3145	-107	38
1010	Oct-20	CCL	G06	3755	5031	4825	4193	3869	838	955
1011	Oct-20	CCL	WIV	283	4802	4603	4193	3869	609	734
1012	Oct-20	BCCL	WIV	1156	4299	4217	3820	3596	479	622
1013	Oct-20	BCCL	WV	2888	4023	3949	3820	3596	203	353
1014	Oct-20	CCL	G06	3830	5182	5227	4329	3957	853	1270

1015	Oct-20	CCL	G06	3772	4513	4201	4413	4090	100	111
1016	Oct-20	CCL	WV	3016	4861	4744	5136	4841	-275	-97
1017	Oct-20	CCL	WIV	1038	4932	4803	5136	4841	-204	-38
1018	Oct-20	CCL	G12	3854	3435	3171	3987	3421	-552	-250
1019	Oct-20	CCL	G12	3952	3444	3164	3609	3193	-165	-30
1020	Oct-20	CCL	WIV	3962	4269	4093	4144	3959	125	134
1021	Oct-20	BCCL	WIV	1485	5033	4893	4455	4266	578	627
1022	Oct-20	BCCL	WV	2344	4597	4486	4455	4266	142	220
1023	Oct-20	CCL	NCWP	3600	4258	4049	4022	3690	236	359
1024	Oct-20	BCCL	WIV	1608	4480	4406	3732	3581	748	824
1025	Oct-20	BCCL	WV	2383	3660	3589	3732	3581	-72	8
1026	Oct-20	CCL	G12	4085	3080	2810	3670	3186	-590	-376
1027	Oct-20	CCL	G12	4106	3080	2812	3571	3154	-491	-342
1028	Oct-20	BCCL	WIV	1915	5299	5203	5292	4977	7	226
1029	Oct-20	BCCL	WV	1966	5218	5129	5292	4977	-74	152
1030	Oct-20	CCL	G12	4212	3995	3780	3636	3222	359	558
1031	Oct-20	CCL	G12	3973	3474	3163	3530	3110	-56	53
1032	Oct-20	CCL	NCWP	3554	4375	4165	3734	3355	641	810
1033	Oct-20	CCL	G12	4185	3580	3238	3176	2814	404	424
1034	Oct-20	CCL	G12	4282	3376	3086	3634	3200	-258	-114
1035	Oct-20	CCL	G06	3927	5013	4844	4274	3943	739	901
1036	Oct-20	CCL	NCWP	3573	4275	4068	3903	3618	372	451
1037	Oct-20	CCL	G12	4079	3238	2954	3025	2718	213	235
1038	Oct-20	CCL	G12	3799	3446	3128	3566	3173	-120	-45
1039	Oct-20	CCL	G06	3665	4807	4532	4202	3837	605	695
1040	Oct-20	BCCL	WIV	434	3910	3812	3991	3750	-81	62
1041	Oct-20	BCCL	WV	3300	4551	4469	3991	3750	560	719
1042	Oct-20	BCCL	WIV	1586	5775	5653	4656	4375	1119	1278
1043	Oct-20	BCCL	WV	2402	4436	4337	4656	4375	-220	-38
1044	Oct-20	CCL	G12	3855	3478	3215	3766	3273	-288	-58
1045	Oct-20	CCL	G12	3765	3461	3229	3711	3232	-250	-3
1046	Oct-20	CCL	G12	3870	2593	2368	3814	3328	-1221	-961
1047	Oct-20	CCL	G12	3944	2988	2686	3133	2760	-145	-75
1048	Oct-20	BCCL	WIV	4145	5660	5517	3678	3422	1982	2095
1049	Oct-20	BCCL	WIV	1069	4615	4571	4550	4312	65	259
1050	Oct-20	BCCL	WV	2984	4502	4450	4550	4312	-48	138
1051	Oct-20	CCL	G06	3996	4490	4252	4360	4000	130	252
1052	Oct-20	CCL	G12	4159	3345	3043	3232	2862	113	181
1053	Oct-20	CCL	G12	4261	3033	2783	3494	3085	-461	-302
1054	Nov-20	BCCL	WIV	1141	4608	4527	5156	4828	-548	-301
1055	Nov-20	BCCL	WV	2953	4695	4634	5156	4828	-461	-194
1056	Nov-20	BCCL	WIV	4094	5687	5526	3631	3399	2056	2127
1057	Nov-20	CCL	G12	4005	3779	3500	3192	2836	587	663
1058	Nov-20	CCL	G06	4083	5845	5598	4578	4242	1267	1357
1059	Nov-20	CCL	G12	4037	3912	3682	3125	2806	787	876
1060	Nov-20	BCCL	WIV	695	4256	4190	4196	3954	60	236
1061	Nov-20	BCCL	WV	3373	3993	3908	4196	3954	-203	-46
1062	Nov-20	CCL	G12	4053	3785	3463	2660	2263	1125	1200
1063	Nov-20	BCCL	WIV	142	3745	3677	3724	3475	21	202

1064	Nov-20	BCCL	WV	3928	3989	3921	3724	3475	265	445
1065	Nov-20	CCL	G12	4070	3868	3552	2524	2183	1344	1369
1066	Nov-20	CCL	G06	3836	4967	4738	4082	3749	885	989
1067	Nov-20	BCCL	WIV	352	4631	4549	3736	3528	895	1021
1068	Nov-20	BCCL	WV	3710	3943	3903	3736	3528	207	375
1069	Nov-20	CCL	G12	3918	4016	3726	2744	2394	1272	1331
1070	Nov-20	CCL	G12	3830	3950	3637	2505	2103	1445	1534
1071	Nov-20	BCCL	WIV	4002	5573	5449	3568	3330	2005	2119
1072	Nov-20	CCL	G06	3966	5092	4819	4110	3785	982	1035
1073	Nov-20	CCL	G12	3874	3259	2934	3043	2701	216	233
1074	Nov-20	CCL	G12	3860	3895	3630	2494	2247	1401	1383
1075	Nov-20	BCCL	WIV	138	3050	3012	3933	3643	-883	-631
1076	Nov-20	BCCL	WV	3864	4238	4158	3933	3643	305	515
1077	Nov-20	BCCL	WIV	3901	5559	5441	3031	2850	2528	2591
1078	Nov-20	BCCL	WV	3994	4252	4182	3937	3683	315	499
1079	Nov-20	CCL	G06	3961	5007	4742	4173	3834	834	908
1080	Nov-20	CCL	G12	3886	3669	3358	2494	2247	1175	1112
1081	Nov-20	CCL	G12	3890	4003	3773	3054	2720	949	1053
1082	Nov-20	BCCL	WIV	1645	3951	3886	4277	4083	-326	-197
1083	Nov-20	BCCL	WV	2244	3561	3523	4277	4083	-716	-560
1084	Nov-20	CCL	G12	3814	4307	4011	3217	2815	1090	1196
1085	Nov-20	CCL	G12	3881	2978	2737	3034	2677	-56	60
1086	Nov-20	CCL	G06	3736	4902	4722	3808	3678	1094	1044
1087	Nov-20	BCCL	WIV	4002	5517	5416	3336	3167	2181	2249
1088	Nov-20	BCCL	WIV	1470	4510	4458	4399	4185	111	273
1089	Nov-20	BCCL	WV	2453	3675	3586	4399	4185	-724	-599
1090	Nov-20	CCL	G12	3957	3778	3406	2982	2670	796	736
1091	Nov-20	BCCL	WIV	129	4164	4104	4057	3812	107	293
1092	Nov-20	BCCL	WV	3634	3576	3531	4057	3812	-481	-280
1093	Nov-20	CCL	G12	3752	3323	3048	2868	2549	455	499
1094	Nov-20	CCL	G12	3914	3167	2908	2842	2565	325	344
1095	Nov-20	CCL	G12	3897	3030	2793	3212	2828	-182	-35
1096	Nov-20	CCL	G12	3894	3013	2757	3036	2757	-23	0
1097	Nov-20	BCCL	WV	3931	4009	3954	3731	3509	278	445
1098	Nov-20	CCL	G12	3871	3621	3263	3344	2930	277	333
1099	Nov-20	BCCL	WIV	396	3942	3870	4007	3793	-65	77
1100	Nov-20	BCCL	WV	3500	4263	4192	4007	3793	256	400
1101	Nov-20	CCL	G12	3903	3607	3275	2908	2562	699	713
1102	Nov-20	CCL	G09	538	4338	4012	3790	3585	548	427
1103	Nov-20	CCL	G11	3305	4212	3909	3790	3585	422	324
1104	Nov-20	CCL	G06	3877	4921	4784	4163	3890	758	894
1105	Nov-20	BCCL	WIV	4002	5659	5528	3725	3574	1934	1954
1106	Nov-20	CCL	G09	3807	4355	4051	5045	4558	-690	-507
1107	Nov-20	CCL	G06	4011	4908	4705	4237	3936	671	769
1108	Nov-20	BCCL	WIV	884	3862	3814	4241	4014	-379	-200
1109	Nov-20	BCCL	WV	3075	4155	4080	4241	4014	-86	67
1110	Nov-20	CCL	G11	4002	2951	2706	2897	2751	54	-45
1111	Nov-20	CCL	G06	3967	4797	4623	4587	4251	210	372
1112	Nov-20	BCCL	WIV	3815	5670	5544	3219	3020	2451	2524

1113	Nov-20	BCCL	WIV	345	3435	3357	4064	3920	-629	-563
1114	Nov-20	BCCL	WV	3657	3041	2996	4064	3920	-1023	-924
1115	Nov-20	CCL	G12	3811	3524	3223	3189	2790	335	433
1116	Nov-20	CCL	G12	3798	3636	3341	3088	2734	548	607
1117	Nov-20	CCL	G06	3710	5164	4818	4476	4079	688	738
1118	Nov-20	BCCL	WIV	1377	5681	5572	3835	3602	1846	1970
1119	Nov-20	BCCL	WIV	2610	5623	5487	3838	3636	1785	1851
1120	Nov-20	BCCL	WIV	3933	5542	5413	3098	2919	2444	2494
1121	Nov-20	CCL	G09	3902	4346	4053	4492	3987	-146	66
1122	Nov-20	BCCL	WIV	2929	5647	5562	4160	3954	1487	1607
1123	Nov-20	BCCL	WIV	1024	5680	5594	4083	3831	1597	1763
1124	Nov-20	CCL	G12	3795	3426	3145	3590	3125	-164	20
1125	Nov-20	CCL	G06	3739	5613	5308	4600	4214	1013	1095
1126	Nov-20	CCL	G12	3813	3402	3121	3101	2737	301	385
1127	Nov-20	CCL	G12	3741	3458	3139	3052	2647	406	493
1128	Nov-20	BCCL	WIV	3674	5712	5568	3743	3661	1969	1907
1129	Nov-20	BCCL	WIV	2601	5544	5488	4363	4195	1181	1293
1130	Nov-20	BCCL	WIV	1372	5516	5421	4226	4038	1290	1383
1131	Nov-20	CCL	G12	3714	3433	3140	2806	2486	627	655
1132	Nov-20	CCL	G12	3804	3249	3012	2850	2453	399	558
1133	Nov-20	CCL	G06	3825	5070	4816	4198	3863	872	954
1134	Nov-20	BCCL	WIV	3659	5581	5435	3399	3162	2182	2273
1135	Nov-20	BCCL	WIV	2611	5667	5633	4152	3921	1515	1711
1136	Nov-20	BCCL	WIV	1379	5720	5679	3839	3653	1881	2027
1137	Nov-20	CCL	G12	3240	3344	3070	3021	2699	323	371
1138	Nov-20	CCL	G12	3760	3398	3095	3513	3106	-115	-11
1139	Nov-20	CCL	G12	3764	3556	3250	3344	2933	212	317
1140	Nov-20	BCCL	WIV	2522	5663	5611	4211	3968	1452	1643
1141	Nov-20	BCCL	WIV	1335	5550	5511	4476	4250	1074	1261
1142	Nov-20	CCL	G06	3702	5190	4761	4511	4241	679	519
1143	Nov-20	CCL	G12	3690	3437	3139	3194	2782	243	357
1144	Nov-20	CCL	G12	3830	3471	3152	3646	3175	-175	-23
1145	Nov-20	CCL	G12	3825	3310	3025	3248	2876	62	149
1146	Nov-20	CCL	G12	3810	3227	2968	3701	3284	-474	-316
1147	Nov-20	BCCL	WIV	3056	5513	5435	3849	3616	1664	1819
1148	Nov-20	BCCL	WIV	627	5745	5699	3957	3749	1788	1949
1149	Nov-20	CCL	G12	3848	3208	2945	3253	2848	-45	97
1150	Nov-20	BCCL	WIV	3866	5310	5208	3080	2887	2230	2321
1151	Nov-20	CCL	G12	3587	3169	2919	3296	2780	-127	140
1152	Nov-20	CCL	G12	3804	3789	3467	3077	2651	712	816
1153	Nov-20	BCCL	WIV	1369	5605	5475	4267	4034	1338	1441
1154	Nov-20	BCCL	WIV	2596	5632	5467	3841	3588	1791	1879
1155	Nov-20	CCL	G13	1561	3548	3204	4051	3667	-503	-464
1156	Nov-20	CCL	G11	2255	4156	3894	4051	3667	105	226
1157	Nov-20	BCCL	WIV	3632	5668	5496	3246	3091	2422	2404
1158	Nov-20	CCL	G12	3818	3113	2819	3498	2968	-385	-149
1159	Nov-20	CCL	G12	3789	3170	2862	3507	3064	-337	-202
1160	Nov-20	BCCL	WIV	3652	5736	5579	3407	3213	2329	2366
1161	Nov-20	CCL	WIV	1141	3767	3608	4295	3880	-528	-272

1162	Nov-20	CCL	G06	2873	4021	3806	4295	3880	-274	-75
1163	Nov-20	BCCL	WIV	2612	5578	5426	3886	3643	1692	1783
1164	Nov-20	BCCL	WIV	1380	5602	5483	3697	3496	1905	1988
1165	Nov-20	BCCL	WIV	3567	5694	5550	3685	3428	2009	2122
1166	Nov-20	CCL	G12	3815	3804	3482	3556	3077	248	405
1167	Nov-20	CCL	WIV	1564	4676	4471	4480	4069	196	402
1168	Nov-20	CCL	G06	2403	4718	4539	4480	4069	238	470
1169	Nov-20	CCL	G12	3709	3907	3600	3666	3153	241	447
1170	Nov-20	CCL	WV	3768	4677	4581	3928	3649	749	932
1171	Nov-20	CCL	WIV	1678	4234	3973	4088	3703	146	270
1172	Nov-20	CCL	G06	2084	4445	4115	4088	3703	357	411
1173	Nov-20	CCL	WIV	1829	4860	4729	4225	3837	635	893
1174	Nov-20	CCL	G06	2034	4776	4448	4225	3837	551	611
1175	Nov-20	CCL	G12	3809	3102	2839	3972	3337	-870	-497
1176	Nov-20	CCL	G12	3846	3228	2997	3478	3024	-250	-27
1177	Nov-20	BCCL	WIV	3892	5751	5553	3938	3659	1813	1894
1178	Nov-20	BCCL	WIV	2277	5607	5482	4118	3847	1489	1636
1179	Nov-20	BCCL	WIV	1725	5586	5450	4615	4320	971	1130
1180	Nov-20	CCL	G12	3814	3587	3307	3380	3003	207	304
1181	Nov-20	CCL	WIV	1268	5220	5038	4280	3980	940	1058
1182	Nov-20	CCL	G06	2366	4652	4325	4280	3980	372	345
1183	Nov-20	CCL	G12	3777	3444	3122	3490	3029	-46	92
1184	Nov-20	CCL	G12	3759	3989	3645	3343	2926	646	718
1185	Nov-20	CCL	G12	3822	3410	3144	2891	2600	519	543
1186	Nov-20	CCL	WIV	1912	5028	4857	4486	4119	542	738
1187	Nov-20	CCL	G06	1832	4862	4574	4486	4119	376	455
1188	Nov-20	BCCL	WIV	4036	5661	5523	3372	3137	2289	2387
1189	Nov-20	CCL	WIV	1891	5001	4868	4551	4166	450	702
1190	Nov-20	CCL	G06	1851	4829	4538	4551	4166	278	372
1191	Nov-20	CCL	G12	3657	3764	3411	3099	2725	665	685
1192	Nov-20	BCCL	WIV	1263	5632	5547	4126	3910	1506	1637
1193	Nov-20	BCCL	WIV	2377	5134	5061	4434	4121	700	940
1194	Nov-20	CCL	G12	3821	3772	3437	3774	3235	-2	202
1195	Nov-20	CCL	G12	3762	3730	3415	3786	3285	-56	130
1196	Nov-20	CCL	G12	3737	3891	3501	3330	2948	561	553
1197	Nov-20	BCCL	WIV	3474	5625	5477	3883	3568	1742	1909
1198	Nov-20	CCL	WIV	1917	5032	4918	4539	4147	493	771
1199	Nov-20	CCL	G06	2048	5085	4870	4539	4147	546	723
1200	Nov-20	BCCL	WIV	2046	5164	5049	4607	4351	557	698
1201	Nov-20	BCCL	WIV	1586	5055	4928	4489	4212	566	717
1202	Nov-20	CCL	G12	3515	4164	3767	3356	2899	808	868
1203	Nov-20	CCL	G12	3714	3824	3626	3314	2832	510	794
1204	Nov-20	CCL	G12	3710	3404	3125	3405	2970	-1	155
1205	Nov-20	BCCL	WIV	3659	5409	5273	4413	4119	996	1154
1206	Nov-20	CCL	WIV	2002	5508	5299	4568	4145	940	1154
1207	Nov-20	CCL	G06	1861	4683	4449	4392	4040	291	409
1208	Nov-20	CCL	WIV	1918	4754	4535	4287	3915	467	620
1209	Nov-20	CCL	G06	1968	5033	4784	4287	3915	746	869
1210	Nov-20	BCCL	WIV	3536	5514	5397	4149	3917	1365	1480

1211	Dec-20	CCL	G12	3849	3740	3412	3350	2850	390	562
1212	Dec-20	CCL	G12	3809	3585	3236	3800	3216	-215	19
1213	Dec-20	CCL	WIV	1820	5493	5229	4090	4115	1403	1114
1214	Dec-20	CCL	G06	2183	4920	4634	4090	4115	830	519
1215	Dec-20	BCCL	WIV	3594	5745	5554	3705	3379	2040	2175
1216	Dec-20	CCL	G12	3814	3705	3394	3439	2918	266	476
1217	Dec-20	BCCL	WIV	3437	5637	5489	3585	3309	2052	2180
1218	Dec-20	CCL	G12	3859	3709	3398	3240	2764	469	634
1219	Dec-20	CCL	G12	3812	3475	3176	3181	2737	294	439
1220	Dec-20	CCL	WIV	1966	4265	4142	4265	3792	0	350
1221	Dec-20	CCL	G06	1905	4865	4609	4265	3792	600	817
1222	Dec-20	CCL	G12	3866	3525	3244	3028	2595	497	650
1223	Dec-20	CCL	G12	3814	3182	3001	3107	2690	75	311
1224	Dec-20	BCCL	WV	3717	4755	4659	4049	3722	706	937
1225	Dec-20	BCCL	WIV	1891	5466	5339	4423	4109	1043	1230
1226	Dec-20	BCCL	WIV	1736	5558	5412	4131	3834	1427	1578
1227	Dec-20	CCL	G12	3800	2482	2238	2583	2261	-101	-23
1228	Dec-20	BCCL	WIV	3452	5608	5444	4425	4112	1183	1332
1229	Dec-20	CCL	G12	3804	2481	2270	2535	2177	-54	93
1230	Dec-20	BCCL	WIV	4002	5486	5364	3531	3278	1955	2086
1231	Dec-20	CCL	G12	3887	3223	2920	3156	2693	67	227
1232	Dec-20	CCL	G12	3798	2396	2200	2876	2469	-480	-269
1233	Dec-20	CCL	G12	3768	3447	3096	3329	2816	118	280
1234	Dec-20	CCL	G12	3878	3280	3006	3318	2834	-38	171
1235	Dec-20	CCL	G8	3249	5039	4819	5119	4597	-80	222
1236	Dec-20	CCL	G9	654	4120	3901	5119	4597	-999	-696
1237	Dec-20	CCL	G12	3870	3598	3227	3380	2858	218	369
1238	Dec-20	CCL	G12	3859	3429	3108	3100	2658	329	450
1239	Dec-20	CCL	G12	3828	3997	3804	3689	3167	308	637
1240	Dec-20	CCL	G12	3804	3613	3365	3389	2932	224	433
1241	Dec-20	CCL	G12	3972	3950	3755	3258	2795	692	960
1242	Dec-20	CCL	G12	3872	3893	3518	3423	2968	470	549
1243	Dec-20	CCL	G12	4223	3891	3626	3504	3027	387	599
1244	Dec-20	CCL	G12	4273	3900	3581	3432	2955	468	626
1245	Dec-20	CCL	G12	3978	3611	3444	3407	2930	204	514
1246	Dec-20	CCL	G12	4002	3433	3274	3204	2788	229	486
1247	Dec-20	CCL	G12	4002	3824	3482	3802	3264	22	218
1248	Dec-20	CCL	G12	3141	4036	3761	3288	2847	748	914
1249	Dec-20	CCL	G12	3993	3929	3638	3194	2778	735	860
1250	Dec-20	CCL	G12	3968	3775	3548	3136	2755	639	794
1251	Dec-20	CCL	G12	3511	4022	3726	2939	2576	1083	1150
1252	Dec-20	CCL	G12	3608	4027	3710	3706	3176	321	534
1253	Dec-20	CCL	G12	3578	3959	3566	3572	3089	387	478
1254	Dec-20	CCL	G12	3623	3942	3568	3627	3092	315	476
1255	Dec-20	CCL	WIV	1524	4711	4453	4175	3828	536	625
1256	Dec-20	CCL	G06	2457	5018	4718	4175	3828	843	890
1257	Dec-20	CCL	G12	3719	3974	3676	3345	2916	629	760
1258	Dec-20	CCL	G12	3742	4568	4209	3424	3009	1144	1201
1259	Dec-20	CCL	WIV	1764	4853	4672	4384	4025	469	647

1260	Dec-20	CCL	G06	2145	4521	4281	4384	4025	137	257
1261	Dec-20	CCL	WIV	1758	4837	4721	4289	3965	548	755
1262	Dec-20	CCL	G06	2280	3934	3723	4289	3965	-355	-243
1263	Dec-20	CCL	G12	3669	3837	3478	3557	3099	280	379
1264	Dec-20	CCL	G12	3567	4185	3862	3362	2913	823	950
1265	Dec-20	CCL	G12	3711	3812	3488	3250	2851	562	638
1266	Dec-20	CCL	G13	3448	3506	3234	3059	2638	447	596
1267	Dec-20	CCL	G13	3434	3521	3259	2830	2464	691	795
1268	Dec-20	CCL	G13	3663	4096	3755	3026	2583	1070	1172
1269	Dec-20	CCL	G13	3534	3576	3346	3225	2698	351	648
1270	Dec-20	CCL	G13	3426	3866	3551	3403	2911	463	641
1271	Dec-20	CCL	G13	3744	4005	3535	3143	2706	862	829
1272	Dec-20	CCL	G13	3754	3040	2845	3267	2781	-227	64
1273	Dec-20	CCL	G13	3785	2805	2585	3088	2674	-283	-89
1274	Dec-20	CCL	WIV	1726	4571	4447	4075	3668	496	779
1275	Dec-20	CCL	G06	2160	4281	4102	4075	3668	206	434
1276	Dec-20	CCL	WIV	1767	4887	4807	3950	3641	937	1166
1277	Dec-20	CCL	G06	2225	4660	4325	3950	3641	710	684
1278	Dec-20	CCL	G13	3814	4444	4106	3233	2773	1211	1333
1279	Dec-20	CCL	WIV	1634	5424	5201	4089	3742	1335	1459
1280	Dec-20	CCL	G06	1982	4360	4052	4089	3742	271	310
1281	Dec-20	CCL	G13	3367	3945	3585	3424	2978	521	607
1282	Dec-20	CCL	G13	3646	4454	4070	3461	3013	993	1057
1283	Dec-20	CCL	G13	3565	4297	3922	3802	3276	495	645
1284	Dec-20	CCL	WIV	1881	4876	4755	4415	4095	461	659
1285	Dec-20	CCL	G06	2110	4684	4415	4415	4095	269	319
1286	Dec-20	CCL	G13	3574	4096	3719	3587	3069	509	650
1287	Dec-20	CCL	G13	3765	4303	3906	3408	2959	895	947
1288	Dec-20	CCL	G13	3344	4286	3960	3336	2893	950	1067
1289	Dec-20	CCL	G13	3076	4576	4210	3397	2947	1179	1263
1290	Dec-20	CCL	G13	3504	4650	4328	3327	2908	1323	1421
1291	Dec-20	CCL	WIV	1798	4338	4164	4309	3905	29	259
1292	Dec-20	CCL	G06	2074	4833	4485	4309	3905	524	581
1293	Dec-20	CCL	G13	3803	4425	4426	3471	3002	954	1424
1294	Dec-20	BCCL	WIV	3312	5733	5576	4107	3861	1626	1715
1295	Dec-20	BCCL	WIV	690	5756	5592	3778	3563	1978	2029
1296	Dec-20	CCL	G13	3842	4384	4165	3273	2947	1111	1218
1297	Dec-20	CCL	G13	2718	3974	3716	3001	2687	973	1029
1298	Dec-20	CCL	G13	3638	3933	3661	2989	2680	944	981
1299	Dec-20	CCL	G13	3591	3743	3403	3117	2797	626	606
1300	Dec-20	BCCL	WIV	3087	5514	5436	4083	3830	1431	1606
1301	Dec-20	BCCL	WIV	646	5669	5452	3864	3593	1805	1859
1302	Dec-20	CCL	G13	3705	3709	3480	3326	2891	383	589
1303	Dec-20	CCL	G13	3886	4047	3681	3296	2846	751	835
1304	Dec-20	BCCL	WIV	4001	5571	5425	4169	3923	1402	1501
1305	Dec-20	CCL	G13	3458	4666	4384	3488	3011	1178	1373
1306	Dec-20	CCL	G13	3783	3956	3618	2876	2511	1080	1108
1307	Dec-20	BCCL	WIV	3272	5753	5567	4292	4036	1461	1531
1308	Dec-20	BCCL	WIV	665	5598	5445	4060	3834	1538	1611

1309	Dec-20	CCL	G13	3771	3913	3652	3340	2585	573	1066
1310	Dec-20	CCL	WIV	1404	4217	4117	3851	3518	366	600
1311	Dec-20	CCL	G06	2319	4755	4478	3851	3518	904	960
1312	Dec-20	CCL	G13	3785	3635	3280	3169	2751	466	529
1313	Dec-20	CCL	G13	3270	3941	3564	3522	3020	419	544
1314	Dec-20	CCL	G13	3838	4390	4085	3514	3042	876	1043
1315	Dec-20	CCL	G13	3770	4228	3728	3210	2792	1018	936
1316	Dec-20	CCL	G13	3734	3903	3757	3525	3053	378	704
1317	Dec-20	CCL	G09	1882	4441	4148	4472	4041	-31	107
1318	Dec-20	CCL	G08	2027	4646	4408	4472	4041	174	366
1319	Jan-21	CCL	G13	3668	3836	3466	3487	3031	349	435
1320	Jan-21	CCL	G13	3627	3841	3473	3095	2717	746	756
1321	Jan-21	CCL	G11	2586	4120	3914	3615	3292	505	623
1322	Jan-21	CCL	G12	1297	3715	3421	3615	3292	100	129
1323	Jan-21	CCL	WIV	1210	4505	4317	4516	4142	-11	175
1324	Jan-21	CCL	G06	2692	4669	4402	4516	4142	153	260
1325	Jan-21	CCL	WIV	1073	4580	4380	4008	3767	572	613
1326	Jan-21	CCL	G06	2772	4797	4532	4008	3767	789	765
1327	Jan-21	CCL	G08	2914	5312	5132	5051	4588	261	544
1328	Jan-21	CCL	G09	994	4697	4438	5051	4588	-354	-150
1329	Jan-21	CCL	G10	1344	4001	3731	3764	3365	237	366
1330	Jan-21	CCL	G11	1424	4305	4040	3764	3365	541	675
1331	Jan-21	CCL	G13	1324	3437	3170	3764	3365	-327	-196
1332	Jan-21	CCL	G13	3794	4400	4063	3698	3189	702	874
1333	Jan-21	CCL	G13	3593	4469	4178	3644	3511	825	667
1334	Jan-21	CCL	G13	3630	4148	3873	3396	2977	752	895
1335	Jan-21	CCL	G13	3698	4120	3715	3330	2889	790	826
1336	Jan-21	CCL	G13	3412	3886	3449	3570	3262	316	186
1337	Jan-21	CCL	G13	3712	3916	3540	3436	2973	480	567
1338	Jan-21	CCL	G13	3698	3911	3517	3391	2959	520	558
1339	Jan-21	CCL	G13	3663	4063	3674	3596	3121	467	553
1340	Jan-21	CCL	G13	3596	4104	3684	3379	2934	725	751
1341	Jan-21	CCL	G13	3837	4419	4020	3400	3015	1019	1005
1342	Jan-21	CCL	G13	3797	4184	3756	3429	2983	755	773
1343	Jan-21	CCL	G13	3748	4158	3775	3210	2792	948	983
1344	Jan-21	CCL	G13	3747	3763	3482	3408	2959	355	523
1345	Jan-21	CCL	G13	3833	4063	3644	3631	3116	432	528
1346	Jan-21	CCL	G13	3796	4152	3780	3942	3354	210	426
1347	Jan-21	CCL	G13	3783	4032	3595	3652	3137	380	457
1348	Jan-21	CCL	G13	3811	4182	3763	3895	3325	287	438
1349	Jan-21	CCL	G13	3717	4200	3862	3941	3329	259	532
1350	Jan-21	CCL	G13	3749	4160	3863	3754	3215	406	648
1351	Jan-21	CCL	G13	3717	4342	4006	3198	2698	1144	1308
1352	Jan-21	CCL	G10	3898	4559	4504	4106	3739	453	764
1353	Jan-21	CCL	G13	3794	3989	3665	3744	3204	245	461
1354	Jan-21	CCL	G13	3874	4014	3650	3790	3147	224	503
1355	Jan-21	CCL	G13	3786	3673	3383	3757	3190	-84	192
1356	Jan-21	CCL	G13	3799	3458	3166	3169	2726	289	440
1357	Jan-21	CCL	G13	3737	3667	3421	3470	3031	197	390

1358	Jan-21	CCL	G13	3812	3683	3356	3858	3314	-175	42
1359	Jan-21	CCL	G13	3834	3663	3318	3986	3479	-323	-161
1360	Jan-21	CCL	G09	3730	4100	3960	4340	3891	-240	69
1361	Jan-21	CCL	G13	3799	3479	3183	3768	3257	-289	-75
1362	Jan-21	CCL	G11	1892	3953	3826	3793	3369	160	456
1363	Jan-21	CCL	G13	2027	3965	3633	3793	3369	172	264
1364	Jan-21	CCL	G13	3881	3693	3338	3761	3186	-68	151
1365	Jan-21	CCL	G13	3843	3796	3394	3722	3178	74	216
1366	Jan-21	CCL	G13	3813	3806	3422	3476	2963	330	459
1367	Jan-21	CCL	G11	1892	4717	4318	3735	3364	982	954
1368	Jan-21	CCL	G13	1967	3514	3281	3735	3364	-221	-83
1369	Jan-21	CCL	G13	3732	3489	3233	4044	3509	-555	-276
1370	Jan-21	CCL	G13	3758	3621	3385	3918	3283	-297	102
1371	Jan-21	CCL	G13	3809	3503	3176	3892	3296	-389	-120
1372	Jan-21	CCL	G13	3789	3444	3222	3554	3049	-110	173
1373	Jan-21	CCL	G13	3030	3444	3060	3668	3134	-224	-74
1374	Feb-21	CCL	G13	3830	3641	3397	3597	3100	44	297
1375	Feb-21	CCL	WIV	2092	4412	4253	3558	3236	854	1017
1376	Feb-21	CCL	G06	1653	5240	5034	3558	3236	1682	1798
1377	Feb-21	CCL	G13	3874	3631	3449	3694	3158	-63	291
1378	Feb-21	CCL	G13	3925	3664	3334	3791	3243	-127	91
1379	Feb-21	CCL	G13	3854	3638	3323	3159	2722	479	601
1380	Feb-21	CCL	G11	3805	3724	3437	3421	2931	303	506
1381	Feb-21	CCL	G11	3808	3754	3469	3167	2744	587	725
1382	Feb-21	CCL	G11	3795	3645	3361	3366	2938	279	423
1383	Feb-21	CCL	G11	3802	3883	3608	2887	2491	996	1118
1384	Feb-21	CCL	G11	3808	3884	3596	3301	2899	583	697
1385	Feb-21	CCL	G11	3808	3737	3621	3388	3012	349	610
1386	Feb-21	CCL	G11	3818	3238	3131	3057	2685	181	446
1387	Feb-21	CCL	WIV	2054	4287	4186	4006	3796	281	390
1388	Feb-21	CCL	G06	1940	3720	3599	4006	3796	-286	-197
1389	Feb-21	CCL	WIV	1857	4253	4092	4229	3892	24	200
1390	Feb-21	CCL	G06	1882	4593	4472	4229	3892	364	581
1391	Feb-21	CCL	G07	987	4825	4547	4106	3807	719	740
1392	Feb-21	CCL	G08	1979	4739	4527	4106	3807	633	720
1393	Feb-21	CCL	G09	921	4985	4762	4106	3807	879	955
1394	Feb-21	CCL	WIV	1920	3991	3808	3607	3410	384	398
1395	Feb-21	CCL	G06	1722	4632	4398	3607	3410	1025	989
1396	Feb-21	CCL	G07	1878	4721	4558	4198	3879	523	678
1397	Feb-21	CCL	G08	2013	4473	4342	4198	3879	275	463
1398	Feb-21	CCL	WIV	1828	3338	3460	3638	3405	-300	55
1399	Feb-21	CCL	G06	2011	4086	3797	3638	3405	448	393
1400	Feb-21	CCL	G11	3876	3780	3466	3030	2674	750	793
1401	Feb-21	CCL	G11	3884	3512	3200	3229	2816	283	384
1402	Feb-21	CCL	G11	3823	4208	3781	3732	3230	476	551
1403	Feb-21	CCL	WV	3957	4849	4692	4708	4469	141	223
1404	Feb-21	CCL	G11	3841	4264	3871	3699	3174	565	697
1405	Feb-21	CCL	G12	3986	3251	3098	3718	3186	-467	-88
1406	Feb-21	CCL	G11	3660	2858	2680	3730	3211	-872	-530

1407	Feb-21	CCL	G11	3863	4209	3935	3796	3289	413	647
1408	Feb-21	CCL	G09	1005	4791	4389	4422	4022	369	367
1409	Feb-21	CCL	G08	2888	4581	4281	4422	4022	159	260
1410	Feb-21	CCL	G11	3813	3375	3071	3355	2926	20	145
1411	Feb-21	CCL	G11	3771	3553	3353	2909	2569	644	784
1412	Feb-21	CCL	G11	3826	3139	3069	4199	3557	-1060	-488
1413	Feb-21	CCL	G11	3823	3318	2897	3218	2834	100	63
1414	Feb-21	CCL	G11	3873	3335	2936	4075	3454	-740	-518
1415	Feb-21	CCL	G11	3845	2944	2710	4115	3513	-1171	-803
1416	Feb-21	CCL	G11	3761	3190	3033	3880	3353	-690	-320
1417	Feb-21	CCL	G12	3858	3674	3509	3525	3077	149	431
1418	Feb-21	CCL	G13	3856	2744	2461	3967	3400	-1223	-940
1419	Feb-21	CCL	G13	3332	2782	2503	3853	3290	-1071	-787
1420	Feb-21	CCL	G08	1344	5167	4945	4373	4016	794	929
1421	Feb-21	CCL	G07	1345	5025	4754	4373	4016	652	737
1422	Feb-21	CCL	G09	1199	4386	4092	4373	4016	13	76
1423	Feb-21	CCL	G12	3839	3611	3337	3498	3059	113	278
1424	Feb-21	CCL	G13	3807	2615	2373	4045	3491	-1430	-1118
1425	Feb-21	CCL	G13	3879	2655	2390	3821	3274	-1166	-884
1426	Feb-21	CCL	G12	4026	3610	3406	3814	3316	-204	90
1427	Feb-21	CCL	G13	3612	2836	2654	3651	3174	-815	-519
1428	Feb-21	CCL	G13	3780	3189	2990	3360	2898	-171	93
1429	Feb-21	CCL	G13	3816	3136	2908	3258	2834	-122	74
1430	Feb-21	CCL	G13	3809	3418	3224	3646	3135	-228	89
1431	Feb-21	CCL	G13	3801	2942	2684	4154	3561	-1212	-877
1432	Feb-21	CCL	G13	3843	2971	2964	4063	3449	-1092	-486
1433	Feb-21	CCL	WIV	3686	4898	4794	4543	4308	355	486
1434	Feb-21	CCL	G13	3795	2919	2653	3836	3283	-917	-629
1435	Feb-21	CCL	G12	3875	2405	2315	3734	3293	-1329	-978
1436	Feb-21	CCL	G13	3820	3343	3203	3565	3143	-222	60
1437	Feb-21	CCL	G13	3741	3424	3090	3642	3192	-218	-102
1438	Feb-21	CCL	G12	3825	3087	2883	3654	3114	-567	-231
1439	Feb-21	CCL	G13	3732	3351	3153	3536	3053	-185	100
1440	Feb-21	CCL	WIV	4000	5130	5016	4038	3833	1092	1182
1441	Feb-21	CCL	G13	3802	3624	3335	3886	3291	-262	44
1442	Feb-21	CCL	G13	3799	3432	3184	3866	3293	-434	-109
1443	Feb-21	CCL	G13	3820	3605	3394	4073	3455	-468	-61
1444	Feb-21	CCL	G13	3847	3603	3358	3775	3268	-172	90
1445	Feb-21	CCL	G12	3709	3566	3314	3753	3262	-187	53
1446	Feb-21	CCL	G13	3782	4151	3870	3526	3061	625	810
1447	Feb-21	CCL	G13	3793	3911	3755	3427	2957	484	797
1448	Feb-21	CCL	G13	3848	3769	3582	3664	3174	105	408
1449	Feb-21	CCL	G13	3813	4279	4015	3868	3263	411	753
1450	Feb-21	CCL	G12	3830	4000	3725	3565	3163	435	562
1451	Feb-21	CCL	G12	3491	4030	3817	3463	2992	567	825
1452	Feb-21	CCL	G11	1784	4293	4042	3652	3305	641	737
1453	Feb-21	CCL	G13	2115	3638	3279	3652	3305	-14	-26
1454	Feb-21	CCL	WV	3566	4851	4729	3960	3604	891	1125
1455	Feb-21	CCL	G13	3783	3698	3359	3894	3407	-196	-49

1456	Feb-21	CCL	G12	3801	3646	3557	3531	3079	115	478
1457	Feb-21	CCL	G13	3829	3863	3503	3603	3107	260	396
1458	Feb-21	CCL	G13	3857	3834	3540	3633	3203	201	337
1459	Feb-21	CCL	NCWP	3704	4452	4341	4156	3890	296	451
1460	Feb-21	CCL	G11	2919	4640	4578	3592	3243	1048	1335
1461	Feb-21	CCL	G13	1007	3655	3480	3592	3243	63	237
1462	Feb-21	CCL	WIV	3891	4607	4496	4028	3812	579	684
1463	Feb-21	CCL	G11	2531	4641	4501	3882	3541	759	959
1464	Feb-21	CCL	G13	1528	3647	3449	3882	3541	-235	-93
1465	Feb-21	CCL	G13	3875	3630	3355	3688	3209	-58	146
1466	Feb-21	CCL	G13	3869	3510	3237	3616	3157	-106	80
1467	Feb-21	CCL	G13	3575	3143	2900	3554	3102	-411	-202
1468	Feb-21	CCL	G13	3866	3523	3234	3060	2683	463	551
1469	Feb-21	CCL	WIV	3626	4190	4063	3986	3773	204	291
1470	Feb-21	CCL	G12	3715	3380	3184	3687	3222	-307	-38
1471	Feb-21	CCL	WV	3811	3966	3939	4028	3765	-62	174
1472	Feb-21	CCL	G13	3877	3404	3171	3274	2886	130	285
1473	Feb-21	CCL	G13	3863	3354	3285	3786	3287	-432	-2
1474	Feb-21	CCL	G07	1973	5495	5078	4720	4803	775	275
1475	Feb-21	CCL	G09	1199	4860	4564	4720	4803	140	-239
1476	Feb-21	CCL	G11	679	4729	4527	4720	4803	9	-276
1477	Feb-21	CCL	G12	3820	3353	3120	3496	3108	-143	12
1478	Feb-21	CCL	G13	3820	3239	3080	3769	3310	-530	-230
1479	Feb-21	CCL	WV	3931	4490	4502	3861	3637	629	864
1480	Feb-21	CCL	G13	3847	3408	3345	3378	3007	30	338
1481	Feb-21	CCL	G12	3841	5550	5249	3286	2813	2264	2436
1482	Feb-21	CCL	G08	2879	4683	4332	4210	3808	473	524
1483	Feb-21	CCL	G09	1001	5269	5062	4210	3808	1059	1253
1484	Feb-21	CCL	G13	3801	3554	3321	3143	2747	411	574
1485	Feb-21	CCL	G13	3821	3621	3386	3746	3248	-125	138
1486	Feb-21	CCL	G13	3841	3287	3294	3244	2858	43	436
1487	Feb-21	CCL	G13	3830	3402	3352	3641	3182	-239	170
1488	Feb-21	CCL	G12	3809	2939	2769	3448	3034	-509	-265
1489	Feb-21	CCL	G13	3862	3756	3533	3141	2791	615	742
1490	Feb-21	CCL	WV	4139	4410	4308	4235	4051	175	257
1491	Feb-21	CCL	WV	3774	4471	4644	4490	4258	-19	385
1492	Feb-21	CCL	G12	3843	3086	2843	3370	3022	-284	-179
1493	Feb-21	CCL	G12	3861	3105	2915	2937	2607	168	309
1494	Feb-21	CCL	G13	3833	3530	3406	3251	2931	279	475
1495	Feb-21	CCL	G13	3857	3831	3679	3338	2912	493	766
1496	Mar-21	CCL	G13	3876	3780	3525	3473	3076	307	449
1497	Mar-21	CCL	WIV	3876	4347	4251	3943	3768	404	483
1498	Mar-21	CCL	G13	3848	3479	3419	2833	2525	646	894
1499	Mar-21	CCL	G13	3763	3548	3387	2954	2608	594	778
1500	Mar-21	CCL	G13	3820	3662	3452	3346	2942	316	510
1501	Mar-21	CCL	G12	3877	3744	3456	3081	2727	663	729
1502	Mar-21	CCL	G12	3804	3751	3496	3414	2999	337	497
1503	Mar-21	CCL	G12	3546	3726	3479	3414	3016	312	463
1504	Mar-21	CCL	WV	3956	3994	3903	4203	4237	-209	-334

1505	Mar-21	CCL	G13	3799	3580	3304	3888	3439	-308	-135
1506	Mar-21	CCL	G13	3832	3523	3342	3530	3078	-7	264
1507	Mar-21	CCL	G11	3756	3321	3078	3470	3092	-149	-14
1508	Mar-21	CCL	WIV	3917	4430	4319	3792	3582	638	737
1509	Mar-21	CCL	G13	3836	3525	3250	3308	2909	217	341
1510	Mar-21	CCL	G13	3855	3521	3305	3449	3027	72	278
1511	Mar-21	CCL	G11	1257	4115	3903	4036	3680	79	223
1512	Mar-21	CCL	G13	2598	3930	3731	4036	3680	-106	50
1513	Mar-21	CCL	G13	3821	3523	3409	3315	2955	208	454
1514	Mar-21	CCL	NCWP	3661	4387	4047	3776	3480	611	566
1515	Mar-21	CCL	G13	3883	3465	3274	3754	3302	-289	-28
1516	Mar-21	CCL	G12	3865	3722	3429	3239	2861	483	568
1517	Mar-21	CCL	WIV	3973	4589	4488	3531	3034	1058	1454
1518	Mar-21	CCL	WV	3880	4447	4345	4184	3927	263	418
1519	Mar-21	CCL	G12	3750	3742	3478	3220	2879	522	600
1520	Mar-21	CCL	G13	3966	3198	2957	3369	2965	-171	-8
1521	Mar-21	CCL	NCWP	3788	4084	4065	3769	3504	315	560
1522	Mar-21	CCL	G12	3995	3808	3571	3365	2979	443	592
1523	Mar-21	CCL	NCWP	3559	4697	4720	3630	3384	1067	1336
1524	Mar-21	CCL	WV	3681	4904	4760	4155	3906	749	854
1525	Mar-21	CCL	G13	3928	3202	3018	3418	2959	-216	59
1526	Mar-21	CCL	WV	3743	4327	4235	3959	3705	368	529
1527	Mar-21	CCL	G12	3889	3759	3590	3310	2881	449	709
1528	Mar-21	ECL	G07	3658	5699	5646	4054	3860	1645	1786
1529	Mar-21	CCL	G11	4041	3387	3167	3179	2919	208	248
1530	Mar-21	CCL	WV	3597	4770	4659	4344	4141	426	519
1531	Mar-21	CCL	NCWP	3806	4028	4002	4076	3747	-48	255
1532	Mar-21	CCL	G13	4042	3091	2957	3337	2946	-246	10
1533	Mar-21	CCL	NCWP	3607	4051	4000	3588	3288	463	712
1534	Mar-21	ECL	G07	3920	5733	5715	3407	3209	2326	2506
1535	Mar-21	CCL	G12	3949	3326	3099	3111	2738	215	361
1536	Mar-21	CCL	G13	4002	3449	3302	3340	2951	109	351
1537	Mar-21	CCL	G08	2871	5125	4953	4574	4238	551	715
1538	Mar-21	CCL	G09	980	5156	4979	4574	4238	582	740
1539	Mar-21	CCL	WIV	2801	4693	4570	4186	3987	507	584
1540	Mar-21	CCL	WV	1240	4598	4482	4186	3987	412	495
1541	Mar-21	CCL	G13	3887	2924	2748	3464	2985	-540	-236
1542	Mar-21	ECL	G07	3828	5704	5606	3488	3254	2216	2352
1543	Mar-21	CCL	WV	3870	4804	4673	4468	4134	336	540
1544	Mar-21	CCL	G13	3937	3560	3252	3738	3236	-178	16
1545	Mar-21	ECL	G05	1702	6378	5754	4850	4419	1528	1336
1546	Mar-21	ECL	G04	1651	6063	5738	5076	4654	987	1084
1547	Mar-21	CCL	WV	3887	4769	4629	3874	3591	895	1037
1548	Mar-21	CCL	WV	1479	5101	5021	4864	4554	237	467
1549	Mar-21	CCL	WIV	2230	5122	5015	4864	4554	258	461
1550	Mar-21	CCL	G12	3961	3451	3145	3227	2801	224	344
1551	Mar-21	CCL	G13	2895	3564	3324	3750	3325	-186	-1
1552	Mar-21	CCL	WV	3889	4470	4378	3951	3747	519	631
1553	Mar-21	CCL	G13	3826	3435	3147	3388	2979	47	169

1554	Mar-21	CCL	G12	4002	3474	3263	3848	3332	-374	-69
1555	Mar-21	CCL	G13	3884	3300	3132	3714	3291	-414	-159
1556	Mar-21	CCL	WIV	3907	4477	4369	4050	3845	427	523
1557	Mar-21	CCL	G09	3932	4416	4167	3849	3548	567	619
1558	Mar-21	CCL	WIV	2567	4566	4451	4341	4117	225	334
1559	Mar-21	CCL	WV	1198	4071	3969	4341	4117	-270	-149
1560	Mar-21	ECL	G05	1866	6065	5642	4215	3796	1850	1846
1561	Mar-21	ECL	G04	1910	6325	5886	5203	4783	1122	1103
1562	Mar-21	CCL	G13	3846	3427	3253	3347	2917	80	336
1563	Mar-21	CCL	G08	2480	5389	5215	4030	3672	1359	1543
1564	Mar-21	CCL	G09	1308	5269	4971	4030	3672	1239	1299
1565	Mar-21	ECL	G07	2974	5728	5730	3747	3474	1981	2257
1566	Mar-21	CCL	G12	3892	2788	2676	3661	3236	-873	-560
1567	Mar-21	CCL	WV	3750	4786	4666	5018	4744	-232	-78
1568	Mar-21	CCL	G12	3247	2558	2391	3895	3362	-1337	-971
1569	Mar-21	CCL	G09	979	5190	5019	4330	4005	860	1014
1570	Mar-21	CCL	G08	2890	5085	4910	4330	4005	755	905
1571	Mar-21	ECL	G07	2827	5649	5661	3592	3322	2057	2339
1572	Mar-21	CCL	WV	1823	5522	5417	4813	4522	709	895
1573	Mar-21	CCL	WIV	1978	5694	5589	4813	4522	881	1067
1574	Mar-21	CCL	WIV	3303	4651	4548	4117	3913	534	635
1575	Mar-21	CCL	WV	664	4563	4445	4117	3913	446	532
1576	Mar-21	CCL	WV	3758	4642	4514	4121	3908	521	606
1577	Mar-21	CCL	G09	1345	5129	4917	4325	3985	804	932
1578	Mar-21	CCL	G07	2107	5303	5016	4325	3985	978	1031
1579	Mar-21	CCL	G08	2526	5127	4922	4125	3842	1002	1080
1580	Mar-21	CCL	G07	1342	4930	4763	4125	3842	805	921
1581	Mar-21	BCCL	WV	1595	4814	4717	5539	5288	-725	-571
1582	Mar-21	BCCL	WIV	2133	5008	4912	5539	5288	-531	-376
1583	Mar-21	CCL	WV	3981	4233	4124	3774	3711	459	413
1584	Mar-21	CCL	G12	3883	2891	2771	3839	3359	-948	-588
1585	Mar-21	CCL	WIV	3242	4714	4572	3824	3223	890	1349
1586	Mar-21	CCL	WV	656	4453	4319	3824	3223	629	1096
1587	Mar-21	ECL	G07	3814	5749	5716	3379	3173	2370	2543
1588	Mar-21	CCL	G12	3914	3004	2789	3656	3278	-652	-489
1589	Mar-21	CCL	G08	2516	5236	5024	4438	4020	798	1004
1590	Mar-21	CCL	G09	1321	5540	5329	4438	4020	1102	1308
1591	Mar-21	CCL	WIV	2550	4513	4386	4280	4068	233	318
1592	Mar-21	CCL	WV	1084	4689	4547	4280	4068	409	480
1593	Mar-21	BCCL	WV	1617	4526	4444	5157	4886	-631	-442
1594	Mar-21	BCCL	WIV	2281	5405	5328	5157	4886	248	442
1595	Mar-21	CCL	WIV	3929	4343	4225	4017	3843	326	382
1596	Mar-21	CCL	G12	3635	3300	3025	4128	3553	-828	-528
1597	Mar-21	CCL	G08	1325	5323	5136	4670	4294	653	841
1598	Mar-21	CCL	G09	2555	5216	5024	4670	4294	546	730
1599	Mar-21	CCL	WV	3752	4489	4349	4147	3937	342	412
1600	Mar-21	CCL	G12	3877	3400	3165	4024	3471	-624	-306
1601	Mar-21	BCCL	WIV	3680	5338	5316	3538	3348	1800	1968
1602	Mar-21	ECL	G07	3536	5688	5606	3466	3230	2222	2376

1603	Mar-21	CCL	G12	3951	2757	2682	3618	3189	-861	-507
1604	Mar-21	CCL	G12	3974	3116	2963	3424	2959	-308	5
1605	Mar-21	CCL	G09	1305	5005	4706	3966	3687	1039	1018
1606	Mar-21	CCL	G08	2546	5560	5296	3966	3687	1594	1609
1607	Mar-21	ECL	G07	3931	5707	5600	3379	3157	2328	2443
1608	Mar-21	CCL	WV	3505	4620	4462	4044	3868	576	593
1609	Mar-21	CCL	G12	3872	3072	2887	3437	3056	-365	-169
1610	Mar-21	BCCL	WIV	3792	5586	5541	3110	2962	2476	2579
1611	Mar-21	CCL	WV	1917	4705	4601	4372	4159	333	441
1612	Mar-21	CCL	WIV	1824	4571	4465	4372	4159	199	306
1613	Mar-21	CCL	G12	3925	3042	2780	3653	3194	-611	-414
1614	Mar-21	CCL	G12	3927	3064	2857	3434	2978	-370	-120
1615	Mar-21	CCL	WIV	3873	4480	4435	3929	3750	551	684
1616	Mar-21	ECL	G07	3873	5694	5504	2787	2597	2907	2907
1617	Mar-21	CCL	G12	3963	3233	3024	3607	3133	-374	-109
1618	Mar-21	BCCL	WV	3883	4971	4956	3658	3477	1313	1479
1619	Mar-21	CCL	WV	3661	4406	4273	3856	3630	550	643
1620	Mar-21	CCL	G11	3875	3564	3674	3277	2993	287	681
1621	Mar-21	BCCL	WV	1235	4703	4646	4387	4174	316	472
1622	Mar-21	BCCL	WIV	2753	4930	4827	4387	4174	543	652
1623	Mar-21	CCL	G12	3948	3273	3007	3869	3328	-596	-321
1624	Mar-21	ECL	G07	4016	5673	5534	3387	3135	2286	2399
1625	Mar-21	CCL	G12	3937	3286	3060	3732	3281	-446	-220
1626	Mar-21	CCL	G12	3982	3278	2994	3556	3160	-278	-166
1627	Mar-21	ECL	G07	3907	5712	5565	3594	3350	2118	2215
1628	Mar-21	CCL	G12	3909	3399	3246	3234	2923	165	323
1629	Mar-21	CCL	WV	3900	4550	4394	3725	3552	825	842
1630	Mar-21	BCCL	WV	1101	5773	5661	4168	4008	1605	1653
1631	Mar-21	BCCL	WIV	2296	5259	5153	4168	4008	1091	1145
1632	Mar-21	ECL	G04	1234	6077	5767	5282	4910	795	857
1633	Mar-21	ECL	G05	2742	5723	5289	4458	4157	1265	1133
1634	Mar-21	CCL	WV	2876	5342	5213	4331	4134	1011	1079
1635	Mar-21	CCL	WIV	1011	5706	5574	4331	4134	1375	1440
1636	Mar-21	CCL	G12	3897	3132	2882	3525	3089	-393	-207
1637	Mar-21	CCL	G12	3871	3333	3042	3582	3148	-249	-107
1638	Mar-21	BCCL	WV	866	4891	4768	4523	4404	368	363
1639	Mar-21	BCCL	WIV	2646	5239	5128	4523	4404	716	724
1640	Mar-21	CCL	G13	3807	3065	2825	3551	3133	-486	-308
1641	Mar-21	CCL	WV	2243	5318	5209	4939	4684	379	525
1642	Mar-21	CCL	WIV	1658	5000	4894	4939	4684	61	210
1643	Mar-21	ECL	G07	3696	5641	5495	3456	3198	2185	2297
1644	Mar-21	BCCL	WV	983	4676	4586	4398	4168	278	418
1645	Mar-21	BCCL	WIV	2845	5212	5159	4398	4168	814	991
1646	Mar-21	CCL	WIV	2894	5248	5116	4623	4419	625	697
1647	Mar-21	CCL	WV	648	4971	4841	4623	4419	348	422
1648	Mar-21	CCL	G13	3806	3326	3057	3436	3042	-110	14
1649	Mar-21	CCL	G13	3858	3133	2840	3525	3124	-392	-283
1650	Mar-21	ECL	G04	1270	6630	6096	5228	4742	1402	1354
1651	Mar-21	ECL	G05	2575	6065	5706	4850	4505	1215	1201

1652	Mar-21	BCCL	WIV	2743	4647	4563	4210	4040	437	522
1653	Mar-21	BCCL	WV	971	5562	5399	4210	4040	1352	1359
1654	Mar-21	CCL	G6	657	5357	5258	3757	3488	1600	1770
1655	Mar-21	CCL	WIV	3130	4247	4133	3757	3488	490	646
1656	Mar-21	CCL	WV	3774	4742	4593	3717	3544	1025	1049
1657	Mar-21	CCL	G13	3824	3316	3029	3443	2980	-127	49
1658	Mar-21	CCL	G13	3863	3312	2991	3889	3341	-577	-350
1659	Mar-21	ECL	G07	3973	5710	5592	3311	3120	2399	2472
1660	Mar-21	CCL	WIV	3200	4946	4831	4481	4295	465	536
1661	Mar-21	CCL	WV	639	5245	5113	4481	4295	764	818
1662	Mar-21	CCL	G13	3983	3314	3127	3348	2936	-34	190
1663	Mar-21	BCCL	WIV	3787	5571	5498	3493	3331	2078	2167
1664	Mar-21	CCL	G13	3996	3293	3092	3657	3215	-364	-122
1665	Mar-21	CCL	G13	3908	3370	3139	3848	3335	-478	-196
1666	Mar-21	ECL	G07	4022	5722	5591	4368	4053	1354	1538
1667	Mar-21	CCL	G13	3899	3435	3152	3622	3186	-187	-34
1668	Mar-21	BCCL	WIV	3229	5168	5090	4656	4478	512	612
1669	Mar-21	BCCL	WV	523	5351	5281	4656	4478	695	803
1670	Mar-21	CCL	WV	3770	4828	4715	3821	3604	1007	1111
1671	Mar-21	CCL	WV	1932	5132	5008	4414	4173	718	834
1672	Mar-21	CCL	WIV	1661	4798	4677	4414	4173	384	504
1673	Mar-21	BCCL	WIV	3239	5483	5438	3956	3761	1527	1678
1674	Mar-21	BCCL	WV	469	5083	4965	3956	3761	1127	1204
1675	Mar-21	CCL	G13	3848	3370	3120	3442	3027	-72	93
1676	Mar-21	BCCL	WIV	3840	5534	5439	3172	3085	2362	2354
1677	Mar-21	CCL	G13	3887	3507	3272	3940	3509	-433	-237
1678	Mar-21	BCCL	WIV	3136	5614	5551	4397	4224	1217	1327
1679	Mar-21	BCCL	WV	570	5492	5420	4397	4224	1095	1196
1680	Mar-21	ECL	G07	4014	5664	5471	3830	3551	1834	1920
1681	Mar-21	CCL	G09	978	5162	4883	4637	4287	525	597
1682	Mar-21	CCL	G08	2871	5591	5357	4637	4287	954	1071
1683	Mar-21	CCL	WIV	670	4167	4062	3514	3366	653	697
1684	Mar-21	CCL	WV	3084	4426	4333	3514	3366	912	967
1685	Mar-21	CCL	G13	3895	3302	2967	3835	3354	-533	-387
1686	Mar-21	CCL	G13	3843	3431	3098	3181	2789	250	309
1687	Mar-21	BCCL	WIV	2771	5600	5549	5040	4867	560	682
1688	Mar-21	BCCL	WV	979	5550	5460	5040	4867	510	593
1689	Mar-21	CCL	WV	1439	5081	4980	4754	4506	327	475
1690	Mar-21	CCL	WIV	1840	5061	4967	4754	4506	307	461
1691	Mar-21	CCL	WV	4005	4651	4483	3761	3556	890	927
1692	Mar-21	CCL	G13	3922	3319	2971	3194	2798	125	173
1693	Mar-21	CCL	G13	3913	3417	3075	3670	3241	-253	-166
1694	Mar-21	CCL	WIV	3182	4862	4759	3340	3209	1522	1550
1695	Mar-21	CCL	WV	643	4810	4694	3340	3209	1470	1485
1696	Mar-21	BCCL	WIV	2458	5821	5738	4584	4376	1237	1362
1697	Mar-21	BCCL	WV	929	5266	5213	4584	4376	682	837
1698	Mar-21	CCL	G08	3864	5330	5207	6165	5557	-835	-350
1699	Mar-21	BCCL	WIV	2655	5900	5810	3744	3589	2156	2221
1700	Mar-21	BCCL	WV	933	4928	4808	3744	3589	1184	1219

1701	Mar-21	CCL	G13	3953	3252	2895	3339	2961	-87	-66
1702	Mar-21	ECL	G07	3761	5683	5611	4374	4055	1309	1556
1703	Mar-21	CCL	G13	3767	3293	2998	3285	2923	8	76
1704	Mar-21	BCCL	WIV	3661	5502	5452	3966	3798	1536	1654
1705	Mar-21	CCL	G13	3902	3344	3082	3816	3227	-472	-144
1706	Mar-21	CCL	G13	3560	3346	3070	3553	3065	-207	5
1707	Mar-21	BCCL	WIV	3777	5525	5430	3999	3805	1526	1625
1708	Mar-21	CCL	WV	3716	4781	4608	3607	3406	1174	1202
1709	Mar-21	CCL	G13	3651	2910	2689	3552	3196	-642	-507
1710	Mar-21	BCCL	WIV	3901	5927	5903	3589	3422	2338	2481
1711	Mar-21	CCL	G13	3867	2910	2704	4196	3739	-1286	-1035
1712	Mar-21	CCL	G13	3800	2923	2710	3055	2749	-132	-39
1713	Mar-21	BCCL	WIV	3903	5933	5867	3859	3691	2074	2176
1714	Mar-21	CCL	G13	3895	2897	2667	3785	3398	-888	-731
1715	Mar-21	CCL	G8	2826	5704	5712	5093	4742	611	971
1716	Mar-21	CCL	G7	996	5807	5786	5093	4742	714	1044
1717	Mar-21	CCL	G13	3899	2929	2703	3713	3308	-784	-605
1718	Mar-21	CCL	G13	3903	2997	2733	3375	3002	-378	-269
1719	Mar-21	CCL	WV	3759	4082	3984	4236	3967	-154	17
1720	Mar-21	BCCL	WIV	3888	5374	5331	3589	3423	1785	1908
1721	Mar-21	BCCL	WIV	3944	5255	5197	3868	3688	1387	1508
1722	Mar-21	CCL	G8	3834	5960	5755	5360	4985	600	769
1723	Mar-21	BCCL	WV	476	5497	5447	4178	3988	1319	1459
1724	Mar-21	BCCL	WIV	2856	5828	5746	4178	3988	1650	1757
1725	Apr-21	CCL	G13	3901	3538	3171	3031	2725	507	446
1726	Apr-21	CCL	WV	3843	4929	4818	4134	3904	795	914
1727	Apr-21	CCL	G13	3874	3010	2819	4323	3698	-1313	-879
1728	Apr-21	CCL	G13	3822	2706	2482	4004	3480	-1298	-998
1729	Apr-21	BCCL	WV	1599	5587	5536	4577	4350	1010	1185
1730	Apr-21	BCCL	WIV	2106	5308	5243	4577	4350	731	893
1731	Apr-21	BCCL	WIV	3924	5594	5509	3985	3772	1609	1737
1732	Apr-21	CCL	G13	3887	3236	3022	3458	3079	-222	-57
1733	Apr-21	CCL	WIV	2917	5430	5283	4758	4528	672	754
1734	Apr-21	CCL	WV	631	4708	4580	4758	4528	-50	52
1735	Apr-21	CCL	G13	3923	3375	3105	3143	2809	232	296
1736	Apr-21	BCCL	WV	1911	5306	5193	3954	3758	1352	1435
1737	Apr-21	BCCL	WIV	2010	5252	5178	3954	3758	1298	1419
1738	Apr-21	CCL	WIV	3794	5043	4972	3487	3301	1556	1671
1739	Apr-21	CCL	G13	3873	3618	3351	3573	3340	45	11
1740	Apr-21	CCL	G13	3895	3564	3205	3786	3328	-222	-123
1741	Apr-21	CCL	WV	3839	4760	4659	3813	3624	947	1035
1742	Apr-21	BCCL	WIV	3894	5142	5090	3779	3580	1363	1510
1743	Apr-21	CCL	G13	4002	2747	2520	3128	2754	-381	-233
1744	Apr-21	CCL	G13	4002	2791	2596	3814	3325	-1023	-729
1745	Apr-21	CCL	WIV	2919	5114	4990	4089	3895	1025	1095
1746	Apr-21	CCL	WV	578	5642	5506	4089	3895	1553	1611
1747	Apr-21	BCCL	WV	2740	4751	4688	4002	3820	749	869
1748	Apr-21	BCCL	WIV	1001	5351	5275	4002	3820	1349	1455
1749	Apr-21	BCCL	WIV	3597	5568	5467	3815	3641	1753	1825

1750	Apr-21	CCL	G13	3971	2821	2589	3034	2739	-213	-151
1751	Apr-21	CCL	G13	4002	2798	2593	3555	3196	-757	-603
1752	Apr-21	BCCL	WIV	3450	5472	5444	3653	3487	1819	1958
1753	Apr-21	CCL	WV	3558	4920	4781	3346	3545	1574	1236
1754	Apr-21	BCCL	WIV	3881	5472	5416	4048	3892	1424	1524
1755	Apr-21	CCL	G13	3834	3343	3114	3370	2980	-27	134
1756	Apr-21	CCL	G13	3920	3301	3034	3506	3123	-205	-90
1757	Apr-21	CCL	WV	3699	4688	4565	3808	3624	880	941
1758	Apr-21	BCCL	WIV	3776	5453	5403	3847	3672	1606	1731
1759	Apr-21	CCL	G13	3902	3389	3079	3591	3059	-202	20
1760	Apr-21	CCL	G13	3848	3332	3072	3038	2705	294	367
1761	Apr-21	CCL	WIV	3387	4822	4701	4267	4082	555	619
1762	Apr-21	CCL	WIV	2435	5041	4939	3699	3579	1342	1360
1763	Apr-21	CCL	WV	688	4673	4551	3699	3579	974	971
1764	Apr-21	CCL	G13	3876	3148	2812	3766	3285	-618	-473
1765	Apr-21	CCL	G13	3886	3135	2836	3634	3130	-499	-294
1766	Apr-21	BCCL	WIV	3833	5522	5505	3860	3677	1662	1828
1767	Apr-21	CCL	WV	3820	4951	4916	3955	3783	996	1133
1768	Apr-21	CCL	WIV	3742	5608	5478	4840	4625	768	852
1769	Apr-21	CCL	G13	3902	2985	2745	3716	3631	-731	-886
1770	Apr-21	CCL	G13	3857	2989	2734	3669	3264	-680	-531
1771	Apr-21	BCCL	WIV	3735	5500	5422	3504	3320	1996	2102
1772	Apr-21	CCL	WIV	491	4094	4354	3557	3367	537	987
1773	Apr-21	CCL	WV	3439	4031	3958	3557	3367	474	591
1774	Apr-21	CCL	G8	1979	5303	5116	4330	3754	973	1362
1775	Apr-21	CCL	G9	1109	4795	4652	4330	3754	465	899
1776	Apr-21	CCL	G11	653	4663	4428	4330	3754	333	674
1777	Apr-21	CCL	G13	3905	3234	2995	3917	3368	-683	-372
1778	Apr-21	CCL	G13	3891	3241	3049	3430	3002	-189	47
1779	Apr-21	CCL	WIV	2795	5488	5355	4524	4286	964	1069
1780	Apr-21	CCL	WV	580	5563	5434	4524	4286	1039	1147
1781	Apr-21	BCCL	WIV	3902	5484	5395	3209	3040	2275	2355
1782	Apr-21	CCL	WV	3846	4658	4545	4051	3783	607	762
1783	Apr-21	CCL	WIV	2515	4538	4432	4997	4700	-459	-268
1784	Apr-21	CCL	WIV	1177	4538	4432	4997	4700	-459	-268
1785	Apr-21	CCL	G11	2074	4290	3989	3649	3412	641	577
1786	Apr-21	CCL	G12	1667	3492	3256	3649	3412	-157	-156
1787	Apr-21	CCL	WIV	3703	4656	4467	4944	4711	-288	-244
1788	Apr-21	CCL	WIV	2329	4742	4659	3743	3491	999	1168
1789	Apr-21	CCL	G6	1573	4268	4057	3743	3491	525	565
1790	Apr-21	BCCL	WIV	3510	5694	5641	2663	2504	3031	3137
1791	Apr-21	BCCL	WV	483	5008	4988	2939	2781	2069	2206
1792	Apr-21	CCL	G12	3852	2613	2427	3662	3224	-1049	-798
1793	Apr-21	BCCL	WIV	3669	5693	5549	3298	3091	2395	2458
1794	Apr-21	BCCL	WV	1874	5739	5611	4424	4236	1315	1375
1795	Apr-21	BCCL	WIV	1737	6048	5907	4424	4236	1624	1671
1796	Apr-21	CCL	WIV	3629	5361	5175	5033	4708	328	467
1797	Apr-21	CCL	G12	3848	2615	2456	3341	2947	-726	-491
1798	Apr-21	BCCL	WIV	3755	5715	5588	3580	3395	2135	2193

1799	Apr-21	CCL	WIV	961	4673	4497	4813	4502	-140	-5
1800	Apr-21	CCL	WIV	2861	4673	4497	4813	4502	-140	-5
1801	Apr-21	BCCL	WIV	3806	5531	5486	3559	3365	1972	2121
1802	Apr-21	BCCL	WIV	3872	5578	5465	3056	2883	2522	2582
1803	Apr-21	BCCL	WV	1529	4995	4874	4680	4425	315	449
1804	Apr-21	BCCL	WIV	2185	5650	5526	4680	4425	970	1101
1805	Apr-21	CCL	WIV	3645	4287	4096	4854	4514	-567	-418
1806	Apr-21	CCL	WV	2001	4416	4322	4457	4214	-41	108
1807	Apr-21	CCL	WIV	2001	4891	4777	4457	4214	434	563
1808	Apr-21	CCL	G12	3539	2589	2429	3911	3447	-1322	-1018
1809	Apr-21	CCL	WV	3952	4275	4167	3719	3497	556	670
1810	Apr-21	CCL	WIV	1356	4893	4800	3703	3524	1190	1276
1811	Apr-21	CCL	WV	2638	4688	4570	3703	3524	985	1047
1812	Apr-21	BCCL	WIV	3799	5568	5455	3915	3705	1653	1750
1813	Apr-21	CCL	WV	2543	4628	4541	3909	3704	719	838
1814	Apr-21	CCL	WIV	1036	5166	5051	3909	3704	1257	1348
1815	Apr-21	CCL	WV	848	5032	4910	4070	3823	962	1087
1816	Apr-21	CCL	WIV	2018	5506	5409	4070	3823	1436	1586
1817	Apr-21	CCL	G13	3910	3363	3177	4025	3460	-662	-283
1818	Apr-21	BCCL	WV	3071	4616	4541	4162	3952	454	589
1819	Apr-21	BCCL	WIV	644	4505	4420	4162	3952	343	468
1820	Apr-21	CCL	WIV	3591	4883	4770	4121	3913	762	857
1821	Apr-21	CCL	G11	3785	4158	3964	3875	3596	283	368
1822	Apr-21	CCL	WV	571	4518	4409	4562	4345	-44	63
1823	Apr-21	CCL	WV	2656	5215	5100	4562	4345	653	754
1824	Apr-21	CCL	G8	3235	4741	4599	4559	4328	182	271
1825	Apr-21	CCL	G9	654	5176	4928	4559	4328	617	601
1826	Apr-21	CCL	G13	3893	3475	3278	3659	3294	-184	-16
1827	Apr-21	CCL	G12	3835	3505	3265	3529	3222	-24	43
1828	Apr-21	BCCL	WIV	3667	5613	5494	4091	3917	1522	1577
1829	Apr-21	CCL	WIV	1349	5327	5198	3733	3601	1594	1597
1830	Apr-21	CCL	WV	2598	5082	4939	3733	3601	1349	1338
1831	Apr-21	CCL	WIV	2337	4726	4621	4391	4218	335	403
1832	Apr-21	CCL	WV	1294	5159	5014	4391	4218	768	796
1833	Apr-21	CCL	WV	3914	4420	4344	3270	3087	1150	1257
1834	Apr-21	BCCL	WIV	3810	5461	5290	3132	2989	2329	2301
1835	Apr-21	CCL	G13	3855	3249	3020	3398	3056	-149	-37
1836	Apr-21	CCL	G13	3844	3256	3060	3978	3473	-722	-413
1837	Apr-21	CCL	G13	3884	3130	2941	3625	3196	-495	-254
1838	Apr-21	CCL	G9	661	5078	4994	5112	4746	-34	247
1839	Apr-21	CCL	G8	3213	5184	5023	5112	4746	72	277
1840	Apr-21	CCL	WIV	1301	4782	4671	3869	3689	913	982
1841	Apr-21	CCL	WV	2259	5228	5085	3869	3689	1359	1396
1842	Apr-21	CCL	G13	3860	3198	2989	3878	3495	-680	-505
1843	Apr-21	BCCL	WIV	3940	5557	5349	3705	3499	1852	1850
1844	Apr-21	CCL	WIV	2614	5110	5001	4362	4159	748	842
1845	Apr-21	CCL	WV	759	4626	4528	4362	4159	264	369
1846	Apr-21	CCL	G12	3831	3097	2901	3583	3199	-486	-298
1847	Apr-21	CCL	G12	3916	3089	2903	3227	2853	-138	50

1848	Apr-21	CCL	WIV	991	4766	4632	3987	3770	779	862
1849	Apr-21	CCL	WV	2220	5060	4912	3987	3770	1073	1143
1850	Apr-21	CCL	G12	3930	3211	3120	3491	3108	-280	12
1851	May-21	CCL	G12	3872	3554	3191	3422	3072	132	119
1852	May-21	CCL	G7	1065	5216	5085	4140	3897	1076	1187
1853	May-21	CCL	G11	751	3930	3731	4140	3897	-210	-167
1854	May-21	CCL	G12	1846	3279	3081	4140	3897	-861	-816
1855	May-21	BCCL	WV	3645	5870	5567	4394	4149	1476	1418
1856	May-21	BCCL	WIV	3860	5577	5436	4360	4148	1217	1288
1857	May-21	BCCL	WV	3514	5846	5556	4097	3847	1749	1709
1858	May-21	CCL	G12	3112	3238	3025	3298	2856	-60	170
1859	May-21	CCL	G11	734	3125	2898	3298	2856	-173	42
1860	May-21	BCCL	WIV	3826	5577	5380	3963	3674	1614	1706
1861	May-21	BCCL	WIV	3271	5287	5079	3395	3178	1892	1901
1862	May-21	CCL	G11	2293	4385	4059	3471	3136	914	924
1863	May-21	CCL	G12	1533	3346	3074	3471	3136	-125	-62
1864	May-21	CCL	WV	3927	4607	4486	4225	3986	382	500
1865	May-21	BCCL	WIV	3869	5236	5113	3163	2997	2073	2117
1866	May-21	CCL	WV	3778	4609	4483	3997	3771	612	713
1867	May-21	CCL	WIV	3778	5424	5293	4534	4163	890	1130
1868	May-21	BCCL	WIV	3281	5564	5446	4233	3945	1331	1501
1869	May-21	BCCL	WIV	3677	5512	5401	3686	3446	1826	1955
1870	May-21	CCL	G11	742	3330	3052	3301	2895	29	157
1871	May-21	CCL	G12	3156	3335	3007	3301	2895	34	112
1872	May-21	CCL	WV	3855	4409	4262	3577	3363	832	899
1873	May-21	CCL	WIV	1351	5102	4988	3647	3433	1455	1555
1874	May-21	CCL	WV	2435	5560	5419	3647	3433	1913	1986
1875	May-21	CCL	WV	3909	4362	4221	3789	3536	573	686
1876	May-21	CCL	WV	4029	4337	4193	3768	3512	569	680
1877	May-21	CCL	G12	2267	3708	3369	3369	2987	339	382
1878	May-21	CCL	G11	1568	4033	3747	3369	2987	664	760
1879	May-21	CCL	G11	3769	4071	3744	3391	3018	680	726
1880	May-21	CCL	G11	3872	3500	3194	3310	2943	190	251
1881	May-21	CCL	G11	3812	3834	3558	3142	2765	692	793
1882	May-21	CCL	G11	3884	3561	3406	3522	3134	39	271
1883	May-21	CCL	G12	1958	3414	3146	3488	3146	-74	0
1884	May-21	CCL	G11	1869	3733	3523	3488	3146	245	377
1885	May-21	CCL	WV	3043	4847	4690	3638	3409	1209	1282
1886	May-21	CCL	WV	3589	4781	4646	3461	3258	1320	1388
1887	May-21	CCL	WIV	3714	5113	4889	4701	4409	412	480
1888	May-21	CCL	G11	3886	3785	3528	3419	3042	366	486
1889	May-21	CCL	WIV	1360	5559	5435	3776	3559	1783	1877
1890	May-21	CCL	WV	2448	4835	4708	3776	3559	1059	1149
1891	May-21	CCL	WV	3966	4848	4731	4033	3780	815	951
1892	May-21	CCL	WV	1074	4497	4189	4343	3951	154	239
1893	May-21	CCL	G6	2868	4721	4330	4343	3951	378	380
1894	May-21	CCL	G8	3221	4371	4230	4078	3678	293	552
1895	May-21	CCL	G9	666	4580	4414	4078	3678	502	736
1896	May-21	CCL	G11	1744	3716	3458	3432	2987	284	472

1897	May-21	CCL	G12	2157	3716	3458	3432	2987	284	472
1898	May-21	CCL	WIV	2936	5205	4816	4679	4240	526	577
1899	May-21	CCL	WIV	884	5205	4816	4679	4240	526	577
1900	May-21	BCCL	WIV	3811	5540	5300	4447	4028	1093	1272
1901	May-21	BCCL	WIV	3751	5614	5450	4184	3831	1430	1618
1902	May-21	CCL	G12	2403	3387	3124	3289	2842	98	281
1903	May-21	CCL	G11	1467	3495	3287	3289	2842	206	445
1904	May-21	CCL	G11	3889	3468	3327	3317	2844	151	483
1905	May-21	CCL	G8	3992	4555	4393	4243	3789	312	603
1906	May-21	CCL	WIV	411	5588	5230	4416	3958	1172	1272
1907	May-21	CCL	WIV	3386	5588	5230	4416	3958	1172	1272
1908	May-21	CCL	WIV	1137	5122	4783	4471	4099	651	683
1909	May-21	CCL	WIV	2766	5122	4783	4471	4099	651	683
1910	May-21	BCCL	WIV	3494	5604	5400	4032	3729	1572	1671
1911	May-21	BCCL	WIV	4002	5355	5182	3888	3710	1467	1472
1912	May-21	CCL	WIV	2257	4562	4226	4415	4097	147	129
1913	May-21	CCL	G6	1725	4956	4611	4415	4097	541	515
1914	May-21	CCL	WIV	411	4773	4391	4642	4326	131	65
1915	May-21	CCL	WIV	3496	4773	4391	4642	4326	131	65
1916	May-21	CCL	G12	3781	3638	3511	3342	2871	296	640
1917	May-21	CCL	WV	3791	5094	4955	3475	3275	1619	1681
1918	May-21	CCL	WIV	549	5184	4932	5265	4947	-81	-15
1919	May-21	CCL	WIV	3345	5184	4932	5265	4947	-81	-15
1920	May-21	CCL	G6	1789	5832	5256	3754	3461	2078	1795
1921	May-21	CCL	WIV	2190	4623	4210	3754	3461	869	749
1922	May-21	CCL	WIV	609	4855	4498	4445	4108	410	390
1923	May-21	CCL	WIV	3301	4855	4498	4445	4108	410	390
1924	May-21	BCCL	WV	3490	4811	4753	3859	3660	952	1092
1925	May-21	CCL	WIV	339	4820	4698	4689	4416	131	282
1926	May-21	CCL	WIV	3472	4820	4698	4689	4416	131	282
1927	May-21	BCCL	WIV	3916	5426	5256	3648	3427	1778	1830
1928	May-21	CCL	G8	3991	5063	4826	4250	3841	813	984
1929	May-21	BCCL	WIV	2312	5545	5455	4295	3978	1250	1477
1930	May-21	BCCL	WV	1457	4708	4636	4295	3978	413	659
1931	May-21	CCL	G6	1913	4318	3985	4033	3652	285	332
1932	May-21	CCL	WIV	1936	4667	4349	4033	3652	634	697
1933	May-21	BCCL	WV	3944	4890	4855	3181	2991	1709	1864
1934	May-21	CCL	G8	3889	4966	4677	4237	3843	729	833
1935	May-21	CCL	WIV	2777	5279	5065	4256	3857	1023	1208
1936	May-21	CCL	G6	1173	4457	4256	4256	3857	201	399
1937	May-21	CCL	G7	1341	5139	4897	4381	3956	758	941
1938	May-21	CCL	G8	2542	4754	4595	4381	3956	373	639
1939	May-21	CCL	G11	3745	3398	3151	3391	2870	7	280
1940	May-21	BCCL	WV	3933	4936	4841	3173	2990	1763	1851
1941	May-21	BCCL	WIV	2364	4879	4780	4075	3797	804	983
1942	May-21	BCCL	WV	1333	5164	5049	4075	3797	1089	1252
1943	May-21	CCL	G6	887	4912	4519	4269	3861	643	658
1944	May-21	CCL	WIV	2898	5404	5050	4269	3861	1135	1189
1945	May-21	CCL	G7	1006	5062	4780	4583	4065	479	715

1946	May-21	CCL	G8	2878	5338	4928	4583	4065	755	863
1947	May-21	CCL	WV	3744	5036	4889	4495	4103	541	785
1948	May-21	CCL	WV	2596	4982	4821	4856	4509	126	312
1949	May-21	CCL	WIV	1438	5014	4837	4856	4509	158	327
1950	May-21	CCL	G8	4002	4702	4368	3901	3567	801	801
1951	May-21	BCCL	WIV	2165	5144	5034	4019	3722	1125	1313
1952	May-21	BCCL	WV	1694	4529	4474	4019	3722	510	752
1953	May-21	CCL	WIV	1932	4482	4240	3715	3319	767	921
1954	May-21	CCL	G6	2070	5013	4638	3715	3319	1298	1320
1955	May-21	BCCL	WV	2139	4879	4761	3495	3289	1384	1471
1956	May-21	BCCL	WIV	1863	5482	5244	3495	3289	1987	1954
1957	May-21	CCL	WIV	1932	4401	4083	3962	3623	439	460
1958	May-21	CCL	G6	2066	4778	4431	3962	3623	816	808
1959	May-21	BCCL	WIV	3920	5391	5243	3621	3297	1770	1947
1960	May-21	BCCL	WIV	3803	5517	5405	3706	3351	1811	2054
1961	May-21	CCL	WIV	1967	4545	4265	4250	3913	295	352
1962	May-21	CCL	WIV	1832	4545	4265	4250	3913	295	352
1963	Jun-21	CCL	WIV	2719	4550	4239	4610	4220	-60	19
1964	Jun-21	CCL	WIV	1098	4550	4239	4610	4220	-60	19
1965	Jun-21	CCL	G13	3906	3317	3032	3650	3030	-333	2
1966	Jun-21	CCL	WIV	2063	3863	3609	4030	3658	-167	-49
1967	Jun-21	CCL	G6	1697	5141	4793	4030	3658	1111	1135
1968	Jun-21	BCCL	WV	2976	4908	4699	3827	3599	1081	1100
1969	Jun-21	BCCL	WIV	774	3989	3846	3827	3599	162	248
1970	Jun-21	BCCL	WIV	2758	5704	5687	3935	3700	1769	1986
1971	Jun-21	BCCL	WIV	941	5798	5715	3935	3700	1863	2014
1972	Jun-21	CCL	G11	1965	3858	3615	3377	2929	481	685
1973	Jun-21	CCL	G12	1888	3769	3488	3377	2929	392	559
1974	Jun-21	CCL	WIV	2553	3995	3765	4693	4270	-698	-505
1975	Jun-21	CCL	G6	1413	5197	5004	4693	4270	504	734
1976	Jun-21	CCL	WIV	1978	5275	4970	4439	4130	836	840
1977	Jun-21	CCL	G6	1905	4893	4606	4439	4130	454	475
1978	Jun-21	BCCL	WIV	2212	5071	5020	4353	4107	718	913
1979	Jun-21	BCCL	WV	1573	4777	4671	4353	4107	424	564
1980	Jun-21	BCCL	WIV	1115	5767	5720	3942	3691	1825	2029
1981	Jun-21	BCCL	WV	2581	5464	5288	4075	3795	1389	1493
1982	Jun-21	BCCL	WIV	3861	5565	5401	3895	3655	1670	1747
1983	Jun-21	CCL	WIV	2560	4690	4439	4327	4026	363	414
1984	Jun-21	CCL	G6	1358	4800	4465	4327	4026	473	440
1985	Jun-21	CCL	G7	1006	5346	4977	4628	4198	718	779
1986	Jun-21	CCL	G8	2888	5125	4630	4628	4198	497	432
1987	Jun-21	BCCL	WIV	1954	5596	5404	4115	3894	1481	1510
1988	Jun-21	BCCL	WV	1889	5545	5321	3343	3167	2202	2153
1989	Jun-21	BCCL	WIV	2433	5553	5496	4606	4301	947	1195
1990	Jun-21	BCCL	WV	1562	5087	5035	4606	4301	481	734
1991	Jun-21	CCL	WIV	2544	4513	4202	4380	4049	133	152
1992	Jun-21	CCL	G6	1281	4983	4644	4380	4049	603	594
1993	Jun-21	BCCL	WIV	3796	5537	5330	4006	3729	1531	1601
1994	Jun-21	CCL	G8	3887	5138	5005	4447	3997	691	1008

1995	Jun-21	CCL	WIV	2222	4912	4634	4571	4254	341	380
1996	Jun-21	CCL	G6	1619	4223	4014	4571	4254	-348	-240
1997	Jun-21	CCL	WIV	2714	4863	4608	4668	4330	195	278
1998	Jun-21	CCL	G6	1202	4739	4436	4668	4330	71	106
1999	Jun-21	CCL	G7	1006	4309	4074	4147	3778	162	296
2000	Jun-21	CCL	G8	2879	4721	4439	4147	3778	574	661
2001	Jun-21	CCL	WIV	2256	4324	4182	4733	4381	-409	-199
2002	Jun-21	CCL	G6	1522	4815	4676	4733	4381	82	294
2003	Jun-21	BCCL	WIV	2276	5186	5102	4559	4244	627	858
2004	Jun-21	BCCL	WV	1563	5105	4992	4559	4244	546	748
2005	Jun-21	CCL	G8	3885	4862	4562	4685	4336	177	226
2006	Jun-21	BCCL	WIV	2981	5686	5623	3491	3243	2195	2380
2007	Jun-21	BCCL	WIV	956	5529	5447	3491	3243	2038	2204
2008	Jun-21	CCL	WIV	2208	4311	4107	4297	3892	14	215
2009	Jun-21	CCL	G6	1766	4612	4343	4297	3892	315	451
2010	Jun-21	BCCL	WIV	3849	5527	5365	3724	3501	1803	1864
2011	Jun-21	BCCL	WIV	3932	5524	5368	4664	4423	860	945
2012	Jun-21	CCL	WIV	2827	4593	4203	4561	4212	32	-10
2013	Jun-21	CCL	G6	1242	3798	3470	4561	4212	-763	-742
2014	Jun-21	BCCL	WIV	1794	5648	5498	3716	3509	1932	1990
2015	Jun-21	BCCL	WV	2208	5590	5482	3678	3481	1912	2001
2016	Jun-21	CCL	G12	3877	3756	3563	3759	3185	-3	378
2017	Jun-21	CCL	WIV	2344	5259	4865	4967	4569	292	296
2018	Jun-21	CCL	G6	1633	3876	3586	4967	4569	-1091	-983
2019	Jun-21	CCL	G11	2209	3722	3524	3572	3126	150	397
2020	Jun-21	CCL	G12	1677	3902	3607	3572	3126	330	480
2021	Jun-21	BCCL	WIV	2208	4479	4420	4083	3838	396	581
2022	Jun-21	BCCL	WV	1587	5200	5100	4083	3838	1117	1261
2023	Jun-21	BCCL	WIV	2781	5852	5740	4006	3767	1846	1973
2024	Jun-21	BCCL	WIV	1058	5854	5736	4006	3767	1848	1969
2025	Jun-21	BCCL	WIV	2599	5619	5483	4397	4119	1222	1363
2026	Jun-21	BCCL	WV	1216	4880	4767	4397	4119	483	647
2027	Jun-21	CCL	G11	2543	3851	3547	2822	2434	1029	1113
2028	Jun-21	CCL	G12	1301	3903	3557	2822	2434	1081	1124
2029	Jun-21	CCL	G9	1642	4351	4233	3682	3317	669	916
2030	Jun-21	CCL	G11	2044	4208	3949	3682	3317	526	632
2031	Jun-21	BCCL	WIV	3787	5539	5388	4012	3711	1527	1677
2032	Jun-21	BCCL	WIV	3849	5204	5135	3460	3246	1744	1890
2033	Jun-21	CCL	WIV	2553	4292	3907	3791	3460	501	447
2034	Jun-21	CCL	G6	1491	4758	4351	3791	3460	967	891
2035	Jun-21	CCL	G11	2624	3354	3079	2957	2507	397	572
2036	Jun-21	CCL	G12	935	3237	2995	2957	2507	280	488
2037	Jun-21	BCCL	WIV	4071	5466	5295	3603	3383	1863	1912
2038	Jun-21	BCCL	WIV	1687	5599	5486	3781	3551	1818	1935
2039	Jun-21	BCCL	WV	2001	4940	4820	3781	3551	1159	1269
2040	Jun-21	CCL	G11	3193	3394	3131	3340	2898	54	233
2041	Jun-21	CCL	G12	676	3291	3006	3340	2898	-49	108
2042	Jun-21	BCCL	WIV	3831	5545	5365	3398	3148	2147	2217
2043	Jun-21	CCL	WIV	2898	4469	4102	3930	3584	539	518

2044	Jun-21	CCL	G6	1098	4689	4220	3930	3584	759	636
2045	Jun-21	BCCL	WIV	4002	5294	5176	3745	3470	1549	1706
2046	Jun-21	BCCL	WV	3312	5237	5047	4280	3951	957	1095
2047	Jun-21	BCCL	WIV	690	5243	5179	3987	3673	1256	1507
2048	Jun-21	CCL	G8	3888	4770	4434	4006	3590	764	844
2049	Jun-21	CCL	G11	3799	3631	3390	3864	3448	-233	-58
2050	Jun-21	BCCL	WV	2369	5513	5328	4256	3921	1257	1407
2051	Jun-21	BCCL	WIV	1303	4997	4871	3645	3402	1352	1469
2052	Jun-21	CCL	WIV	4002	4277	3827	4622	4186	-345	-359
2053	Jun-21	BCCL	WIV	552	5499	5415	4324	4066	1175	1349
2054	Jun-21	BCCL	WV	3375	4711	4602	4324	4066	387	536
2055	Jun-21	BCCL	WV	1824	5705	5365	3549	3273	2156	2092
2056	Jun-21	BCCL	WIV	2001	4961	4820	4211	3875	750	945
2057	Jun-21	CCL	WIV	3276	4381	4073	3903	3554	478	520
2058	Jun-21	CCL	G6	506	4347	4028	3903	3554	444	475
2059	Jun-21	CCL	WIV	2611	4499	4093	4265	3876	234	217
2060	Jun-21	CCL	G6	1070	4412	4054	4265	3876	147	178
2061	Jun-21	BCCL	WIV	3981	5785	5598	2969	2758	2816	2840
2062	Jun-21	BCCL	WIV	3546	5983	5838	5094	4862	889	976
2063	Jun-21	BCCL	WV	1725	4971	4785	3956	3700	1015	1085
2064	Jun-21	BCCL	WIV	2277	5417	5258	3812	3577	1605	1681
2065	Jun-21	BCCL	WV	4002	4914	4681	3897	3697	1017	984
2066	Jun-21	CCL	WIV	1923	4416	4175	4318	3986	98	190
2067	Jun-21	CCL	G6	1782	4470	4145	4318	3986	152	160
2068	Jun-21	BCCL	WV	3885	4629	4395	4464	4234	165	161
2069	Jun-21	BCCL	WIV	1735	5571	5318	4408	4141	1163	1177
2070	Jun-21	BCCL	WV	2112	5127	4796	3668	3461	1459	1335
2071	Jun-21	BCCL	WIV	2455	5300	5172	4737	4369	563	803
2072	Jun-21	BCCL	WV	1034	5099	4976	4737	4369	362	607
2073	Jun-21	BCCL	WIV	4002	5640	5521	2993	2803	2647	2718
2074	Jun-21	CCL	WIV	1844	4319	4027	4041	3717	278	310
2075	Jun-21	CCL	G6	1879	4882	4616	4041	3717	841	899
2076	Jun-21	BCCL	WIV	3963	5774	5698	3653	3457	2121	2241
2077	Jun-21	BCCL	WIV	3901	5339	5091	3579	3387	1760	1704
2078	Jun-21	CCL	WIV	2167	4212	3982	4462	4086	-250	-103
2079	Jun-21	CCL	G6	1502	4926	4612	4462	4086	464	527
2080	Jun-21	BCCL	WV	2228	4724	4619	3659	3445	1065	1174
2081	Jun-21	BCCL	WIV	1438	5373	5221	3659	3445	1714	1776
2082	Jun-21	BCCL	WIV	1056	5269	5168	3523	3341	1746	1827
2083	Jun-21	BCCL	WV	2833	5003	4907	2963	2792	2040	2115
2084	Jun-21	CCL	WIV	3363	5188	4856	4253	3903	935	953
2085	Jun-21	CCL	G6	396	4128	3802	4253	3903	-125	-101
2086	Jul-21	BCCL	WIV	2510	5385	5145	3856	3653	1529	1493
2087	Jul-21	BCCL	WIV	1270	5350	5171	3643	3440	1707	1731
2088	Jul-21	BCCL	WV	3778	5417	5170	4136	3923	1281	1248
2089	Jul-21	CCL	WIV	1704	5132	4825	4446	4074	686	751
2090	Jul-21	CCL	G6	1937	4979	4692	4446	4074	533	618
2091	Jul-21	CCL	G13	3900	4286	3911	3448	2858	838	1053
2092	Jul-21	BCCL	WV	828	4889	4810	3889	3688	1000	1122

2093	Jul-21	BCCL	WV	2139	4825	4738	3889	3688	936	1049
2094	Jul-21	BCCL	WIV	1035	5556	5461	3307	3126	2249	2335
2095	Jul-21	CCL	WIV	1911	5516	5175	4189	3822	1327	1353
2096	Jul-21	CCL	G6	1859	4072	3951	4189	3822	-117	130
2097	Jul-21	BCCL	WV	4002	5213	4981	3961	3759	1252	1221
2098	Jul-21	BCCL	WIV	2755	5669	5612	3631	3418	2038	2194
2099	Jul-21	BCCL	WV	1375	5523	5412	3631	3418	1892	1994
2100	Jul-21	BCCL	WV	3020	5417	5340	4035	3802	1382	1538
2101	Jul-21	BCCL	WIV	932	5443	5311	4245	3970	1198	1341
2102	Jul-21	CCL	WIV	2191	4972	4648	3900	3418	1072	1230
2103	Jul-21	CCL	G6	1519	4572	4366	3900	3418	672	948
2104	Jul-21	BCCL	WIV	1577	5482	5404	3600	3414	1882	1990
2105	Jul-21	BCCL	WV	2323	5638	5524	4301	4075	1337	1449
2106	Jul-21	BCCL	WV	1656	4739	4619	3927	3745	812	875
2107	Jul-21	BCCL	WIV	2313	5380	5266	3766	3560	1614	1706
2108	Jul-21	BCCL	WV	2967	4783	4580	3923	3681	860	899
2109	Jul-21	BCCL	WIV	1035	5418	5200	4238	3931	1180	1268
2110	Jul-21	CCL	WIV	1587	4955	4619	4276	3834	679	785
2111	Jul-21	CCL	G6	2354	4825	4558	4276	3834	549	725
2112	Jul-21	BCCL	WVI	2251	5381	5229	3620	3401	1761	1829
2113	Jul-21	BCCL	WIV	1667	5399	5198	4409	4142	990	1055
2114	Jul-21	CCL	WIV	827	4956	4539	4556	4191	400	348
2115	Jul-21	CCL	WIV	3168	4956	4539	4556	4191	400	348
2116	Jul-21	BCCL	WV	4002	5232	4968	3932	3695	1300	1273
2117	Jul-21	BCCL	WV	2367	5121	5028	4603	4352	518	676
2118	Jul-21	BCCL	WIV	1419	4297	4245	4603	4352	-306	-108
2119	Jul-21	BCCL	WV	1932	5213	4976	4400	4121	813	855
2120	Jul-21	CCL	WIV	414	5168	4805	4146	3760	1022	1045
2121	Jul-21	CCL	WIV	3627	5168	4805	4146	3760	1022	1045
2122	Jul-21	CCL	WIV	1534	4825	4400	3971	3489	854	911
2123	Jul-21	CCL	G6	2174	4695	4317	3971	3489	724	827
2124	Jul-21	BCCL	WIV	3818	5330	5115	4061	3811	1269	1304
2125	Jul-21	BCCL	WV	4071	4844	4609	4234	3991	610	618
2126	Jul-21	CCL	WIV	345	5258	4917	4269	4094	989	823
2127	Jul-21	CCL	WIV	3494	5258	4917	4269	4094	989	823
2128	Jul-21	CCL	WIV	1239	4952	4511	4924	4531	28	-20
2129	Jul-21	CCL	WIV	2573	4952	4511	4924	4531	28	-20
2130	Jul-21	CCL	G7	2006	4978	4721	4495	4051	483	670
2131	Jul-21	CCL	G8	1808	4907	4674	4495	4051	412	623
2132	Jul-21	BCCL	WV	2346	4779	4706	3648	3434	1131	1272
2133	Jul-21	BCCL	WIV	1033	5786	5646	3638	3429	2148	2217
2134	Jul-21	CCL	WIV	966	5122	4629	3967	3567	1155	1061
2135	Jul-21	CCL	WIV	3073	5122	4629	3967	3567	1155	1061
2136	Jul-21	CCL	WIV	1831	5220	4684	4599	4201	621	484
2137	Jul-21	CCL	G6	1941	5162	4659	4599	4201	563	458
2138	Jul-21	CCL	WIV	4074	5176	4654	4305	3844	871	810
2139	Jul-21	BCCL	WV	2208	5147	5210	3568	3356	1579	1854
2140	Jul-21	BCCL	WV	1725	4813	4676	3568	3356	1245	1321
2141	Jul-21	BCCL	WV	3902	5361	5101	4275	4059	1086	1042

2142	Jul-21	BCCL	WIV	3960	5507	5324	3328	3116	2179	2208
2143	Jul-21	BCCL	WV	2001	4639	4488	3078	2913	1561	1575
2144	Jul-21	BCCL	WV	1863	4689	4542	3078	2913	1611	1629
2145	Jul-21	BCCL	WV	2006	4817	4690	4407	4068	410	622
2146	Jul-21	BCCL	WV	754	4765	4606	4407	4068	358	538
2147	Jul-21	BCCL	WIV	898	5605	5435	4407	4068	1198	1367
2148	Jul-21	BCCL	WV	4002	4605	4372	3809	3590	796	783
2149	Jul-21	BCCL	WV	3973	5409	5136	4668	4353	741	783
2150	Jul-21	CCL	WIV	1035	4634	4199	4514	4172	120	26
2151	Jul-21	CCL	WIV	2871	4634	4199	4514	4172	120	26
2152	Jul-21	CCL	WIV	1768	5111	4748	5252	4690	-141	58
2153	Jul-21	CCL	G6	2176	4262	3934	5252	4690	-990	-756
2154	Jul-21	CCL	WIV	276	4741	4369	4734	4288	7	81
2155	Jul-21	CCL	WIV	3592	4741	4369	4734	4288	7	81
2156	Jul-21	BCCL	WV	3985	4938	4674	4287	4092	651	583
2157	Jul-21	CCL	WIV	1310	4894	4524	5034	4660	-140	-136
2158	Jul-21	CCL	WIV	2605	4894	4524	5034	4660	-140	-136
2159	Jul-21	CCL	WIV	608	4415	4031	4300	3978	115	53
2160	Jul-21	CCL	WIV	3347	4415	4031	4300	3978	115	53
2161	Jul-21	BCCL	WV	2003	4801	4738	3102	2970	1699	1768
2162	Jul-21	BCCL	WV	1083	4737	4660	3102	2970	1635	1690
2163	Jul-21	BCCL	WIV	612	5667	5438	3102	2970	2565	2468
2164	Jul-21	BCCL	WV	1897	4710	4572	3340	3204	1370	1368
2165	Jul-21	BCCL	WV	716	5007	4931	3340	3204	1667	1727
2166	Jul-21	BCCL	WIV	969	5678	5569	3340	3204	2338	2365
2167	Jul-21	BCCL	WV	3853	5835	5552	4587	4410	1248	1143
2168	Jul-21	CCL	WIV	1035	4186	3857	4382	3998	-196	-141
2169	Jul-21	CCL	G6	2884	4426	4127	4382	3998	44	129
2170	Jul-21	CCL	WIV	4062	4720	4399	4697	4296	23	102
2171	Jul-21	BCCL	WV	1687	4742	4530	3605	3383	1137	1147
2172	Jul-21	BCCL	WV	1095	4778	4541	3605	3383	1173	1158
2173	Jul-21	BCCL	WIV	827	5571	5379	3605	3383	1966	1997
2174	Jul-21	CCL	WIV	1156	4787	4390	3992	3550	795	840
2175	Jul-21	CCL	G6	2720	5010	4625	3992	3550	1018	1075
2176	Jul-21	BCCL	WV	1630	4802	4685	3563	3383	1239	1302
2177	Jul-21	BCCL	WV	1107	4697	4659	3563	3383	1134	1276
2178	Jul-21	BCCL	WIV	876	5673	5581	3563	3383	2110	2198
2179	Jul-21	CCL	WIV	3779	4581	4345	4312	3939	269	405
2180	Jul-21	BCCL	WV	3933	5253	4988	3627	3473	1626	1515
2181	Jul-21	BCCL	WV	4002	5556	5271	4009	3751	1547	1520
2182	Jul-21	CCL	WIV	621	4568	4204	4268	3952	300	252
2183	Jul-21	CCL	WIV	3461	4568	4204	4268	3952	300	252
2184	Jul-21	BCCL	WV	3992	4677	4455	4668	4414	9	41
2185	Jul-21	BCCL	WV	3717	5562	5288	4583	4343	979	945
2186	Jul-21	CCL	WIV	966	5389	5015	4367	4017	1022	999
2187	Jul-21	CCL	WIV	2938	5389	5015	4367	4017	1022	999
2188	Jul-21	BCCL	WV	4002	4997	4721	4066	3829	931	892
2189	Jul-21	BCCL	WV	2100	4612	4462	3870	3648	742	815
2190	Jul-21	BCCL	WV	1824	4581	4502	3870	3648	711	854

2191	Jul-21	BCCL	WV	2067	4593	4416	3569	3356	1024	1060
2192	Jul-21	BCCL	WV	1865	4555	4490	3569	3356	986	1134
2193	Jul-21	BCCL	WV	3778	5516	5232	4346	4100	1170	1132
2194	Jul-21	BCCL	WV	3835	5613	5335	3914	3729	1699	1607
2195	Jul-21	BCCL	WV	2510	4568	4397	3140	2969	1428	1429
2196	Jul-21	BCCL	WV	1332	4658	4512	3140	2969	1518	1543
2197	Jul-21	BCCL	WV	2595	4767	4546	3396	3122	1371	1424
2198	Jul-21	BCCL	WV	1384	4725	4472	3396	3122	1329	1350
2199	Jul-21	CCL	G6	4002	4804	4449	4202	3828	602	621
2200	Jul-21	BCCL	WV	3557	5075	4819	4374	4052	701	767
2201	Jul-21	CCL	WIV	754	4857	4526	4057	3713	800	813
2202	Jul-21	CCL	WIV	3145	4857	4526	4057	3713	800	813
2203	Jul-21	BCCL	WV	3925	4921	4677	4027	3779	894	898
2204	Jul-21	BCCL	WV	3933	5049	4795	4615	4317	434	478
2205	Jul-21	BCCL	WV	3764	5021	4773	4483	4203	538	571
2206	Jul-21	BCCL	WV	2475	4832	4549	3525	3318	1307	1230
2207	Jul-21	BCCL	WV	1473	4812	4608	3525	3318	1287	1289
2208	Jul-21	CCL	WIV	759	5355	4902	3941	3619	1414	1283
2209	Jul-21	CCL	WIV	3145	5355	4902	3941	3619	1414	1283
2210	Jul-21	BCCL	WV	3953	4873	4618	4353	4045	520	573
2211	Jul-21	BCCL	WV	3699	4848	4589	4591	4290	257	299
2212	Jul-21	BCCL	WV	3936	4898	4680	3996	3767	902	913
2213	Jul-21	CCL	WIV	552	4451	4062	4132	3803	319	258
2214	Jul-21	CCL	WIV	3458	4451	4062	4132	3803	319	258
2215	Jul-21	BCCL	WIV	3899	5416	5230	3697	3393	1719	1837
2216	Jul-21	CCL	G6	4002	4549	4175	4429	3972	120	203
2217	Aug-21	BCCL	WV	3703	5296	5044	4686	4426	610	618
2218	Aug-21	BCCL	WV	3776	4210	4006	3960	3728	250	279
2219	Aug-21	BCCL	WIV	3940	5713	5534	4162	3772	1551	1762
2220	Aug-21	BCCL	WV	1863	4827	4666	3602	3259	1225	1407
2221	Aug-21	BCCL	WV	1808	4734	4581	3602	3259	1132	1322
2222	Aug-21	CCL	G6	4002	4440	4118	3558	3166	882	952
2223	Aug-21	BCCL	WV	1979	4833	4623	3477	3248	1356	1374
2224	Aug-21	BCCL	WV	1896	4954	4749	3477	3248	1477	1500
2225	Aug-21	CCL	WIV	548	4750	4308	4595	4256	155	52
2226	Aug-21	CCL	WIV	3395	4750	4308	4595	4256	155	52
2227	Aug-21	BCCL	WV	2015	4874	4618	3464	3272	1410	1346
2228	Aug-21	BCCL	WV	1820	5269	5035	3464	3272	1805	1764
2229	Aug-21	BCCL	WV	3842	4422	4200	4904	4631	-482	-431
2230	Aug-21	CCL	G6	3983	4815	4372	4233	3861	582	511
2231	Aug-21	BCCL	WV	2568	4938	4714	3781	3563	1157	1151
2232	Aug-21	BCCL	WV	1226	4977	4701	3781	3563	1196	1138
2233	Aug-21	CCL	WIV	621	4797	4524	4630	4375	167	149
2234	Aug-21	CCL	WIV	3306	4797	4524	4630	4375	167	149
2235	Aug-21	CCL	WIV	751	4852	4550	4737	4356	115	194
2236	Aug-21	CCL	WIV	3104	4852	4550	4737	4356	115	194
2237	Aug-21	BCCL	WV	3935	4836	4621	4305	4096	531	525
2238	Aug-21	BCCL	WV	4002	5213	5076	4201	3882	1012	1194
2239	Aug-21	BCCL	WIV	2414	5714	5599	3850	3606	1864	1992

2240	Aug-21	BCCL	WIV	1585	5824	5599	3850	3606	1974	1992
2241	Aug-21	CCL	G6	3852	4059	3775	4147	3805	-88	-30
2242	Aug-21	BCCL	WV	2657	4829	4668	3393	3152	1436	1516
2243	Aug-21	BCCL	WV	1308	4942	4718	3393	3152	1549	1565
2244	Aug-21	BCCL	WV	3348	4894	4657	3452	3239	1442	1418
2245	Aug-21	BCCL	WV	691	5073	4878	3452	3239	1621	1640
2246	Aug-21	CCL	WIV	1135	4442	3997	4254	3989	188	7
2247	Aug-21	CCL	WIV	2736	4442	3997	4254	3989	188	7
2248	Aug-21	BCCL	WIV	3907	5447	5189	3974	3716	1473	1473
2249	Aug-21	CCL	G6	3793	4598	4338	4569	4155	29	183
2250	Aug-21	BCCL	WIV	3946	5404	5268	3590	3310	1814	1958
2251	Aug-21	BCCL	WV	2689	4841	4664	3524	3335	1317	1329
2252	Aug-21	BCCL	WV	1295	4642	4450	3524	3335	1118	1114
2253	Aug-21	CCL	WIV	875	4810	4384	4026	3717	784	667
2254	Aug-21	CCL	WIV	2937	4810	4384	4026	3717	784	667
2255	Aug-21	BCCL	WIV	4042	5474	5402	3459	3259	2015	2143
2256	Aug-21	BCCL	G5	1863	4834	4610	3992	3778	842	832
2257	Aug-21	BCCL	WV	2137	5639	5382	3997	3779	1642	1603
2258	Aug-21	BCCL	WV	1944	4808	4701	3575	3394	1233	1308
2259	Aug-21	BCCL	WV	1010	4782	4657	3575	3394	1207	1263
2260	Aug-21	BCCL	WV	922	5005	4870	3575	3394	1430	1476
2261	Aug-21	BCCL	WV	2187	4920	4632	3834	3613	1086	1019
2262	Aug-21	BCCL	WV	1850	5409	5163	3834	3613	1575	1550
2263	Aug-21	CCL	G11	3902	3585	3233	3549	3107	36	127
2264	Aug-21	CCL	WIV	1057	4984	4650	3863	3537	1121	1113
2265	Aug-21	CCL	WIV	2605	4984	4650	3863	3537	1121	1113
2266	Aug-21	BCCL	WIV	3853	5645	5468	4293	4071	1352	1397
2267	Aug-21	BCCL	WV	4002	4287	4105	3879	3644	408	462
2268	Aug-21	BCCL	WV	2001	4821	4636	3346	3187	1475	1448
2269	Aug-21	BCCL	WV	2001	4714	4476	3346	3187	1368	1289
2270	Aug-21	CCL	WIV	609	5218	4726	4268	3917	950	809
2271	Aug-21	CCL	WIV	3332	5218	4726	4268	3917	950	809
2272	Aug-21	CCL	WIV	3906	4813	4589	4182	3807	631	782
2273	Aug-21	BCCL	WIV	3640	5546	5417	4123	3882	1423	1535
2274	Aug-21	BCCL	WV	4002	4717	4498	3907	3631	810	866
2275	Aug-21	BCCL	WV	3933	5122	4889	4145	3943	977	946
2276	Aug-21	CCL	WIV	483	4793	4462	3598	3326	1195	1136
2277	Aug-21	CCL	WIV	3535	4793	4462	3598	3326	1195	1136
2278	Aug-21	BCCL	WV	1927	3676	3592	4295	3971	-619	-378
2279	Aug-21	BCCL	WV	1838	4134	4049	4295	3971	-161	78
2280	Aug-21	BCCL	WV	4049	5324	5082	3973	3729	1351	1352
2281	Aug-21	BCCL	WV	2286	4010	3859	4240	3932	-230	-73
2282	Aug-21	BCCL	WV	1606	4116	3938	4240	3932	-124	6
2283	Aug-21	BCCL	WV	4002	4206	4008	3760	3570	446	438
2284	Aug-21	BCCL	WV	2304	3276	3214	3788	3562	-512	-349
2285	Aug-21	BCCL	WV	1573	2793	2744	3788	3562	-995	-819
2286	Aug-21	CCL	G12	1198	4271	4115	4308	3943	-37	172
2287	Aug-21	CCL	G8	2677	4878	4734	4308	3943	570	791
2288	Aug-21	BCCL	G5	2001	5511	5289	3391	3202	2120	2087

2289	Aug-21	BCCL	WV	2001	5448	5176	3523	3345	1925	1831
2290	Aug-21	BCCL	WV	1897	5064	4962	3678	3517	1386	1444
2291	Aug-21	BCCL	WV	2035	4596	4531	3678	3517	918	1014
2292	Aug-21	CCL	WIV	811	4540	4118	4621	4216	-81	-99
2293	Aug-21	CCL	WIV	2880	4540	4118	4621	4216	-81	-99
2294	Aug-21	BCCL	WIV	3905	5338	5229	3583	3391	1755	1838
2295	Aug-21	BCCL	WV	3694	5570	5301	4433	4186	1137	1115
2296	Aug-21	CCL	WIV	273	4885	4573	4612	4232	273	341
2297	Aug-21	CCL	WIV	3658	4885	4573	4612	4232	273	341
2298	Aug-21	BCCL	WIV	1832	5586	5276	3399	3227	2187	2049
2299	Aug-21	BCCL	WIV	2075	5574	5264	3548	3318	2026	1946
2300	Aug-21	BCCL	WV	4002	5202	4970	4632	4396	570	574
2301	Aug-21	BCCL	WV	2020	5200	5032	3832	3596	1368	1436
2302	Aug-21	BCCL	WV	1897	5316	5047	3812	3572	1504	1475
2303	Aug-21	BCCL	WV	4002	5582	5296	2928	2741	2654	2555
2304	Aug-21	CCL	G6	3861	4604	4280	4256	3923	348	358
2305	Aug-21	CCL	G7	2007	5403	5122	4080	3726	1323	1396
2306	Aug-21	CCL	G8	1872	4784	4565	4080	3726	704	839
2307	Aug-21	BCCL	G5	3803	4097	3902	3773	3586	324	316
2308	Aug-21	CCL	G8	3872	4987	4618	4155	3794	832	824
2309	Aug-21	BCCL	WV	3243	4949	4784	3689	3499	1260	1286
2310	Aug-21	BCCL	WV	759	4976	4831	3689	3499	1287	1332
2311	Aug-21	BCCL	WV	3996	4618	4403	4231	3983	387	420
2312	Aug-21	CCL	G9	3937	4527	4377	3960	3524	567	852
2313	Aug-21	BCCL	WV	4002	4998	4771	3055	2866	1943	1904
2314	Aug-21	BCCL	WV	996	4780	4558	3224	3035	1556	1523
2315	Aug-21	BCCL	G5	2861	5219	4985	3243	3081	1976	1904
2316	Aug-21	CCL	G7	1963	4926	4757	4240	3868	686	889
2317	Aug-21	CCL	G8	1884	5218	4957	4240	3868	978	1089
2318	Aug-21	BCCL	WV	3864	4499	4290	3481	3291	1018	999
2319	Aug-21	CCL	G8	3822	5114	4944	4167	3832	947	1112
2320	Aug-21	BCCL	WV	4002	4810	4591	2922	2723	1888	1868
2321	Aug-21	BCCL	WV	3906	4460	4253	3605	3412	855	841
2322	Aug-21	BCCL	WV	3897	5073	4899	2809	2647	2264	2252
2323	Aug-21	CCL	G6	3979	4319	4017	3665	3257	654	760
2324	Aug-21	BCCL	WV	4002	4740	4529	3683	3489	1057	1040
2325	Aug-21	CCL	G8	3847	5153	4933	3663	3355	1490	1578
2326	Aug-21	BCCL	WV	3877	4337	4155	4012	3830	325	325
2327	Aug-21	CCL	G6	4002	4355	4014	3895	3487	460	528
2328	Aug-21	CCL	G7	2007	5110	4850	3904	3534	1206	1316
2329	Aug-21	CCL	G8	1866	5066	4729	3904	3534	1162	1195
2330	Aug-21	BCCL	WIV	897	5417	5269	3816	3538	1601	1731
2331	Aug-21	BCCL	WIV	207	5040	4903	3816	3538	1224	1364
2332	Aug-21	BCCL	WV	2415	5093	4944	3816	3538	1277	1406
2333	Aug-21	BCCL	WV	483	4840	4708	3816	3538	1024	1170
2334	Aug-21	BCCL	WV	3976	4404	4188	3485	3298	919	889
2335	Aug-21	BCCL	WIV	3851	5986	5871	4506	4254	1480	1616
2336	Aug-21	CCL	G9	3842	4885	4601	4324	3872	561	728
2337	Sep-21	BCCL	WV	4002	4943	4853	3715	3553	1228	1300

2338	Sep-21	CCL	G9	3919	4885	4545	4182	3754	703	790
2339	Sep-21	CCL	G8	3871	4917	4741	4130	3798	787	943
2340	Sep-21	BCCL	WV	3886	3255	3134	3729	3507	-474	-372
2341	Sep-21	BCCL	WV	3879	5054	4814	3357	3135	1697	1679
2342	Sep-21	CCL	G6	3910	4769	4418	4071	3759	698	658
2343	Sep-21	BCCL	WV	3904	3740	3695	3657	3455	83	240
2344	Sep-21	BCCL	WIV	3478	5518	5257	4493	4230	1025	1027
2345	Sep-21	BCCL	WV	3994	4170	4123	3170	2994	1000	1128
2346	Sep-21	CCL	G7	2024	5772	5466	4093	3738	1679	1728
2347	Sep-21	CCL	G8	1955	5912	5546	4093	3738	1819	1808
2348	Sep-21	BCCL	WIV	3957	5884	5808	3757	3536	2127	2271
2349	Sep-21	CCL	G7	1954	5318	5035	3948	3606	1370	1429
2350	Sep-21	CCL	G8	1876	5452	5205	3948	3606	1504	1599
2351	Sep-21	CCL	WIV	552	5437	5093	4784	4404	653	689
2352	Sep-21	CCL	WIV	3607	5437	5093	4784	4404	653	689
2353	Sep-21	BCCL	WV	3980	3945	3759	3664	3486	281	273
2354	Sep-21	CCL	G6	4002	4689	4224	3769	3456	920	768
2355	Sep-21	BCCL	WV	4060	3854	3673	3609	3420	245	254
2356	Sep-21	CCL	G11	3947	4641	4074	3306	2778	1335	1296
2357	Sep-21	CCL	G11	3819	4687	4128	3422	2836	1265	1292
2358	Sep-21	BCCL	WV	3966	3344	3184	4356	4057	-1012	-873
2359	Sep-21	BCCL	WIV	3918	6010	5898	4206	3959	1804	1939
2360	Sep-21	BCCL	WV	4002	4653	4432	3456	3219	1197	1213
2361	Sep-21	CCL	G6	3973	4559	4193	3660	3351	899	842
2362	Sep-21	CCL	G8	3862	4686	4486	4207	3790	479	696
2363	Sep-21	CCL	WIV	330	4895	4572	3696	3418	1199	1153
2364	Sep-21	CCL	WIV	3617	4895	4572	3696	3418	1199	1153
2365	Sep-21	BCCL	WIV	3736	5513	5427	2627	2486	2886	2941
2366	Sep-21	BCCL	WV	3933	5023	4785	3059	2858	1964	1926
2367	Sep-21	CCL	G7	1997	5311	5017	4429	4041	882	976
2368	Sep-21	CCL	G8	1870	4997	4615	4429	4041	568	574
2369	Sep-21	BCCL	WV	3798	5098	4885	3948	3737	1150	1148
2370	Sep-21	BCCL	WV	3882	4752	4540	3337	3131	1415	1410
2371	Sep-21	CCL	WIV	414	5358	5075	4207	3880	1151	1196
2372	Sep-21	CCL	WIV	3541	5358	5075	4207	3880	1151	1196
2373	Sep-21	BCCL	WV	2967	5143	5002	4162	3880	981	1122
2374	Sep-21	BCCL	WIV	1035	5341	5206	4162	3880	1179	1326
2375	Sep-21	CCL	G8	3882	5422	5209	4278	3898	1144	1311
2376	Sep-21	BCCL	WV	3603	3319	3178	3780	3513	-461	-334
2377	Sep-21	CCL	G7	1995	5823	5543	4517	4129	1306	1414
2378	Sep-21	CCL	G8	1864	5023	4786	4517	4129	506	657
2379	Sep-21	BCCL	WIV	3692	5696	5515	4112	3850	1584	1665
2380	Sep-21	BCCL	WV	3961	3537	3361	3601	3412	-64	-51
2381	Sep-21	CCL	WIV	684	5135	4842	4445	3996	690	846
2382	Sep-21	CCL	WIV	3250	5135	4842	4445	3996	690	846
2383	Sep-21	BCCL	WV	3814	3728	3596	3034	2886	694	710
2384	Sep-21	BCCL	WV	3292	5053	4915	3440	3217	1613	1697
2385	Sep-21	BCCL	WIV	265	5344	5198	3440	3217	1904	1980
2386	Sep-21	CCL	G8	3856	5903	5465	5222	4701	681	764

2387	Sep-21	BCCL	WV	3929	2433	2382	3218	3042	-785	-660
2388	Sep-21	CCL	WIV	828	5107	4915	4035	3830	1072	1085
2389	Sep-21	CCL	WIV	3199	5107	4915	4035	3830	1072	1085
2390	Sep-21	CCL	G8	3887	5795	5433	5308	4831	487	602
2391	Sep-21	BCCL	WV	4035	4814	4595	4147	3890	667	704
2392	Sep-21	CCL	WIV	469	5176	4845	4223	3999	953	846
2393	Sep-21	CCL	WIV	3427	5176	4845	4223	3999	953	846
2394	Sep-21	CCL	G6	3773	3825	3483	4227	3870	-402	-387
2395	Sep-21	CCL	G8	3882	5791	5547	5697	5057	94	490
2396	Sep-21	BCCL	WV	3864	2506	2346	2869	2712	-363	-366
2397	Sep-21	BCCL	WV	3915	4970	4758	3435	3219	1535	1539
2398	Sep-21	CCL	WIV	403	5084	4716	4021	3677	1063	1039
2399	Sep-21	CCL	WIV	3442	5084	4716	4021	3677	1063	1039
2400	Sep-21	CCL	WIV	521	5134	4748	4498	4122	636	626
2401	Sep-21	CCL	WIV	3364	5134	4748	4498	4122	636	626
2402	Sep-21	CCL	G8	3875	5775	5248	5062	4473	713	776
2403	Sep-21	CCL	WIV	526	4675	4158	3895	3565	780	594
2404	Sep-21	CCL	WIV	3417	4675	4158	3895	3565	780	594
2405	Sep-21	CCL	G7	1954	5853	5620	4831	4284	1022	1337
2406	Sep-21	CCL	G8	1905	6012	5615	4831	4284	1181	1331
2407	Sep-21	BCCL	WV	3843	5501	5249	3962	3726	1539	1522
2408	Sep-21	CCL	G8	3935	5373	5038	4514	4018	859	1020
2409	Sep-21	BCCL	WV	3867	5693	5412	4136	3885	1557	1526
2410	Sep-21	CCL	G8	3886	5718	5353	4696	4193	1022	1161
2411	Sep-21	BCCL	WV	3834	5712	5452	4034	3801	1678	1651
2412	Sep-21	CCL	G6	4000	4660	4207	4269	3924	391	283
2413	Sep-21	CCL	G12	3963	4196	3737	3463	2929	733	808
2414	Sep-21	BCCL	WV	3843	5013	4780	4096	3884	917	895
2415	Sep-21	CCL	G12	3951	4173	3705	3346	2794	827	912
2416	Sep-21	CCL	G11	3503	4090	3649	3546	3019	544	630
2417	Sep-21	CCL	G11	3340	4112	3626	3198	2750	914	876
2418	Sep-21	BCCL	WV	4033	4648	4428	3414	3223	1234	1204
2419	Sep-21	CCL	G11	3588	4122	3629	3194	2724	928	905
2420	Sep-21	CCL	G11	3399	4172	3690	3254	2774	918	916
2421	Sep-21	BCCL	WIV	3095	5706	5585	3675	3418	2031	2166
2422	Sep-21	BCCL	WIV	800	5659	5544	3675	3418	1984	2126
2423	Sep-21	BCCL	WVI	4000	4154	3927	3401	3198	753	729
2424	Sep-21	CCL	G11	3743	4088	3644	3099	2679	989	965
2425	Sep-21	CCL	G11	3701	4116	3733	3035	2601	1081	1132
2426	Sep-21	CCL	G6	3756	4990	4616	3985	3645	1005	971
2427	Sep-21	BCCL	WV	4093	4836	4616	3276	3090	1560	1526
2428	Sep-21	CCL	G13	3574	4493	3998	3287	2768	1206	1230
2429	Sep-21	BCCL	WV	4015	5026	4833	2929	2722	2097	2111
2430	Sep-21	CCL	G13	3655	4503	4030	3439	2920	1064	1110
2431	Sep-21	CCL	G13	3490	3439	3041	3165	2601	274	440
2432	Sep-21	CCL	G13	3581	3759	3273	3812	3267	-53	6
2433	Sep-21	BCCL	WIV	3797	5642	5573	3101	2941	2541	2632
2434	Sep-21	CCL	G13	3603	3861	3532	3688	3223	173	309
2435	Sep-21	CCL	G13	3765	3878	3509	3744	3209	134	300

2436	Sep-21	BCCL	WV	3907	4991	4749	3679	3504	1312	1245
2437	Sep-21	CCL	G13	3881	4210	3711	4424	3813	-214	-102
2438	Sep-21	CCL	G13	3916	4195	3667	4506	3802	-311	-135
2439	Sep-21	BCCL	WV	1875	4980	4813	3902	3661	1078	1152
2440	Sep-21	BCCL	WV	2047	4950	4835	3902	3661	1048	1174
2441	Sep-21	CCL	WIV	237	5594	5464	4481	4232	1113	1232
2442	Sep-21	CCL	WV	3369	4972	4823	4481	4232	491	591
2443	Sep-21	BCCL	WIV	3518	5951	5657	3108	2950	2843	2707
2444	Sep-21	CCL	WIV	1593	5360	5220	4779	4556	581	663
2445	Sep-21	CCL	WV	2040	5274	5136	4779	4556	495	579
2446	Sep-21	BCCL	WV	3014	5262	5083	2994	2830	2268	2253
2447	Sep-21	BCCL	WV	181	4427	4315	2994	2830	1433	1485
2448	Sep-21	BCCL	WV	127	4450	4324	2994	2830	1456	1494
2449	Sep-21	BCCL	WIV	62	5083	4949	2994	2830	2089	2119
2450	Sep-21	BCCL	WIV	3974	5594	5373	4032	3783	1562	1591
2451	Sep-21	MCFL	G13	3208	3316	3066	3437	2992	-121	74
2452	Sep-21	MCFL	G13	838	3316	3066	3437	2992	-121	74
2453	Sep-21	CCL	WV	3829	3994	3878	5911	5445	-1917	-1567
2454	Sep-21	CCL	WV	3811	4258	4086	3723	3500	535	586
2455	Oct-21	BCCL	WIV	3536	5899	5709	3588	3406	2311	2303
2456	Oct-21	BCCL	WIV	3624	5843	5595	3225	3045	2618	2550
2457	Oct-21	CCL	WV	3793	4409	4345	4276	3930	133	416
2458	Oct-21	CCL	G13	3957	3717	3305	3732	3173	-15	132
2459	Oct-21	CCL	G13	3531	3704	3340	4086	3461	-382	-121
2460	Oct-21	CCL	G13	3890	3972	3545	3940	3474	32	71
2461	Oct-21	CCL	G11	978	3428	3110	3615	3238	-187	-127
2462	Oct-21	CCL	G12	2875	3462	3110	3615	3238	-153	-127
2463	Oct-21	CCL	WV	3521	3978	3821	3082	2929	896	892
2464	Oct-21	BCCL	WIII	4002	5608	5500	4323	4134	1285	1366
2465	Oct-21	CCL	G11	1226	3686	3364	3230	2931	456	432
2466	Oct-21	CCL	G12	2705	3733	3404	3230	2931	503	473
2467	Oct-21	BCCL	WIV	4016	5888	5674	3071	2925	2817	2749
2468	Oct-21	CCL	WV	3638	4051	3892	3665	3465	386	427
2469	Oct-21	CCL	G13	3895	3783	3507	4057	3519	-274	-12
2470	Oct-21	CCL	WV	1922	4852	4694	3789	3579	1063	1116
2471	Oct-21	CCL	WV	1992	4852	4694	3789	3579	1063	1116
2472	Oct-21	CCL	WV	4077	4149	4076	3552	3274	597	803
2473	Oct-21	CCL	G10	3718	3932	3431	3946	3543	-14	-112
2474	Oct-21	CCL	G12	3967	4030	3621	3804	3381	226	241
2475	Oct-21	MCFL	G14	3758	3648	3400	4378	3814	-730	-415
2476	Oct-21	MCFL	G14	3921	2802	2562	3325	2967	-523	-405
2477	Oct-21	CCL	G11	1958	4121	3766	3305	2993	816	773
2478	Oct-21	CCL	G12	1834	3571	3270	3305	2993	266	276
2479	Oct-21	BCCL	WIV	3730	5699	5452	4619	4362	1080	1090
2480	Oct-21	BCCL	WV	4087	4722	4498	1958	1865	2764	2633
2481	Oct-21	CCL	G12	3885	3752	3430	3536	2989	216	441
2482	Oct-21	CCL	G12	3897	3827	3385	3705	3132	122	253
2483	Oct-21	BCCL	WV	3676	4889	4666	3668	3351	1221	1316
2484	Oct-21	CCL	G12	3889	3884	3184	3943	3180	-59	5

2485	Oct-21	BCCL	WV	3750	5015	4827	4191	3953	824	874
2486	Oct-21	CCL	G11	1574	3670	3377	3280	2893	390	485
2487	Oct-21	CCL	G12	2418	3419	3144	3280	2893	139	251
2488	Oct-21	CCL	WIV	341	5203	4882	3632	3374	1571	1508
2489	Oct-21	CCL	WIV	3635	5203	4882	3632	3374	1571	1508
2490	Oct-21	CCL	G10	4157	3957	3628	3655	3112	302	515
2491	Oct-21	CCL	G7	3851	5855	5751	5100	4556	755	1195
2492	Oct-21	BCCL	WV	3780	4882	4714	3938	3743	944	970
2493	Oct-21	CCL	G7	3823	5751	5405	4870	4334	881	1071
2494	Oct-21	BCCL	WV	1935	4777	4738	3451	3242	1326	1496
2495	Oct-21	BCCL	WV	1535	4849	4722	3451	3242	1398	1480
2496	Oct-21	CCL	G11	3895	3688	3314	3493	3129	195	185
2497	Oct-21	BCCL	WV	1756	4795	4761	3398	3223	1397	1538
2498	Oct-21	BCCL	WV	1192	4613	4576	3398	3223	1215	1353
2499	Oct-21	CCL	G10	3907	4004	3617	3405	2951	599	666
2500	Oct-21	BCCL	WV	4010	5289	5033	3267	3118	2022	1915
2501	Oct-21	CCL	G10	3898	3874	3439	3593	3065	281	375
2502	Oct-21	BCCL	WV	3890	4271	4081	2963	2715	1308	1366
2503	Oct-21	MCFL	G14	3951	3752	3462	2812	2494	940	969
2504	Oct-21	BCCL	WIV	3930	5787	5518	3686	3518	2101	2000
2505	Oct-21	MCFL	G14	3998	3819	3585	3351	3051	468	534
2506	Oct-21	BCCL	WV	2044	4648	4601	3071	2922	1577	1679
2507	Oct-21	BCCL	WV	591	4539	4479	3071	2922	1468	1557
2508	Oct-21	BCCL	WVI	1391	4416	4345	3071	2922	1345	1422
2509	Oct-21	MCFL	G14	3961	3539	3294	2781	2477	758	817
2510	Oct-21	CCL	G13	3880	3733	3437	3509	3059	224	378
2511	Oct-21	MCFL	G14	3967	3800	3597	3720	3337	80	261
2512	Oct-21	CCL	G13	3828	4576	4075	3746	3262	830	813
2513	Oct-21	BCCL	WV	1460	4834	4809	3120	2975	1714	1834
2514	Oct-21	BCCL	WV	1290	4927	4882	3120	2975	1807	1907
2515	Oct-21	BCCL	WVI	980	4345	4314	3120	2975	1225	1339
2516	Oct-21	CCL	G10	3926	3961	3543	3869	3324	92	219
2517	Oct-21	BCCL	WV	3849	5100	4837	3669	3505	1431	1332
2518	Oct-21	MCFL	G14	3792	4001	3817	3689	3339	312	479
2519	Oct-21	CCL	G10	3915	4015	3582	3642	3135	373	448
2520	Oct-21	CCL	G9	673	4353	4042	3573	3272	780	770
2521	Oct-21	CCL	G13	1636	3645	3381	3573	3272	72	109
2522	Oct-21	CCL	G12	1706	3865	3664	3573	3272	292	392
2523	Oct-21	BCCL	WV	1292	4785	4746	3297	3134	1488	1613
2524	Oct-21	BCCL	WV	680	4732	4689	3297	3134	1435	1555
2525	Oct-21	BCCL	WVI	1904	4182	4144	3297	3134	885	1010
2526	Oct-21	CCL	G13	3893	3720	3401	3698	3218	22	183
2527	Oct-21	MCFL	G14	3565	3489	3232	3674	3296	-185	-64
2528	Oct-21	CCL	G9	517	3731	3441	3251	2929	480	512
2529	Oct-21	CCL	G13	1437	3801	3614	3251	2929	550	685
2530	Oct-21	CCL	G12	1620	4037	3807	3251	2929	786	877
2531	Oct-21	BCCL	WV	4012	4880	4648	2736	2619	2144	2029
2532	Oct-21	BCCL	WIV	4004	5550	5303	3952	3775	1598	1527
2533	Oct-21	CCL	G13	3885	3950	3649	3409	3018	541	631

2534	Nov-21	CCL	G13	3690	3660	3301	3780	3247	-120	55
2535	Nov-21	CCL	G13	3686	3724	3351	3494	3019	230	332
2536	Nov-21	CCL	G13	3712	3681	3303	3615	3169	66	134
2537	Nov-21	MCFL	G14	3950	3412	3174	3318	3004	94	170
2538	Nov-21	CCL	G11	1246	4427	4188	2996	2762	1431	1426
2539	Nov-21	CCL	G11	860	4427	4188	2996	2762	1431	1426
2540	Nov-21	CCL	G12	1502	4333	3975	2996	2762	1337	1212
2541	Nov-21	CCL	G8	1992	5396	5282	4772	4149	624	1134
2542	Nov-21	CCL	G9	1886	5110	4905	4772	4149	338	756
2543	Nov-21	CCL	G8	2557	5300	5076	4876	4475	424	601
2544	Nov-21	CCL	G9	1307	5124	4967	4876	4475	248	492
2545	Nov-21	MCFL	G14	3988	3357	3157	3650	3279	-293	-121
2546	Nov-21	CCL	G12	3863	3544	3090	3110	2708	434	382
2547	Nov-21	MCFL	G14	3839	3425	3192	3782	3361	-357	-169
2548	Nov-21	BCCL	WV	4399	4570	4366	3489	3336	1081	1031
2549	Nov-21	CCL	G12	3837	3771	3424	3290	2837	481	588
2550	Nov-21	CCL	G13	3856	3386	3053	3435	2956	-49	97
2551	Nov-21	MCFL	G14	3751	3576	3358	3463	3055	113	303
2552	Nov-21	BCCL	WV	3910	5232	5016	3687	3398	1545	1618
2553	Nov-21	MCFL	G14	3932	4389	4111	3760	3272	629	838
2554	Nov-21	CCL	G11	1470	4273	4064	3525	3121	748	943
2555	Nov-21	CCL	G11	672	4273	4064	3525	3121	748	943
2556	Nov-21	CCL	G12	1749	4740	4489	3525	3121	1215	1367
2557	Nov-21	MCFL	G14	3796	3067	2840	3278	2903	-211	-63
2558	Nov-21	CCL	G13	3878	3927	3445	3560	3069	367	377
2559	Nov-21	CCL	G10	3629	3809	3545	3555	3039	254	506
2560	Nov-21	CCL	G11	664	3750	3616	3101	2836	649	780
2561	Nov-21	CCL	G11	1135	3750	3616	3101	2836	649	780
2562	Nov-21	CCL	G12	2074	3020	2895	3101	2836	-81	59
2563	Nov-21	CCL	G12	3805	3225	2781	3795	3220	-570	-439
2564	Nov-21	CCL	G11	674	3631	3338	3373	2988	258	349
2565	Nov-21	CCL	G11	828	3631	3338	3373	2988	258	349
2566	Nov-21	CCL	G12	2055	3786	3648	3373	2988	413	659
2567	Nov-21	CCL	G12	3872	3434	2971	3719	3192	-285	-220
2568	Nov-21	CCL	G12	3944	3892	3522	3758	3272	134	249
2569	Nov-21	CCL	G12	3891	3868	3503	3020	2592	848	911
2570	Nov-21	BCCL	WVI	1070	4264	4161	3387	3257	877	904
2571	Nov-21	BCCL	WV	1933	4872	4783	3387	3257	1485	1527
2572	Nov-21	BCCL	WV	1033	4819	4697	3387	3257	1432	1441
2573	Nov-21	MCFL	G12	8	3552	3260	2738	2513	814	747
2574	Nov-21	MCFL	G12	580	3552	3260	2738	2513	814	747
2575	Nov-21	MCFL	G12	3165	3552	3260	2738	2513	814	747
2576	Nov-21	CCL	G13	4236	3938	3503	3260	2797	678	705
2577	Nov-21	CCL	G13	3999	4034	3559	3611	3110	423	450
2578	Nov-21	MCFL	G14	3684	3425	3252	3487	3054	-62	198
2579	Nov-21	MCFL	G14	3778	3530	3363	3558	3136	-28	227
2580	Nov-21	BCCL	WV	4032	5011	4833	3968	3642	1043	1191
2581	Nov-21	CCL	G13	3901	4161	3681	3370	2946	791	736
2582	Nov-21	MCFL	G14	3990	3793	3465	3145	2800	648	665

2583	Nov-21	CCL	G13	3890	4046	3615	3700	3195	346	420
2584	Nov-21	BCCL	WV	3894	5113	4963	4112	3933	1001	1030
2585	Nov-21	MCFL	G13	1848	2787	2554	3235	2708	-448	-154
2586	Nov-21	MCFL	G14	1796	3147	2919	3235	2708	-88	212
2587	Nov-21	CCL	G13	3877	4122	3701	3325	2922	797	779
2588	Nov-21	CCL	G13	3882	3988	3600	3388	2885	600	715
2589	Nov-21	CCL	G8	3900	5336	5107	4718	4402	618	704
2590	Nov-21	MCFL	G14	3903	3196	3003	3626	3195	-430	-193
2591	Nov-21	CCL	G13	3899	4162	3728	3877	3321	285	407
2592	Nov-21	CCL	G13	3882	3888	3456	3784	3286	104	170
2593	Nov-21	BCCL	WV	4100	5548	5380	3861	3533	1687	1847
2594	Nov-21	MCFL	G14	3850	3562	3338	3592	3130	-30	207
2595	Nov-21	CCL	G11	3422	3840	3396	4243	3499	-403	-103
2596	Nov-21	CCL	G11	3407	3851	3373	3983	3254	-132	119
2597	Nov-21	BCCL	WV	4309	4743	4614	4039	3760	704	853
2598	Nov-21	BCCL	WV	3876	4797	4690	4037	3765	760	925
2599	Nov-21	BCCL	WV	2436	4869	4805	3623	3395	1246	1409
2600	Nov-21	BCCL	WVI	1783	4266	4184	3623	3395	643	789
2601	Nov-21	MCFL	G14	3746	3950	3661	3822	3327	128	335
2602	Nov-21	BCCL	WV	3944	4974	4823	3944	3715	1030	1108
2603	Nov-21	CCL	G11	3848	3869	3415	4408	3726	-539	-311
2604	Nov-21	CCL	G11	3809	3854	3400	4473	3783	-619	-383
2605	Nov-21	BCCL	WV	3944	4804	4697	4226	4042	578	655
2606	Nov-21	MCFL	G14	3802	3906	3627	4077	4033	-171	-406
2607	Nov-21	MCFL	G13	2260	3210	2947	3461	3092	-251	-145
2608	Nov-21	MCFL	G14	1683	3147	2882	3461	3092	-314	-211
2609	Nov-21	BCCL	WV	3874	4853	4701	2975	2795	1878	1906
2610	Nov-21	CCL	G9	1122	4651	4534	3603	3294	1048	1240
2611	Nov-21	CCL	G12	1290	3633	3386	3603	3294	30	91
2612	Nov-21	CCL	G13	1503	3341	3128	3603	3294	-262	-166
2613	Nov-21	BCCL	WV	2707	5686	5617	2932	2778	2754	2839
2614	Nov-21	BCCL	WIV	1206	5549	5376	2932	2778	2617	2597
2615	Nov-21	CCL	G11	1068	4011	3743	3107	2853	904	890
2616	Nov-21	CCL	G11	529	4011	3743	3107	2853	904	890
2617	Nov-21	CCL	G12	2086	4143	3929	3107	2853	1036	1076
2618	Nov-21	BCCL	WV	3914	3874	3757	3800	3611	74	145
2619	Nov-21	BCCL	WV	3974	4460	4352	3564	3344	896	1009
2620	Nov-21	MCFL	G14	3755	3791	3587	3360	3002	431	585
2621	Nov-21	MCFL	G13	2133	3553	3238	3348	2992	205	246
2622	Nov-21	MCFL	G14	1416	2974	2695	3348	2992	-374	-296
2623	Nov-21	CCL	G11	2077	3812	3512	3869	3450	-57	62
2624	Nov-21	CCL	G10	1808	4305	3941	3869	3450	436	491
2625	Nov-21	BCCL	WV	3929	4245	4091	3679	3404	566	688
2626	Nov-21	BCCL	WV	3817	4271	4142	3753	3514	518	628
2627	Nov-21	MCFL	G14	3962	3908	3712	3014	2693	894	1019
2628	Nov-21	CCL	G11	2702	4238	3962	3399	3055	839	907
2629	Nov-21	CCL	G10	1216	4277	3971	3399	3055	878	916
2630	Nov-21	CCL	G11	1344	3785	3686	3362	3067	423	619
2631	Nov-21	CCL	G11	668	3785	3686	3362	3067	423	619

2632	Nov-21	CCL	G12	1885	3743	3533	3362	3067	381	465
2633	Nov-21	BCCL	WV	1042	3302	3193	2936	2787	366	405
2634	Nov-21	BCCL	WV	2993	3366	3301	2936	2787	430	514
2635	Nov-21	CCL	G10	3948	4202	3782	4102	3435	100	347
2636	Nov-21	BCCL	WV	2065	4220	4131	3397	3198	823	933
2637	Nov-21	BCCL	WV	1480	3346	3316	3397	3198	-51	118
2638	Nov-21	BCCL	WV	3683	4933	4804	3784	3527	1149	1276
2639	Nov-21	CCL	G11	2711	4299	4059	4131	3719	168	340
2640	Nov-21	CCL	G10	1190	3641	3400	4131	3719	-490	-318
2641	Nov-21	MCFL	G13	1229	3275	2939	2865	2593	410	347
2642	Nov-21	MCFL	G14	2102	2864	2589	2865	2593	-1	-3
2643	Nov-21	BCCL	WV	910	4774	4615	3195	3027	1579	1588
2644	Nov-21	BCCL	WV	2516	4698	4627	3195	3027	1503	1600
2645	Nov-21	MCFL	G14	3793	3552	3373	3469	3076	83	297
2646	Nov-21	BCCL	WV	3300	5215	5025	3819	3565	1396	1460
2647	Nov-21	BCCL	WV	1222	4853	4774	3162	2957	1691	1817
2648	Nov-21	BCCL	WV	2941	4800	4655	3162	2957	1638	1697
2649	Nov-21	CCL	G13	3862	3906	3506	3899	3293	7	213
2650	Nov-21	CCL	G8	1966	5630	5376	4501	4153	1129	1224
2651	Nov-21	CCL	G9	1885	5050	4863	4501	4153	549	710
2652	Nov-21	BCCL	WV	1545	5162	5079	3448	3295	1714	1784
2653	Nov-21	BCCL	WV	2614	5247	5083	3448	3295	1799	1788
2654	Nov-21	MCFL	G14	3962	3146	2939	3292	2820	-146	120
2655	Nov-21	BCCL	WV	4101	4923	4709	3761	3753	1162	956
2656	Nov-21	MCFL	G14	3853	3276	3028	3118	2800	158	228
2657	Nov-21	MCFL	G14	4002	3047	2848	2965	2617	82	231
2658	Nov-21	BCCL	WV	4007	5165	5040	3247	3088	1918	1951
2659	Nov-21	CCL	G12	3886	3705	3248	3887	3336	-182	-88
2660	Nov-21	CCL	G11	1072	4518	4297	3417	3012	1101	1285
2661	Nov-21	CCL	G11	943	4518	4297	3417	3012	1101	1285
2662	Nov-21	CCL	G12	1880	4816	4573	3417	3012	1399	1561
2663	Nov-21	BCCL	WV	2157	5033	4876	3199	3031	1834	1844
2664	Nov-21	BCCL	WV	1178	4972	4806	3199	3031	1773	1775
2665	Nov-21	BCCL	WIV	1831	5634	5445	2232	2133	3402	3312
2666	Nov-21	BCCL	WIV	1850	5573	5341	3124	2976	2449	2366
2667	Nov-21	CCL	G12	3932	4264	3743	3422	2902	842	841
2668	Nov-21	CCL	G7	3981	5471	5060	4410	3923	1061	1137
2669	Nov-21	CCL	G10	3861	3891	3568	3652	3104	239	464
2670	Nov-21	BCCL	WV	2301	4917	4823	2987	2851	1930	1971
2671	Nov-21	BCCL	WV	1892	5038	4967	2987	2851	2051	2115
2672	Nov-21	BCCL	WV	612	5380	5304	3639	3474	1741	1830
2673	Nov-21	BCCL	WV	2176	5380	5304	3639	3474	1741	1830
2674	Nov-21	BCCL	WIV	952	5385	5260	3639	3474	1746	1786
2675	Nov-21	CCL	G10	3904	3985	3574	4263	3503	-278	70
2676	Nov-21	BCCL	WV	2767	5242	5157	3805	3615	1437	1542
2677	Nov-21	BCCL	WIV	1047	5311	5182	3805	3615	1506	1567
2678	Nov-21	BCCL	WV	3885	4853	4696	4407	4187	446	509
2679	Nov-21	BCCL	WV	1856	4753	4571	3531	3381	1222	1190
2680	Nov-21	BCCL	WV	1990	4893	4814	3531	3381	1362	1433

2681	Nov-21	BCCL	WIV	4030	5467	5384	3617	3378	1850	2007
2682	Nov-21	CCL	G12	3939	3795	3319	4003	3414	-208	-95
2683	Nov-21	CCL	G12	3857	3732	3329	3577	3062	155	267
2684	Nov-21	CCL	G12	3896	3719	3291	3524	3024	195	267
2685	Nov-21	BCCL	WV	1976	4795	4592	3471	3302	1324	1290
2686	Nov-21	BCCL	WV	2011	4761	4607	3471	3302	1290	1305
2687	Nov-21	MCFL	G13	3780	3984	3686	3164	2843	820	843
2688	Nov-21	BCCL	WV	999	4761	4761	3786	3598	975	1163
2689	Nov-21	BCCL	WV	2990	4783	4710	3786	3598	997	1112
2690	Nov-21	CCL	G10	3887	4342	3925	4183	3514	159	411
2691	Nov-21	CCL	G10	3845	4352	3870	3874	3276	478	594
2692	Dec-21	BCCL	WV	3966	5155	4937	4206	3992	949	944
2693	Dec-21	CCL	G10	3893	4368	3835	3696	3157	672	678
2694	Dec-21	BCCL	WV	2997	5664	5578	2867	2754	2797	2824
2695	Dec-21	BCCL	WIV	1173	5504	5459	2867	2754	2637	2706
2696	Dec-21	CCL	G10	3865	4384	3976	3161	2748	1223	1228
2697	Dec-21	MCFL	G13	1515	2864	2613	3461	3073	-597	-460
2698	Dec-21	MCFL	G14	1981	2954	2683	3461	3073	-507	-391
2699	Dec-21	CCL	G10	3510	4453	3906	4032	3404	421	502
2700	Dec-21	MCFL	G14	3719	2855	2685	3367	2973	-512	-287
2701	Dec-21	CCL	G10	3382	4473	3919	3788	3212	685	706
2702	Dec-21	CCL	G10	3561	4188	3846	3943	3356	245	490
2703	Dec-21	CCL	G10	3750	4141	3758	3901	3331	240	428
2704	Dec-21	BCCL	WV	2089	5470	5420	3216	3076	2254	2344
2705	Dec-21	BCCL	WV	1984	5604	5536	3216	3076	2388	2460
2706	Dec-21	MCFL	G13	752	3490	3211	3494	3205	-4	6
2707	Dec-21	MCFL	G14	1207	3231	3022	3494	3205	-263	-183
2708	Dec-21	BCCL	WV	1972	5572	5549	3000	2872	2572	2677
2709	Dec-21	BCCL	WV	1972	5660	5597	3000	2872	2660	2725
2710	Dec-21	CCL	G10	3877	4064	3585	3906	3416	158	170
2711	Dec-21	BCCL	WV	2087	5602	5545	3147	3042	2455	2504
2712	Dec-21	BCCL	WV	2143	5351	5259	3147	3042	2204	2218
2713	Dec-21	CCL	G10	3878	4050	3620	3630	3140	420	481
2714	Dec-21	BCCL	WV	3929	5004	4862	3258	3103	1746	1759
2715	Dec-21	CCL	G10	3888	3822	3456	3700	3143	122	313
2716	Dec-21	CCL	G10	3897	4177	3785	3408	2922	769	862
2717	Dec-21	MCFL	G14	4013	3971	3759	3024	2640	947	1119
2718	Dec-21	BCCL	WV	1953	5602	5545	2630	2512	2972	3033
2719	Dec-21	BCCL	WV	1999	5351	5232	2630	2512	2721	2720
2720	Dec-21	CCL	G10	3894	3800	3393	3829	3360	-29	33
2721	Dec-21	BCCL	WV	3808	5177	4998	4244	4013	933	986
2722	Dec-21	CCL	G10	3906	3827	3398	3673	3138	154	260
2723	Dec-21	BCCL	WV	769	5569	5484	4315	4052	1254	1432
2724	Dec-21	BCCL	WV	305	5569	5484	4315	4052	1254	1432
2725	Dec-21	BCCL	WIV	2996	5820	5714	4315	4052	1505	1662
2726	Dec-21	BCCL	WV	4058	5211	5022	2819	2677	2392	2346
2727	Dec-21	BCCL	WV	3917	4880	4757	3240	3073	1640	1683
2728	Dec-21	CCL	WIV	552	4654	4479	4192	3983	462	496
2729	Dec-21	CCL	WIV	2018	4654	4479	4192	3983	462	496

2730	Dec-21	CCL	WIV	1571	4654	4479	4192	3983	462	496
2731	Dec-21	BCCL	WV	2001	4914	4859	3217	3083	1697	1776
2732	Dec-21	BCCL	WV	2114	4882	4818	3217	3083	1665	1735
2733	Dec-21	BCCL	WV	1336	4826	4724	3194	3019	1632	1704
2734	Dec-21	BCCL	WV	2286	4855	4669	3194	3019	1661	1649
2735	Dec-21	BCCL	WV	3919	5454	5191	4076	3845	1378	1346
2736	Dec-21	CCL	WIV	606	5433	5234	3616	3356	1817	1878
2737	Dec-21	CCL	WIV	2066	5433	5234	3616	3356	1817	1878
2738	Dec-21	CCL	WIV	1370	5433	5234	3616	3356	1817	1878
2739	Dec-21	CCL	G8	2583	5465	5187	5026	4810	439	377
2740	Dec-21	CCL	G12	1360	4383	4205	5026	4810	-643	-605
2741	Dec-21	BCCL	WV	3983	5722	5565	3179	3021	2543	2544
2742	Dec-21	CCL	WIV	2432	5059	4799	4363	4058	696	741
2743	Dec-21	CCL	WIV	1598	5059	4799	4363	4058	696	741
2744	Dec-21	MCFL	G14	3807	2866	2665	2836	2508	30	158
2745	Dec-21	BCCL	WIV	3918	5614	5387	3709	3495	1905	1892
2746	Dec-21	BCCL	WV	2449	5538	5409	3268	3057	2270	2352
2747	Dec-21	BCCL	WV	1093	4910	4795	3268	3057	1642	1739
2748	Dec-21	BCCL	WIV	712	5523	5405	3268	3057	2255	2348
2749	Dec-21	CCL	WIV	2553	4596	4367	3805	3574	791	793
2750	Dec-21	CCL	WIV	1394	4596	4367	3805	3574	791	793
2751	Dec-21	MCFL	G14	3518	3749	3470	3591	3234	158	235
2752	Dec-21	BCCL	WV	2027	5572	5482	2526	2306	3046	3176
2753	Dec-21	BCCL	WV	1277	5572	5465	2526	2306	3046	3159
2754	Dec-21	BCCL	WV	640	4861	4783	2526	2306	2335	2476
2755	Dec-21	BCCL	WV	3740	5288	5043	3883	3640	1405	1403
2756	Dec-21	CCL	WIV	477	5449	5251	4855	4551	594	700
2757	Dec-21	CCL	WIV	1996	5449	5251	4855	4551	594	700
2758	Dec-21	CCL	WIV	1456	5449	5251	4855	4551	594	700
2759	Dec-21	BCCL	WV	3741	5319	5092	3307	3110	2012	1982
2760	Dec-21	BCCL	WV	3671	5145	5056	3483	3237	1662	1819
2761	Dec-21	CCL	WIV	2239	5310	4882	4841	4415	469	467
2762	Dec-21	CCL	WIV	1609	5310	4882	4841	4415	469	467
2763	Dec-21	BCCL	WIV	3837	5412	5308	3214	2898	2198	2409
2764	Dec-21	CCL	WIV	273	4817	4554	5085	4529	-268	25
2765	Dec-21	CCL	WIV	1950	4817	4554	5085	4529	-268	25
2766	Dec-21	CCL	WIV	1625	4817	4554	5085	4529	-268	25
2767	Dec-21	BCCL	WV	710	5572	5438	3915	3576	1657	1862
2768	Dec-21	BCCL	WV	3175	5529	5378	3915	3576	1614	1802
2769	Dec-21	CCL	WIV	339	4563	4362	4135	3720	428	642
2770	Dec-21	CCL	WIV	1874	4563	4362	4135	3720	428	642
2771	Dec-21	CCL	WIV	1681	4563	4362	4135	3720	428	642
2772	Dec-21	CCL	G8	1887	5990	5826	4664	3989	1326	1837
2773	Dec-21	CCL	G9	2033	5832	5639	4664	3989	1168	1649
2774	Dec-21	BCCL	WIV	272	4708	4603	3525	3175	1183	1428
2775	Dec-21	BCCL	WV	2454	5450	5295	3525	3175	1925	2121
2776	Dec-21	BCCL	WV	824	4364	4240	3525	3175	839	1065
2777	Dec-21	BCCL	WIV	410	4720	4596	3525	3175	1195	1421
2778	Dec-21	CCL	WIV	197	4940	4904	4055	3509	885	1395

2779	Dec-21	CCL	WIV	1786	4940	4904	4055	3509	885	1395
2780	Dec-21	CCL	WIV	1852	4940	4904	4055	3509	885	1395
2781	Dec-21	MCFL	G13	1523	3125	2881	3102	2671	23	210
2782	Dec-21	MCFL	G14	1930	3679	3460	3102	2671	577	788
2783	Dec-21	BCCL	WIV	2415	5660	5414	4321	3961	1339	1452
2784	Dec-21	BCCL	WIV	1223	5724	5418	4712	4309	1012	1109
2785	Dec-21	BCCL	WIV	126	5503	5347	4373	3942	1130	1405
2786	Dec-21	BCCL	WIV	1959	5503	5347	4373	3942	1130	1405
2787	Dec-21	BCCL	WIV	1580	5503	5347	4373	3942	1130	1405
2788	Dec-21	CCL	G8	2053	6074	5965	5067	4529	1007	1436
2789	Dec-21	CCL	G9	1909	5572	5284	5067	4529	505	754
2790	Dec-21	BCCL	WV	3834	4835	4644	3781	3440	1054	1204
2791	Dec-21	MCFL	G14	3803	3341	3160	3581	3088	-240	72
2792	Dec-21	CCL	G8	2000	6045	5893	4533	3995	1512	1898
2793	Dec-21	CCL	G9	1864	5920	5814	4533	3995	1387	1819
2794	Dec-21	CCL	G8	2021	4616	4423	5130	4499	-514	-76
2795	Dec-21	CCL	G9	1870	5596	5336	5130	4499	466	837
2796	Dec-21	BCCL	WIV	1380	5482	5326	3850	3427	1632	1899
2797	Dec-21	BCCL	WIV	1839	5482	5326	3850	3427	1632	1899
2798	Dec-21	BCCL	WIV	591	5482	5326	3850	3427	1632	1899
2799	Dec-21	CCL	G11	3712	4559	4365	3659	3213	900	1152
2800	Dec-21	MCFL	G14	3808	3606	3353	3768	3303	-162	51
2801	Dec-21	CCL	G8	1982	5947	5834	4888	4347	1059	1487
2802	Dec-21	CCL	G9	1927	4796	4525	4888	4347	-92	177
2803	Dec-21	MCFL	G14	3660	3911	3653	3384	3446	527	207
2804	Dec-21	MCFL	G14	3614	3284	2990	3909	3325	-625	-334
2805	Dec-21	CCL	G7	1924	5849	5702	5448	4793	401	909
2806	Dec-21	CCL	G8	1988	5371	5147	5448	4793	-77	354
2807	Dec-21	BCCL	WV	1137	4816	4684	3744	3408	1072	1276
2808	Dec-21	BCCL	WV	1605	4955	4864	3744	3408	1211	1456
2809	Dec-21	BCCL	WV	936	4957	4841	3744	3408	1213	1433
2810	Dec-21	BCCL	WV	1911	4877	4783	3410	3207	1467	1576
2811	Dec-21	BCCL	WV	2284	4858	4745	3410	3207	1448	1538
2812	Dec-21	CCL	G11	412	3333	3208	3657	3216	-324	-8
2813	Dec-21	CCL	G11	1649	3333	3208	3657	3216	-324	-8
2814	Dec-21	CCL	G12	1924	3666	3540	3657	3216	9	323
2815	Dec-21	BCCL	WV	3825	5190	4985	4013	3794	1177	1191
2816	Dec-21	MCFL	G14	3399	3422	3180	4202	3616	-780	-437
2817	Dec-21	BCCL	WV	925	5461	5372	3682	3404	1779	1969
2818	Dec-21	BCCL	WV	3355	5435	5303	3682	3404	1753	1899
2819	Dec-21	BCCL	WIV	3944	4394	4278	4004	3682	390	597
2820	Dec-21	CCL	WIV	395	5384	5116	4513	3798	871	1318
2821	Dec-21	CCL	WIV	1360	5384	5116	4513	3798	871	1318
2822	Dec-21	CCL	WIV	1982	5384	5116	4513	3798	871	1318
2823	Dec-21	BCCL	WV	2100	3306	3226	3506	3201	-200	25
2824	Dec-21	BCCL	WV	1929	5588	5390	3506	3201	2082	2189
2825	Dec-21	CCL	WIV	546	4992	4693	4266	3913	726	780
2826	Dec-21	CCL	WIV	1483	4992	4693	4266	3913	726	780
2827	Dec-21	CCL	WIV	1932	4992	4693	4266	3913	726	780

2828	Dec-21	BCCL	WV	1303	5629	5498	3463	3247	2166	2251
2829	Dec-21	BCCL	WV	2034	3040	2960	3463	3247	-423	-287
2830	Dec-21	MCFL	G14	3809	3422	3169	3590	3130	-168	39
2831	Dec-21	BCCL	WV	659	5796	5684	4503	4298	1293	1386
2832	Dec-21	BCCL	WV	188	5796	5684	4503	4298	1293	1386
2833	Dec-21	BCCL	WIV	2902	6183	6108	4503	4298	1680	1809
2834	Dec-21	MCFL	G14	3473	3630	3384	3503	3097	127	286
2835	Dec-21	BCCL	WV	958	5078	4996	3204	3042	1874	1954
2836	Dec-21	BCCL	WV	3134	5002	4982	3204	3042	1798	1940
2837	Dec-21	CCL	G8	2024	6018	5834	4945	4480	1073	1354
2838	Dec-21	CCL	G9	1891	5508	5330	4945	4480	563	850
2839	Dec-21	BCCL	WV	782	5733	5623	5294	4630	439	993
2840	Dec-21	BCCL	WIV	3126	6255	6110	5294	4630	961	1479
2841	Dec-21	CCL	WIV	3926	4530	4429	3290	3027	1240	1402
2842	Dec-21	CCL	G12	3680	3893	3531	3986	3299	-93	232
2843	Dec-21	CCL	G12	3743	3873	3443	3722	3118	151	324
2844	Dec-21	BCCL	WV	4000	4564	4398	4092	3906	472	492
2845	Dec-21	MCFL	G13	1568	3212	2958	2857	2417	355	541
2846	Dec-21	MCFL	G14	2031	3238	2992	2857	2417	381	575
2847	Dec-21	BCCL	WV	3944	4218	4128	4198	3972	20	156
2848	Dec-21	BCCL	WV	4030	5068	4960	4206	3954	862	1006
2849	Dec-21	CCL	G12	3707	3931	3541	3776	3107	155	435
2850	Dec-21	MCFL	G14	3990	3134	2869	2210	1928	924	941
2851	Dec-21	CCL	G12	3830	3956	3511	3887	3221	69	291
2852	Dec-21	BCCL	WV	1185	4757	4695	3431	3285	1326	1410
2853	Dec-21	BCCL	WV	2623	4909	4765	3431	3285	1478	1481
2854	Dec-21	CCL	G13	3947	3942	3627	3658	2990	284	637
2855	Dec-21	CCL	G13	3652	4012	3626	3665	2998	347	628
2856	Dec-21	BCCL	WV	1839	4934	4800	3569	3443	1365	1357
2857	Dec-21	BCCL	WV	2000	4399	4315	3569	3443	830	872
2858	Dec-21	BCCL	WV	1109	4827	4652	3475	3306	1352	1346
2859	Dec-21	BCCL	WV	2316	4979	4799	3475	3306	1504	1492
2860	Dec-21	CCL	WIV	2692	6063	5641	4289	4027	1774	1614
2861	Dec-21	CCL	WIV	1193	6063	5641	4289	4027	1774	1614
2862	Dec-21	BCCL	WV	3912	4432	4270	4374	4166	58	104
2863	Dec-21	CCL	WIV	1035	5207	4912	4627	4255	580	657
2864	Dec-21	CCL	WIV	1752	5207	4912	4627	4255	580	657
2865	Dec-21	CCL	WIV	1254	5207	4912	4627	4255	580	657
2866	Jan-22	BCCL	WV	1350	4897	4744	3945	3701	952	1043
2867	Jan-22	BCCL	WV	2511	4961	4747	3945	3701	1016	1045
2868	Jan-22	CCL	G11	2311	4094	3727	3529	3117	565	611
2869	Jan-22	CCL	G12	1731	3774	3459	3529	3117	245	342
2870	Jan-22	BCCL	WV	3878	5862	5619	4281	4047	1581	1572
2871	Jan-22	CCL	G12	4032	4329	3781	3552	2889	777	892
2872	Jan-22	CCL	G12	3755	4208	3759	3553	2970	655	789
2873	Jan-22	CCL	G8	3937	5585	5132	4948	4524	637	607
2874	Jan-22	MCFL	G14	3795	3803	3564	3365	2987	438	577
2875	Jan-22	BCCL	WV	1549	4792	4614	3463	3246	1329	1367
2876	Jan-22	BCCL	WV	2508	5041	4848	3463	3246	1578	1602

2877	Jan-22	BCCL	WIV	3895	5629	5544	3891	3618	1738	1925
2878	Jan-22	BCCL	WV	4044	5866	5647	4230	3982	1636	1665
2879	Jan-22	CCL	G12	3839	4398	3836	3967	3293	431	543
2880	Jan-22	CCL	G12	3860	4172	3680	4177	3513	-5	167
2881	Jan-22	BCCL	WV	3984	4825	4645	4182	3975	643	670
2882	Jan-22	CCL	G12	3696	3650	3199	3639	3127	11	72
2883	Jan-22	BCCL	WV	789	6269	6118	3897	3680	2372	2437
2884	Jan-22	BCCL	WIV	2935	6285	6158	3897	3680	2388	2477
2885	Jan-22	CCL	G12	3599	3192	2819	3423	2927	-231	-108
2886	Jan-22	MCFL	G13	1266	3548	3246	2862	2564	686	682
2887	Jan-22	MCFL	G14	2547	3551	3260	2862	2564	689	696
2888	Jan-22	BCCL	WV	3882	4987	4866	3946	3711	1041	1156
2889	Jan-22	CCL	G10	1697	3662	3407	3636	3149	26	258
2890	Jan-22	CCL	G11	2241	3522	3307	3636	3149	-114	158
2891	Jan-22	CCL	G10	3821	4302	3925	4132	3412	170	513
2892	Jan-22	BCCL	WV	1173	6354	6226	5586	5377	768	849
2893	Jan-22	BCCL	WIV	2632	6348	6227	5586	5377	762	850
2894	Jan-22	CCL	G10	4012	4303	3955	3687	3135	616	820
2895	Jan-22	BCCL	WIV	1143	5508	5380	4255	4083	1253	1297
2896	Jan-22	BCCL	WIV	2757	5508	5380	4255	4083	1253	1297
2897	Jan-22	CCL	G11	3875	4148	3845	4129	3499	19	346
2898	Jan-22	BCCL	WV	534	5943	5853	5030	4766	913	1088
2899	Jan-22	BCCL	WIV	3225	5892	5797	5030	4766	862	1031
2900	Jan-22	CCL	G11	3703	4304	3821	4127	3421	177	400
2901	Jan-22	CCL	G12	3861	4516	4040	4112	3504	404	536
2902	Jan-22	BCCL	WV	3918	5245	5086	4261	3404	984	1682
2903	Jan-22	BCCL	WV	1600	4787	4743	3652	3434	1135	1310
2904	Jan-22	BCCL	WV	2511	4894	4810	3652	3434	1242	1376
2905	Jan-22	CCL	G10	3809	4224	3814	3837	3235	387	579
2906	Jan-22	CCL	G10	3804	4228	3761	4044	3425	184	336
2907	Jan-22	CCL	G7	1585	4948	4621	4193	3662	755	959
2908	Jan-22	CCL	G11	1598	4284	4129	4193	3662	91	466
2909	Jan-22	CCL	G13	727	3523	3233	4193	3662	-670	-430
2910	Jan-22	BCCL	WV	311	5804	5699	4424	4172	1380	1527
2911	Jan-22	BCCL	WIV	3723	5568	5472	4424	4172	1144	1300
2912	Jan-22	BCCL	WV	4001	5157	5006	4014	3816	1143	1191
2913	Jan-22	CCL	G12	3730	4268	3868	3891	3303	377	565
2914	Jan-22	BCCL	WV	3882	5114	4959	3682	2947	1432	2012
2915	Jan-22	CCL	G12	4000	4235	3867	3802	3237	433	631
2916	Jan-22	MCFL	G14	3597	3559	3314	3102	2739	457	574
2917	Jan-22	CCL	WIV	1641	5448	5101	4051	3832	1397	1269
2918	Jan-22	CCL	WIV	482	5448	5101	4051	3832	1397	1269
2919	Jan-22	CCL	WIV	1827	5448	5101	4051	3832	1397	1269
2920	Jan-22	CCL	G11	3854	4024	3825	4017	3682	7	144
2921	Jan-22	CCL	G10	4202	4318	3956	3594	3055	724	901
2922	Jan-22	BCCL	WV	207	6030	5902	4828	4598	1202	1304
2923	Jan-22	BCCL	WIV	3599	5825	5701	4828	4598	997	1103
2924	Jan-22	CCL	G10	4135	4430	3982	3832	3239	598	743
2925	Jan-22	BCCL	WV	4081	5233	5101	3870	3675	1363	1426

2926	Jan-22	BCCL	WV	3888	4925	4760	4343	4154	582	606
2927	Jan-22	CCL	G8	2052	5215	5125	4194	3779	1021	1346
2928	Jan-22	CCL	G9	1913	5482	5065	4194	3779	1288	1285
2929	Jan-22	BCCL	WV	3988	4860	4663	4229	4032	631	631
2930	Jan-22	CCL	G10	3814	4321	3958	3818	3243	503	714
2931	Jan-22	BCCL	WV	3886	4985	4778	3496	3074	1489	1705
2932	Jan-22	CCL	G10	3839	4373	3921	3682	3137	691	784
2933	Jan-22	BCCL	WV	1697	5060	4947	3500	3337	1560	1610
2934	Jan-22	BCCL	WV	1672	5092	5035	3500	3337	1592	1698
2935	Jan-22	BCCL	WV	691	4903	4858	3500	3337	1403	1521
2936	Jan-22	CCL	G12	3890	3914	3637	3670	3152	244	485
2937	Jan-22	CCL	G12	4002	3896	3567	3974	3329	-78	238
2938	Jan-22	CCL	G8	3921	5190	4797	4755	4272	435	526
2939	Jan-22	CCL	G7	1573	4818	4506	4319	3809	499	698
2940	Jan-22	CCL	G11	1392	3883	3561	4319	3809	-436	-248
2941	Jan-22	CCL	G13	775	3601	3327	4319	3809	-718	-482
2942	Jan-22	CCL	G11	2103	4230	4096	3552	3150	678	946
2943	Jan-22	CCL	G12	1671	3831	3555	3552	3150	279	405
2944	Jan-22	BCCL	WV	1557	4860	4767	3700	3490	1160	1276
2945	Jan-22	BCCL	WV	1739	5031	4975	3700	3490	1331	1485
2946	Jan-22	BCCL	WV	706	5048	4997	3700	3490	1348	1507
2947	Jan-22	CCL	G7	3874	5352	4963	4813	4362	539	602
2948	Jan-22	CCL	G12	1709	3961	3603	3481	3104	480	499
2949	Jan-22	CCL	G11	333	4024	3766	3481	3104	543	661
2950	Jan-22	CCL	G11	136	4024	3766	3481	3104	543	661
2951	Jan-22	CCL	G11	1699	4024	3766	3481	3104	543	661
2952	Jan-22	CCL	G7	3931	5387	5100	4691	4317	696	782
2953	Jan-22	BCCL	WIV	864	5555	5409	4303	4097	1252	1312
2954	Jan-22	BCCL	WIV	332	5555	5409	4303	4097	1252	1312
2955	Jan-22	BCCL	WIV	2658	5555	5409	4303	4097	1252	1312
2956	Jan-22	CCL	G11	2168	4144	3791	3636	3279	508	511
2957	Jan-22	CCL	G10	1642	4454	4039	3636	3279	818	759
2958	Jan-22	BCCL	WV	1515	5266	5064	3606	3401	1660	1663
2959	Jan-22	BCCL	WV	1647	5050	4867	3606	3401	1444	1465
2960	Jan-22	BCCL	WV	636	5119	4933	3606	3401	1513	1532
2961	Jan-22	CCL	G7	3909	5473	5151	5490	4988	-17	163
2962	Jan-22	BCCL	WV	1275	5035	4954	3711	3508	1324	1446
2963	Jan-22	BCCL	WV	1540	5001	4885	3711	3508	1290	1377
2964	Jan-22	BCCL	WV	903	5085	5018	3711	3508	1374	1510
2965	Jan-22	CCL	G12	3919	3913	3517	3643	3112	270	406
2966	Jan-22	CCL	G12	3942	3910	3572	3896	3301	14	271
2967	Jan-22	BCCL	WIV	1617	5728	5559	3725	3417	2003	2142
2968	Jan-22	BCCL	WVI	2017	4163	4092	3725	3417	438	674
2969	Jan-22	BCCL	WIV	807	5560	5374	4154	3810	1406	1564
2970	Jan-22	BCCL	WIV	2892	5560	5374	4154	3810	1406	1564
2971	Jan-22	CCL	G7	3851	5585	5264	5384	4940	201	323
2972	Jan-22	BCCL	WV	665	5967	5840	4128	3927	1839	1913
2973	Jan-22	BCCL	WIV	3143	5486	5370	4128	3927	1358	1443
2974	Jan-22	CCL	G11	3785	4177	3943	3669	3188	508	756

2975	Jan-22	CCL	G12	3983	3956	3624	3660	3077	296	548
2976	Jan-22	BCCL	WIV	1716	5508	5346	3014	2823	2494	2522
2977	Jan-22	BCCL	WVI	1994	4167	4087	3014	2823	1153	1264
2978	Jan-22	CCL	G12	3965	3950	3681	3789	3221	161	460
2979	Jan-22	BCCL	WV	563	5779	5668	4984	4737	795	931
2980	Jan-22	BCCL	WIV	3065	5817	5729	4984	4737	833	992
2981	Jan-22	CCL	G11	3796	4282	4069	3580	3274	702	795
2982	Jan-22	BCCL	WIV	2564	5461	5312	4122	3825	1339	1487
2983	Jan-22	BCCL	WIV	1218	5461	5312	4122	3825	1339	1487
2984	Jan-22	CCL	WIV	2559	4644	4480	4128	3894	516	586
2985	Jan-22	CCL	WV	1404	4422	4248	4128	3894	294	354
2986	Jan-22	CCL	G7	2029	5638	5311	5698	5155	-60	156
2987	Jan-22	CCL	G8	1901	5363	5050	5698	5155	-335	-105
2988	Jan-22	CCL	G11	432	4140	3882	3913	3449	227	433
2989	Jan-22	CCL	G11	1477	4140	3882	3913	3449	227	433
2990	Jan-22	CCL	G11	299	4140	3882	3913	3449	227	433
2991	Jan-22	CCL	G12	1514	4029	3804	3913	3449	116	355
2992	Jan-22	CCL	G11	4002	4180	3923	3715	3245	465	678
2993	Jan-22	BCCL	WV	996	4968	4903	3752	3524	1216	1379
2994	Jan-22	BCCL	WV	1632	4827	4744	3752	3524	1075	1220
2995	Jan-22	BCCL	WV	936	5004	4888	3752	3524	1252	1364
2996	Jan-22	BCCL	WV	1932	5392	5251	4945	4685	447	566
2997	Jan-22	BCCL	WIV	1932	5845	5715	4945	4685	900	1030
2998	Jan-22	BCCL	WV	890	4738	4652	4226	3982	512	670
2999	Jan-22	BCCL	WV	1990	4826	4743	4226	3982	600	761
3000	Jan-22	BCCL	WVI	1040	4874	4775	4226	3982	648	793
3001	Jan-22	CCL	G7	3951	5778	5325	4909	4408	869	917
3002	Jan-22	CCL	G11	3799	4462	4102	3569	3477	893	625
3003	Jan-22	CCL	G11	528	4237	4057	3630	3168	607	889
3004	Jan-22	CCL	G11	1694	4237	4057	3630	3168	607	889
3005	Jan-22	CCL	G11	190	4237	4057	3630	3168	607	889
3006	Jan-22	CCL	G12	1462	3708	3472	3630	3168	78	304
3007	Jan-22	CCL	WIV	2062	5080	4834	4281	3895	799	939
3008	Jan-22	CCL	WIV	1874	5080	4834	4281	3895	799	939
3009	Jan-22	CCL	G7	1755	5063	4762	3520	3171	1543	1591
3010	Jan-22	CCL	G11	1340	4393	4063	3520	3171	873	892
3011	Jan-22	CCL	G13	917	4021	3684	3520	3171	501	513
3012	Jan-22	CCL	WIV	267	4751	4506	4464	4237	287	268
3013	Jan-22	CCL	WIV	1809	4751	4506	4464	4237	287	268
3014	Jan-22	CCL	WIV	1807	4751	4506	4464	4237	287	268
3015	Jan-22	CCL	G10	2070	4150	3735	3830	3609	320	126
3016	Jan-22	CCL	G11	1932	3290	3075	3830	3609	-540	-534
3017	Jan-22	BCCL	WV	1344	4714	4638	3767	3281	947	1356
3018	Jan-22	BCCL	WV	1643	4820	4547	3767	3281	1053	1266
3019	Jan-22	BCCL	WVI	894	4719	4495	3767	3281	952	1214
3020	Jan-22	BCCL	WIV	2801	5686	5519	4189	3943	1497	1576
3021	Jan-22	BCCL	WIV	937	5800	5624	4077	3863	1723	1761
3022	Jan-22	BCCL	WV	3323	4918	4784	3862	3523	1056	1261
3023	Jan-22	BCCL	WV	365	4779	4629	3862	3523	917	1107

3024	Jan-22	BCCL	WIV	433	5209	5077	3862	3523	1347	1554
3025	Jan-22	CCL	G10	2018	3790	3466	3610	3182	180	284
3026	Jan-22	CCL	G11	1884	4138	3688	3610	3182	528	505
3027	Jan-22	BCCL	WV	1467	3886	3815	3377	3193	509	623
3028	Jan-22	BCCL	WV	1203	3316	3259	3377	3193	-61	66
3029	Jan-22	BCCL	WIV	1093	5688	5514	3377	3193	2311	2322
3030	Jan-22	CCL	WIV	2372	5474	5330	4552	3849	922	1481
3031	Jan-22	CCL	WV	1454	5424	5295	4552	3849	872	1445
3032	Jan-22	CCL	WIV	414	5471	5200	4414	4164	1057	1036
3033	Jan-22	CCL	WIV	2157	5471	5200	4414	4164	1057	1036
3034	Jan-22	CCL	WIV	1390	5471	5200	4414	4164	1057	1036
3035	Jan-22	CCL	G10	3888	3995	3584	3917	3271	78	313
3036	Jan-22	CCL	G10	3883	4030	3664	3684	3166	346	499
3037	Jan-22	BCCL	WV	1262	3327	3213	3876	3604	-549	-392
3038	Jan-22	BCCL	WV	1797	3146	3025	3876	3604	-730	-580
3039	Jan-22	BCCL	WVI	676	4472	4373	3876	3604	596	768
3040	Jan-22	BCCL	WV	1532	3306	3195	3180	2989	126	206
3041	Jan-22	BCCL	WV	881	3694	3635	3180	2989	514	645
3042	Jan-22	BCCL	WIV	1234	5636	5458	3180	2989	2456	2469
3043	Jan-22	CCL	G11	1993	3275	3144	3866	3364	-591	-220
3044	Jan-22	CCL	G12	1889	5233	5008	3866	3364	1367	1645
3045	Jan-22	BCCL	WIV	1133	5368	5243	3681	3453	1687	1790
3046	Jan-22	BCCL	WIV	2975	5368	5243	3681	3453	1687	1790
3047	Jan-22	CCL	G10	2070	4086	3846	3131	2759	955	1087
3048	Jan-22	CCL	G11	1932	4036	3710	3131	2759	905	951
3049	Jan-22	BCCL	WV	1026	4816	4704	3797	3516	1019	1188
3050	Jan-22	BCCL	WV	1764	4987	4856	3797	3516	1190	1340
3051	Jan-22	BCCL	WVI	797	4554	4462	3797	3516	757	946
3052	Jan-22	CCL	G8	1882	5740	5403	4915	4509	825	894
3053	Jan-22	CCL	G7	2029	5422	5153	4915	4509	507	644
3054	Jan-22	CCL	G7	2028	5839	5450	4866	4499	973	951
3055	Jan-22	CCL	G8	1910	5344	5012	4866	4499	478	513
3056	Jan-22	CCL	G8	1907	5190	4919	4088	3785	1102	1133
3057	Jan-22	CCL	G7	2027	5190	4876	4088	3785	1102	1091
3058	Jan-22	BCCL	WV	1336	4862	4695	3810	3586	1052	1109
3059	Jan-22	BCCL	WV	1844	4848	4745	3810	3586	1038	1159
3060	Jan-22	BCCL	WVI	693	4459	4342	3810	3586	649	756
3061	Jan-22	CCL	G6	2678	4424	4190	4249	3954	175	236
3062	Jan-22	CCL	WIV	1240	5141	4935	4249	3954	892	981
3063	Jan-22	CCL	G10	2052	3623	3307	3449	3081	174	226
3064	Jan-22	CCL	G11	1913	3237	2977	3449	3081	-212	-103
3065	Jan-22	BCCL	WIV	4059	5626	5496	4630	4442	996	1054
3066	Jan-22	BCCL	WV	2036	4991	4865	4015	3721	976	1144
3067	Jan-22	BCCL	WIV	1519	5323	5216	4015	3721	1308	1495
3068	Jan-22	CCL	G7	3944	5581	5251	4769	4263	812	989
3069	Jan-22	CCL	G10	2667	3664	3352	3293	2877	371	475
3070	Jan-22	CCL	G11	1267	3184	2925	3293	2877	-109	48
3071	Jan-22	CCL	G11	3864	3289	3125	2981	2632	308	493
3072	Jan-22	BCCL	WV	1292	4822	4725	4435	4151	387	573

3073	Jan-22	BCCL	WV	1858	4866	4777	4435	4151	431	626
3074	Jan-22	BCCL	WVI	710	4246	4169	4435	4151	-189	17
3075	Jan-22	CCL	WIV	552	5475	5181	4393	4094	1082	1087
3076	Jan-22	CCL	WIV	1816	5475	5181	4393	4094	1082	1087
3077	Jan-22	CCL	WIV	1672	5475	5181	4393	4094	1082	1087
3078	Jan-22	CCL	G11	3556	3231	3073	3604	3152	-373	-80
3079	Jan-22	CCL	G8	1908	5622	5134	5034	4546	588	588
3080	Jan-22	CCL	G7	2018	4981	4572	5034	4546	-53	27
3081	Jan-22	MCFL	G14	4117	3360	3117	3375	2945	-15	172
3082	Jan-22	CCL	G8	1932	5713	5440	4263	3852	1450	1588
3083	Jan-22	CCL	G7	1992	5955	5648	4263	3852	1692	1796
3084	Jan-22	CCL	WIV	411	5587	5256	4530	4240	1057	1016
3085	Jan-22	CCL	WIV	1737	5587	5256	4530	4240	1057	1016
3086	Jan-22	CCL	WIV	1760	5587	5256	4530	4240	1057	1016
3087	Jan-22	CCL	G7	1513	5119	4767	4809	4141	310	626
3088	Jan-22	CCL	G11	1338	4560	4355	4809	4141	-249	213
3089	Jan-22	CCL	G13	877	3791	3533	4809	4141	-1018	-608
3090	Jan-22	CCL	G7	3886	5522	5111	5102	4688	420	423
3091	Jan-22	BCCL	WV	1414	4856	4635	3655	3462	1201	1173
3092	Jan-22	BCCL	WV	1903	5038	4778	3655	3462	1383	1317
3093	Jan-22	BCCL	WVI	721	4420	4188	3655	3462	765	726
3094	Jan-22	MCFL	G14	3931	2916	2658	3388	3061	-472	-403
3095	Jan-22	BCCL	WIV	3775	5692	5577	4661	4471	1031	1106
3096	Jan-22	CCL	WIV	2422	4942	4582	5222	4950	-280	-368
3097	Jan-22	CCL	WIV	1444	4942	4582	5222	4950	-280	-368
3098	Jan-22	BCCL	WV	1350	4841	4626	3574	3433	1267	1194
3099	Jan-22	BCCL	WV	848	4883	4637	3574	3433	1309	1204
3100	Jan-22	BCCL	WIV	1043	5474	5268	3574	3433	1900	1835
3101	Jan-22	BCCL	WV	768	5613	5545	4852	4626	761	919
3102	Jan-22	BCCL	WIV	2914	5671	5568	4852	4626	819	941
3103	Jan-22	BCCL	WV	1206	4993	4666	4197	3973	796	693
3104	Jan-22	BCCL	WV	1899	5095	4761	4197	3973	898	788
3105	Jan-22	BCCL	WVI	666	4474	4167	4197	3973	277	194
3106	Jan-22	CCL	G8	1898	5149	4855	5827	5314	-678	-459
3107	Jan-22	CCL	G7	2026	5451	5117	5827	5314	-376	-197
3108	Jan-22	CCL	G11	3816	3402	3297	3969	3542	-567	-245
3109	Jan-22	CCL	G6	3322	4455	4117	4256	3949	199	168
3110	Jan-22	CCL	WIV	551	4593	4199	4256	3949	337	250
3111	Jan-22	CCL	G8	1898	5429	5214	5667	5230	-238	-16
3112	Jan-22	CCL	G7	2031	5496	5165	5667	5230	-171	-65
3113	Jan-22	CCL	G10	1673	4340	3962	4065	3642	275	319
3114	Jan-22	CCL	G11	2276	4133	3734	4065	3642	68	92
3115	Jan-22	CCL	G7	1681	5159	4672	4702	4106	457	566
3116	Jan-22	CCL	G11	980	4354	4008	4702	4106	-348	-98
3117	Jan-22	CCL	G13	1383	3374	3115	4702	4106	-1328	-991
3118	Jan-22	BCCL	WV	1341	5053	4961	3545	3354	1508	1607
3119	Jan-22	BCCL	WV	2023	4818	4696	3545	3354	1273	1342
3120	Jan-22	BCCL	WVI	613	4106	3911	3545	3354	561	557
3121	Jan-22	MCFL	G14	3571	3984	3654	3845	3455	139	199

3122	Jan-22	CCL	G11	3952	4787	4594	3754	3363	1033	1231
3123	Jan-22	CCL	G8	1901	5167	4915	4865	4515	302	400
3124	Jan-22	CCL	G7	2040	5160	4874	4865	4515	295	359
3125	Jan-22	CCL	G7	1580	5108	4564	3859	3518	1249	1047
3126	Jan-22	CCL	G11	1241	4209	4027	3859	3518	350	509
3127	Jan-22	CCL	G13	1120	3815	3529	3859	3518	-44	11
3128	Jan-22	CCL	G6	2622	5229	4936	4947	4568	282	368
3129	Jan-22	CCL	WIV	1380	4880	4536	4947	4568	-67	-32
3130	Jan-22	BCCL	WV	1832	5113	5015	4240	4085	873	930
3131	Jan-22	BCCL	WIV	1900	5418	5325	4240	4085	1178	1240
3132	Jan-22	BCCL	WV	505	5254	5180	4505	4277	749	902
3133	Jan-22	BCCL	WIV	2875	4779	4672	4505	4277	274	395
3134	Jan-22	BCCL	WV	1004	5416	5306	5147	4918	269	388
3135	Jan-22	BCCL	WV	218	5416	5306	5147	4918	269	388
3136	Jan-22	BCCL	WIV	2859	5663	5520	5147	4918	516	602
3137	Jan-22	MCFL	G14	3650	4251	3930	3258	2997	993	933
3138	Jan-22	BCCL	WV	1376	5212	5112	5055	4804	157	307
3139	Jan-22	BCCL	WIV	2449	4793	4701	5055	4804	-262	-103
3140	Jan-22	CCL	G8	1895	5800	5439	5604	5329	196	110
3141	Jan-22	CCL	G7	2023	5606	5309	5604	5329	2	-20
3142	Jan-22	CCL	G7	3883	5523	5201	5605	5183	-82	18
3143	Jan-22	CCL	G6	2622	4799	4597	4645	4329	154	268
3144	Jan-22	CCL	WIV	1380	5485	5225	4645	4329	840	896
3145	Jan-22	BCCL	WV	1348	5055	4887	3908	3698	1147	1188
3146	Jan-22	BCCL	WV	1915	4965	4920	3908	3698	1057	1222
3147	Jan-22	BCCL	WVI	691	4233	4207	3908	3698	325	509
3148	Jan-22	BCCL	WV	1616	3062	2960	3201	3032	-139	-72
3149	Jan-22	BCCL	WV	831	3317	3247	3201	3032	116	215
3150	Jan-22	BCCL	WIV	1017	5507	5378	3201	3032	2306	2346
3151	Jan-22	CCL	G7	2033	5748	5462	5687	5190	61	272
3152	Jan-22	CCL	G8	1904	5158	4847	5687	5190	-529	-342
3153	Jan-22	CCL	G7	1625	5264	4743	5346	4641	-82	102
3154	Jan-22	CCL	G11	960	4017	3724	5346	4641	-1329	-917
3155	Jan-22	CCL	G13	1370	3931	3636	5346	4641	-1415	-1005
3156	Jan-22	BCCL	WV	1390	4994	4747	3611	3465	1383	1283
3157	Jan-22	BCCL	WV	1530	4949	4744	3611	3465	1338	1280
3158	Jan-22	BCCL	WVI	741	4344	4287	3611	3465	733	822
3159	Jan-22	MCFL	G14	3383	3640	3363	3550	3185	90	177
3160	Jan-22	CCL	G6	2584	4611	4365	4576	4233	35	132
3161	Jan-22	CCL	WIV	1349	5152	4790	4576	4233	576	557
3162	Jan-22	BCCL	WV	3878	5006	4783	3982	3775	1024	1009
3163	Jan-22	CCL	G8	1860	5285	4947	4887	4467	398	479
3164	Jan-22	CCL	G7	2018	5133	4794	4887	4467	246	327
3165	Jan-22	BCCL	WV	1465	4940	4776	3505	3363	1435	1413
3166	Jan-22	BCCL	WV	1725	4988	4837	3505	3363	1483	1474
3167	Jan-22	CCL	G7	3935	5395	5127	4572	4284	823	844
3168	Jan-22	BCCL	WV	1299	5008	4856	4117	3884	891	972
3169	Jan-22	BCCL	WV	1658	4986	4820	4117	3884	869	936
3170	Jan-22	BCCL	WVI	1041	4165	4064	4117	3884	48	180

3171	Jan-22	MCFL	G14	3894	3563	3362	3647	3258	-84	104
3172	Jan-22	CCL	G7	1981	5772	5515	6026	5507	-254	8
3173	Jan-22	CCL	G8	1862	4931	4606	6026	5507	-1095	-900
3174	Jan-22	BCCL	WV	1085	5049	4937	3776	3615	1273	1321
3175	Jan-22	BCCL	WV	2064	4965	4820	3776	3615	1189	1204
3176	Jan-22	BCCL	WVI	797	4236	4125	3776	3615	460	509
3177	Jan-22	CCL	G7	2027	5573	5219	5205	4821	368	397
3178	Jan-22	CCL	G8	1911	5286	4955	5205	4821	81	134
3179	Jan-22	CCL	G11	3577	4916	4468	3677	3316	1239	1151
3180	Jan-22	BCCL	WV	1090	5696	5604	3847	3679	1849	1925
3181	Jan-22	BCCL	WV	2009	4105	3898	3847	3679	258	219
3182	Jan-22	BCCL	WVI	797	4116	3941	3847	3679	269	262
3183	Jan-22	CCL	G6	2622	4651	4405	4279	3972	372	433
3184	Jan-22	CCL	WIV	1380	4260	4085	4279	3972	-19	113
3185	Jan-22	CCL	G10	1248	4455	4230	3530	3147	925	1083
3186	Jan-22	CCL	G11	2754	4857	4613	3530	3147	1327	1466
3187	Jan-22	MCFL	G14	3750	3845	3605	3180	2852	665	753
3188	Jan-22	MCFL	G14	3930	3202	3001	3058	2710	144	291
3189	Feb-22	BCCL	WV	4003	5077	4867	4900	4637	177	230
3190	Feb-22	CCL	G10	1705	4626	4288	3175	2904	1451	1384
3191	Feb-22	CCL	G11	2244	4182	3793	3175	2904	1007	889
3192	Feb-22	CCL	G11	3895	4255	4003	3189	2869	1066	1134
3193	Feb-22	BCCL	WV	1020	5630	5443	3640	3432	1990	2011
3194	Feb-22	BCCL	WV	1635	3306	3183	3640	3432	-334	-249
3195	Feb-22	BCCL	WVI	1005	4003	3938	3640	3432	363	506
3196	Feb-22	CCL	G13	3995	3824	3498	3598	3054	226	444
3197	Feb-22	CCL	G12	3893	4035	3712	3734	3260	301	452
3198	Feb-22	CCL	G12	3891	4004	3746	3619	3065	385	681
3199	Feb-22	CCL	G7	3932	5519	5235	5491	5001	28	235
3200	Feb-22	BCCL	WV	1103	4060	3974	3827	3617	233	357
3201	Feb-22	BCCL	WV	1422	5569	5300	3827	3617	1742	1683
3202	Feb-22	BCCL	WVI	1495	3852	3720	3827	3617	25	103
3203	Feb-22	BCCL	WV	3812	4674	4494	5267	5038	-593	-544
3204	Feb-22	BCCL	WV	1031	5202	5087	4626	4411	576	676
3205	Feb-22	BCCL	WIV	2759	5298	5175	4626	4411	672	764
3206	Feb-22	BCCL	WIV	4051	4522	4449	4203	3914	319	535
3207	Feb-22	CCL	G7	2039	5240	4977	5312	4762	-72	215
3208	Feb-22	CCL	G8	1906	5084	4848	5312	4762	-228	87
3209	Feb-22	BCCL	WV	1330	5850	5685	4421	4136	1429	1549
3210	Feb-22	BCCL	WV	1943	5799	5618	4421	4136	1378	1482
3211	Feb-22	CCL	G6	2484	4400	4149	4518	4150	-118	-1
3212	Feb-22	CCL	WIV	1449	4157	3957	4518	4150	-361	-193
3213	Feb-22	CCL	G7	2037	5584	5350	4678	4176	906	1174
3214	Feb-22	CCL	G8	1907	5514	5292	4678	4176	836	1116
3215	Feb-22	CCL	G7	3938	5539	5274	5534	4978	5	296
3216	Feb-22	CCL	WIV	3485	4763	4496	3186	2783	1577	1713
3217	Feb-22	CCL	WIV	476	4763	4496	3186	2783	1577	1713
3218	Feb-22	BCCL	WV	1972	5022	4906	4295	4087	727	819
3219	Feb-22	BCCL	WIV	1902	5398	5257	4295	4087	1103	1170

3220	Feb-22	CCL	WIV	3620	5012	4738	4119	3708	893	1030
3221	Feb-22	CCL	WIV	414	5012	4738	4119	3708	893	1030
3222	Feb-22	CCL	G7	3872	5591	5293	5778	5167	-187	126
3223	Feb-22	BCCL	WV	1156	4714	4566	4175	3960	539	606
3224	Feb-22	BCCL	WV	2720	4968	4607	4175	3960	793	647
3225	Feb-22	CCL	WIV	3551	5729	5437	4651	4279	1078	1158
3226	Feb-22	CCL	WIV	343	5729	5437	4651	4279	1078	1158
3227	Feb-22	CCL	G6	2346	4953	4739	4785	4370	168	369
3228	Feb-22	CCL	WIV	1587	4481	4287	4785	4370	-304	-83
3229	Feb-22	BCCL	WIV	4052	5341	5168	4460	4176	881	992
3230	Feb-22	CCL	WIV	3976	6022	5891	3827	3280	2195	2610
3231	Feb-22	BCCL	WV	1151	5910	5672	3994	3794	1916	1878
3232	Feb-22	BCCL	WV	2432	5781	5589	3994	3794	1787	1795
3233	Feb-22	BCCL	WV	1292	5609	5440	4052	3794	1557	1646
3234	Feb-22	BCCL	WV	2600	3931	3856	4052	3794	-121	62
3235	Feb-22	BCCL	WV	1360	4651	4548	3513	3310	1138	1238
3236	Feb-22	BCCL	WV	1879	5005	4884	3513	3310	1492	1574
3237	Feb-22	BCCL	WV	690	5057	4889	3513	3310	1544	1579
3238	Feb-22	BCCL	WIV	3945	5529	5395	4002	3768	1527	1628
3239	Feb-22	CCL	G6	2415	4948	4734	4393	4097	555	637
3240	Feb-22	CCL	WIV	1587	4818	4644	4393	4097	425	547
3241	Feb-22	BCCL	WV	1296	5008	4902	3533	3338	1475	1564
3242	Feb-22	BCCL	WV	1943	5005	4854	3533	3338	1472	1515
3243	Feb-22	BCCL	WVI	689	5654	5546	3533	3338	2121	2207
3244	Feb-22	CCL	G7	1682	5732	5396	5143	4527	589	869
3245	Feb-22	CCL	G11	1592	3945	3648	5143	4527	-1198	-879
3246	Feb-22	CCL	G13	599	3912	3628	5143	4527	-1231	-899
3247	Feb-22	CCL	G7	2021	4929	4691	5732	5193	-803	-502
3248	Feb-22	CCL	G8	1900	5108	4917	5732	5193	-624	-276
3249	Feb-22	CCL	WIV	4026	5390	5163	4100	3838	1290	1325
3250	Feb-22	CCL	WIV	4076	5044	4804	4522	4278	522	526
3251	Feb-22	CCL	G6	2553	4544	4367	4415	4096	129	271
3252	Feb-22	CCL	WIV	1380	4876	4686	4415	4096	461	590
3253	Feb-22	CCL	WIV	3641	5486	5163	4481	4191	1005	973
3254	Feb-22	CCL	WIV	414	5486	5163	4481	4191	1005	973
3255	Feb-22	CCL	WIV	3968	5717	5561	5182	4789	535	772
3256	Feb-22	BCCL	WV	1409	4813	4624	3682	3467	1131	1156
3257	Feb-22	BCCL	WV	2602	4867	4593	3682	3467	1185	1126
3258	Feb-22	CCL	G7	2035	5584	5296	5206	4723	378	574
3259	Feb-22	CCL	G8	1830	5149	4952	5206	4723	-57	229
3260	Feb-22	CCL	G7	1408	5185	4760	4038	3582	1147	1178
3261	Feb-22	CCL	G11	1345	4012	3824	4038	3582	-26	242
3262	Feb-22	CCL	G13	1023	4032	3854	4038	3582	-6	271
3263	Feb-22	BCCL	WV	621	5715	5566	4789	4562	926	1004
3264	Feb-22	BCCL	WV	828	5715	5566	4789	4562	926	1004
3265	Feb-22	BCCL	WIV	2484	4854	4732	4789	4562	65	170
3266	Feb-22	CCL	G7	2036	5493	5165	5098	4618	395	546
3267	Feb-22	CCL	G8	1891	5457	5089	5098	4618	359	470
3268	Feb-22	CCL	WIV	3390	5375	5065	4888	4591	487	474

3269	Feb-22	CCL	WIV	621	5375	5065	4888	4591	487	474
3270	Feb-22	CCL	G6	3312	4443	4252	4472	4157	-29	94
3271	Feb-22	CCL	WIV	690	4436	4240	4472	4157	-36	83
3272	Feb-22	CCL	WIV	3795	4674	4433	4995	4738	-321	-304
3273	Feb-22	CCL	WIV	199	4674	4433	4995	4738	-321	-304
3274	Feb-22	BCCL	WV	2579	4924	4859	3836	3516	1088	1344
3275	Feb-22	BCCL	WV	1442	4924	4859	3836	3516	1088	1344
3276	Feb-22	BCCL	WV	2378	5042	4879	3895	3680	1147	1200
3277	Feb-22	BCCL	WV	1722	5042	4879	3895	3680	1147	1200
3278	Feb-22	CCL	G6	2070	5096	4881	4219	3872	877	1009
3279	Feb-22	CCL	WIV	1863	4930	4672	4219	3872	711	800
3280	Feb-22	CCL	WIV	3920	5413	5167	4723	4442	690	725
3281	Feb-22	BCCL	WV	2864	4981	4891	3553	3349	1428	1541
3282	Feb-22	BCCL	WV	1181	4981	4891	3553	3349	1428	1541
3283	Feb-22	CCL	WIV	3026	5551	5330	4806	4499	745	831
3284	Feb-22	CCL	WIV	966	5551	5330	4806	4499	745	831
3285	Feb-22	CCL	WV	4085	4632	4528	3987	3763	645	766
3286	Feb-22	BCCL	WV	511	5826	5674	4996	4749	830	924
3287	Feb-22	BCCL	WV	722	5826	5674	4996	4749	830	924
3288	Feb-22	BCCL	WIV	2922	6075	5934	4996	4749	1079	1185
3289	Feb-22	BCCL	WVI	314	4458	4219	3888	3638	570	581
3290	Feb-22	BCCL	WIV	2278	5391	5168	3888	3638	1503	1530
3291	Feb-22	BCCL	WIV	1103	5659	5409	3888	3638	1771	1771
3292	Feb-22	BCCL	WV	2622	4980	4844	3595	3381	1385	1463
3293	Feb-22	BCCL	WV	1379	4980	4844	3595	3381	1385	1463
3294	Feb-22	CCL	G7	2049	5176	4849	5335	4844	-159	5
3295	Feb-22	CCL	G7	1746	5469	5139	3764	3442	1705	1697
3296	Feb-22	CCL	G11	1037	4210	4070	3764	3442	446	627
3297	Feb-22	CCL	G13	1196	3923	3801	3764	3442	159	359
3298	Feb-22	CCL	WIV	3104	5708	5528	4042	3803	1666	1725
3299	Feb-22	CCL	WIV	897	5708	5528	4042	3803	1666	1725
3300	Feb-22	BCCL	WV	1989	4906	4807	3327	3199	1579	1608
3301	Feb-22	BCCL	WV	2002	4906	4807	3327	3199	1579	1608
3302	Feb-22	CCL	G7	3945	5392	5179	4925	4562	467	616
3303	Feb-22	CCL	G13	3957	3423	3039	3735	3236	-312	-197
3304	Feb-22	CCL	G7	2036	5400	5144	4590	4163	810	982
3305	Feb-22	CCL	G8	1907	5271	5029	4590	4163	681	866
3306	Feb-22	BCCL	WV	2599	5579	5455	4793	4546	786	909
3307	Feb-22	BCCL	WIV	1303	5568	5461	4793	4546	775	915
3308	Feb-22	CCL	WIV	3483	4219	4105	4155	3897	64	209
3309	Feb-22	CCL	WIV	552	4219	4105	4155	3897	64	209
3310	Feb-22	BCCL	WV	1966	4692	4588	3435	3258	1257	1330
3311	Feb-22	BCCL	WV	1996	4692	4588	3435	3258	1257	1330
3312	Feb-22	CCL	G10	1725	4074	3915	3400	3005	674	910
3313	Feb-22	CCL	G11	2277	4401	4143	3400	3005	1001	1138
3314	Feb-22	CCL	G6	2070	5411	5101	3945	3653	1466	1449
3315	Feb-22	CCL	WIV	1932	5411	5134	3945	3653	1466	1482
3316	Feb-22	BCCL	WV	1696	4598	4473	4473	4206	125	267
3317	Feb-22	BCCL	WIV	2199	5115	4971	4473	4206	642	765

3318	Feb-22	BCCL	WV	1789	4986	4855	3435	3213	1551	1643
3319	Feb-22	BCCL	WV	2402	4986	4855	3435	3213	1551	1643
3320	Feb-22	CCL	WIV	3058	4781	4583	4934	4613	-153	-31
3321	Feb-22	CCL	WIV	820	4781	4583	4934	4613	-153	-31
3322	Feb-22	CCL	NCWP	3768	4727	4654	3595	3251	1132	1403
3323	Feb-22	BCCL	WIV	1200	5727	5553	4207	3944	1520	1609
3324	Feb-22	BCCL	WIV	2702	5410	5153	4207	3944	1203	1209
3325	Feb-22	CCL	NCWP	3739	4665	4584	3605	3246	1060	1338
3326	Feb-22	BCCL	WV	2376	4883	4804	3318	3104	1565	1700
3327	Feb-22	BCCL	WV	1525	4883	4804	3318	3104	1565	1700
3328	Feb-22	BCCL	WV	1434	4800	4679	4903	4676	-103	3
3329	Feb-22	BCCL	WIV	2459	5574	5473	4903	4676	671	797
3330	Feb-22	CCL	WIV	3524	5064	4968	3851	3619	1213	1348
3331	Feb-22	CCL	WIV	345	5064	4968	3851	3619	1213	1348
3332	Feb-22	CCL	NCWP	3557	4876	4736	3874	3527	1002	1209
3333	Feb-22	BCCL	WIV	3604	5577	5346	4242	3951	1335	1395
3334	Feb-22	CCL	WV	3984	5062	4934	4660	4411	402	524
3335	Feb-22	CCL	NCWP	3611	5130	4979	4188	3785	942	1194
3336	Feb-22	CCL	WIV	3120	5152	4927	4152	3879	1000	1048
3337	Feb-22	CCL	WIV	828	5152	4927	4152	3879	1000	1048
3338	Feb-22	BCCL	WIV	636	5828	5640	3641	3446	2187	2194
3339	Feb-22	BCCL	WIV	318	5828	5640	3641	3446	2187	2194
3340	Feb-22	BCCL	WIV	2733	5828	5640	3641	3446	2187	2194
3341	Feb-22	CCL	NCWP	3588	4944	4877	4058	3591	886	1286
3342	Feb-22	BCCL	WV	2091	4833	4804	3782	3557	1051	1247
3343	Feb-22	BCCL	WV	1933	4833	4804	3782	3557	1051	1247
3344	Feb-22	CCL	NCWP	3435	5267	5183	4084	3723	1183	1461
3345	Feb-22	BCCL	WV	4040	4604	4493	3458	3311	1146	1182
3346	Feb-22	CCL	NCWP	3614	5569	5395	3779	3459	1790	1935
3347	Feb-22	CCL	NCWP	3617	5481	5370	4136	3758	1345	1611
3348	Feb-22	CCL	WIV	3955	5432	5195	5376	5003	56	192
3349	Feb-22	BCCL	WIV	3893	5473	5230	3411	3276	2062	1954
3350	Feb-22	CCL	WIV	3993	5409	5152	4864	4627	545	525
3351	Feb-22	BCCL	WV	2024	4909	4855	3077	2872	1832	1983
3352	Feb-22	BCCL	WV	2024	4909	4855	3077	2872	1832	1983
3353	Feb-22	CCL	NCWP	3605	4323	4127	4125	3781	198	346
3354	Feb-22	BCCL	WIV	3568	5481	5221	4506	4300	975	921
3355	Feb-22	CCL	NCWP	3652	3632	3383	4227	3841	-595	-459
3356	Feb-22	BCCL	WV	2159	4941	4876	3419	3256	1522	1620
3357	Feb-22	BCCL	WV	1961	4941	4876	3419	3256	1522	1620
3358	Feb-22	CCL	NCWP	3514	4867	4783	3951	3603	916	1181
3359	Feb-22	BCCL	WV	2119	5015	4964	3119	2964	1896	2000
3360	Feb-22	BCCL	WV	2041	5015	4964	3119	2964	1896	2000
3361	Feb-22	MCFL	G14	3918	3350	3083	4739	4143	-1389	-1060
3362	Feb-22	CCL	WIV	4087	5140	4903	5084	4675	56	229
3363	Feb-22	CCL	NCWP	3533	4467	4147	4470	4093	-3	54
3364	Feb-22	CCL	WIV	3986	5688	5539	4488	4266	1200	1273
3365	Feb-22	CCL	NCWP	3530	4773	4568	4044	3714	729	854
3366	Feb-22	CCL	G13	3993	3414	3108	3424	2996	-10	113

3367	Feb-22	BCCL	WV	3652	4894	4696	4292	4097	602	599
3368	Feb-22	CCL	WIV	3901	5426	5295	4727	4469	699	826
3369	Feb-22	CCL	NCWP	3660	5231	5046	4540	4101	691	945
3370	Feb-22	CCL	NCWP	3638	5412	5253	4184	3782	1228	1471
3371	Feb-22	CCL	WIV	4045	5414	5157	5010	4683	404	474
3372	Feb-22	BCCL	WV	2471	5001	4966	3495	3357	1506	1608
3373	Feb-22	BCCL	WV	1711	5001	4966	3495	3357	1506	1608
3374	Feb-22	CCL	NCWP	3723	4737	4551	4569	4133	168	418
3375	Feb-22	CCL	WIV	3883	4811	4623	5013	4645	-202	-23
3376	Feb-22	BCCL	WV	686	6172	6017	5138	4950	1034	1067
3377	Feb-22	BCCL	WIV	3282	5931	5811	5138	4950	793	861
3378	Feb-22	CCL	NCWP	3696	4782	4676	4661	4170	121	506
3379	Feb-22	CCL	WIV	3926	5229	5001	4994	4663	235	338
3380	Feb-22	BCCL	WV	2449	4921	4866	3253	3102	1668	1764
3381	Feb-22	BCCL	WV	1639	4921	4866	3253	3102	1668	1764
3382	Feb-22	CCL	WIV	3997	5197	4954	3967	3722	1230	1232
3383	Feb-22	CCL	NCWP	3765	4413	4191	4367	3895	46	295
3384	Feb-22	CCL	NCWP	3742	4576	4421	4467	3927	109	494
3385	Feb-22	CCL	NCWP	3581	4921	4699	3899	3521	1022	1178
3386	Feb-22	CCL	WIV	3951	5363	5059	4674	4423	689	637
3387	Feb-22	CCL	NCWP	3765	4918	4648	4244	3822	674	826
3388	Feb-22	CCL	WIV	3906	5598	5242	4766	4511	832	732
3389	Feb-22	CCL	NCWP	3648	5063	4714	4066	3702	997	1011
3390	Feb-22	CCL	NCWP	3683	4906	4604	4343	3989	563	615
3391	Feb-22	BCCL	WV	2178	5087	5010	3564	3384	1523	1626
3392	Feb-22	BCCL	WV	1827	5087	5010	3564	3384	1523	1626
3393	Feb-22	BCCL	WV	1987	5173	5090	3740	3548	1433	1542
3394	Feb-22	BCCL	WV	1931	5173	5090	3740	3548	1433	1542
3395	Feb-22	BCCL	WV	2224	5089	4925	3512	3328	1577	1597
3396	Feb-22	BCCL	WV	1742	5089	4925	3512	3328	1577	1597
3397	Feb-22	CCL	NCWP	3729	4323	4068	4243	3832	80	236
3398	Feb-22	BCCL	WV	2302	5132	5070	3344	3172	1788	1898
3399	Feb-22	BCCL	WV	1616	5132	5070	3344	3172	1788	1898
3400	Feb-22	CCL	G6	1518	5339	5114	3721	3497	1618	1617
3401	Feb-22	CCL	WIV	2415	4951	4724	3721	3497	1230	1227
3402	Feb-22	CCL	NCWP	3755	4148	3910	4005	3632	143	278
3403	Feb-22	BCCL	WV	798	4958	4818	3574	3382	1384	1436
3404	Feb-22	BCCL	WV	3115	4958	4818	3574	3382	1384	1436
3405	Feb-22	CCL	WIV	3821	5206	4905	4383	4143	823	762
3406	Feb-22	CCL	WIV	3923	5567	5329	5006	4724	561	605
3407	Feb-22	CCL	G11	2784	3496	3340	4131	3800	-635	-460
3408	Feb-22	CCL	G8	894	5133	5047	4131	3800	1002	1247
3409	Feb-22	BCCL	WV	1888	3861	3784	4021	3817	-160	-34
3410	Feb-22	BCCL	WV	2018	3861	3784	4021	3817	-160	-34
3411	Feb-22	CCL	NCWP	3770	4779	4512	4113	3721	666	791
3412	Mar-22	BCCL	WIV	3935	5485	5346	4665	4429	820	917
3413	Mar-22	CCL	NCWP	3690	4295	3930	4052	3639	243	290
3414	Mar-22	CCL	WIV	3902	5013	4800	3940	3708	1073	1092
3415	Mar-22	BCCL	WIV	1914	5526	5353	4466	4249	1060	1104

3416	Mar-22	BCCL	WIV	1809	5511	5389	4611	4378	900	1011
3417	Mar-22	CCL	NCWP	3752	5136	4777	4181	3730	955	1046
3418	Mar-22	BCCL	WV	988	4897	4793	4189	3994	708	799
3419	Mar-22	BCCL	WIV	3184	5015	4909	4189	3994	826	915
3420	Mar-22	CCL	WIV	3803	5439	5180	4345	3990	1094	1189
3421	Mar-22	BCCL	WV	4100	5126	5033	3418	3259	1708	1774
3422	Mar-22	BCCL	WIV	3577	5558	5457	4364	4148	1194	1309
3423	Mar-22	CCL	NCWP	3788	5028	4674	4134	3737	894	938
3424	Mar-22	CCL	NCWP	3722	4701	4456	4242	3835	459	621
3425	Mar-22	BCCL	WV	884	5825	5707	4532	4317	1293	1390
3426	Mar-22	BCCL	WV	1360	5825	5707	4532	4317	1293	1390
3427	Mar-22	BCCL	WIV	1632	5652	5549	4532	4317	1120	1232
3428	Mar-22	CCL	NCWP	3870	4773	4402	4150	3703	623	700
3429	Mar-22	CCL	WIV	3992	4963	4752	4643	4277	320	474
3430	Mar-22	BCCL	WIV	3999	5076	5010	3559	3411	1517	1598
3431	Mar-22	CCL	NCWP	3629	4457	4199	4089	3728	368	472
3432	Mar-22	BCCL	WIV	3649	5718	5528	4482	4287	1236	1241
3433	Mar-22	BCCL	WV	1120	5531	5447	4671	4496	860	951
3434	Mar-22	BCCL	WV	772	5531	5447	4671	4496	860	951
3435	Mar-22	BCCL	WIV	2139	5384	5275	4671	4496	713	779
3436	Mar-22	CCL	NCWP	3597	4861	4543	4226	3890	635	652
3437	Mar-22	CCL	WIV	3952	5120	4913	4923	4607	197	306
3438	Mar-22	BCCL	WV	4093	5125	5053	3272	3100	1853	1953
3439	Mar-22	CCL	NCWP	3704	5048	4888	4003	3590	1045	1298
3440	Mar-22	CCL	G6	2066	5772	5546	4054	3818	1718	1728
3441	Mar-22	CCL	WIV	2001	4003	3818	4054	3818	-51	1
3442	Mar-22	CCL	WIV	4112	5366	5133	4998	4735	368	398
3443	Mar-22	CCL	NCWP	3849	5260	4918	4267	3808	993	1111
3444	Mar-22	BCCL	WIV	3493	5619	5432	3907	3714	1712	1718
3445	Mar-22	CCL	WIV	3842	5035	4780	5130	4782	-95	-2
3446	Mar-22	BCCL	WIV	3962	5871	5758	4115	3870	1756	1888
3447	Mar-22	BCCL	WV	3889	5241	5045	4940	4686	301	359
3448	Mar-22	BCCL	WIV	939	5661	5529	4506	4274	1155	1256
3449	Mar-22	BCCL	WIV	251	5661	5529	4506	4274	1155	1256
3450	Mar-22	BCCL	WIV	2442	5661	5529	4506	4274	1155	1256
3451	Mar-22	CCL	NCWP	3606	5284	4732	4206	3772	1078	960
3452	Mar-22	CCL	NCWP	3595	4968	4731	4287	3835	681	897
3453	Mar-22	BCCL	WV	1375	5253	5152	4868	4657	385	496
3454	Mar-22	BCCL	WV	1499	5253	5152	4868	4657	385	496
3455	Mar-22	BCCL	WIV	970	5795	5655	4868	4657	927	998
3456	Mar-22	CCL	NCWP	3563	5107	5002	4331	3889	776	1113
3457	Mar-22	CCL	WIV	3751	5307	5060	4753	4458	554	602
3458	Mar-22	BCCL	WIV	3999	5651	5491	4621	4415	1030	1077
3459	Mar-22	CCL	G8	838	4906	4534	4051	3756	855	777
3460	Mar-22	CCL	G11	2905	4194	3827	4051	3756	143	71
3461	Mar-22	BCCL	WV	1888	6037	5915	4511	4260	1526	1656
3462	Mar-22	BCCL	WIV	1849	6083	5917	4511	4260	1572	1658
3463	Mar-22	CCL	G6	2752	4864	4643	4224	4037	640	606
3464	Mar-22	CCL	WIV	1242	4575	4343	4224	4037	351	306

3465	Mar-22	CCL	WIV	3695	5228	5031	4762	4468	466	563
3466	Mar-22	CCL	WIV	3980	4682	4459	4201	3937	481	522
3467	Mar-22	CCL	NCWP	3553	5143	4894	4083	3752	1060	1142
3468	Mar-22	BCCL	WIV	3631	5593	5424	4170	3937	1423	1487
3469	Mar-22	CCL	G10	959	4541	4487	3479	3194	1062	1293
3470	Mar-22	CCL	G11	1208	4045	3919	3479	3194	566	725
3471	Mar-22	CCL	G12	1736	3867	3722	3479	3194	388	528
3472	Mar-22	BCCL	WV	3869	5045	4974	4200	4034	845	939
3473	Mar-22	CCL	G10	2060	4893	4752	3287	3052	1606	1699
3474	Mar-22	CCL	G11	1913	4556	4291	3287	3052	1269	1238
3475	Mar-22	CCL	NCWP	3608	4760	4631	4297	3917	463	715
3476	Mar-22	CCL	WIV	3862	4857	4637	4459	4221	398	416
3477	Mar-22	BCCL	WIV	822	5863	5721	4408	4203	1455	1518
3478	Mar-22	BCCL	WIV	3012	5863	5721	4408	4203	1455	1518
3479	Mar-22	CCL	WIV	3925	4708	4523	3787	3544	921	979
3480	Mar-22	CCL	G10	2025	4534	4377	2916	2607	1618	1771
3481	Mar-22	CCL	G11	1884	4670	4420	2916	2607	1754	1813
3482	Mar-22	CCL	NCWP	3826	4811	4503	4134	3713	677	790
3483	Mar-22	BCCL	WIV	3720	5570	5413	4197	3908	1373	1505
3484	Mar-22	BCCL	WV	2454	5325	5451	4284	4085	1041	1366
3485	Mar-22	BCCL	WIV	1352	3804	3712	4284	4085	-480	-373
3486	Mar-22	CCL	WIV	3892	4877	4651	4638	4331	239	320
3487	Mar-22	BCCL	WIV	3661	5601	5420	4471	4290	1130	1130
3488	Mar-22	CCL	G10	1229	3919	3843	3327	3082	592	761
3489	Mar-22	CCL	G11	1204	4231	4107	3327	3082	904	1025
3490	Mar-22	CCL	G12	1354	3846	3788	3327	3082	519	706
3491	Mar-22	CCL	G10	1097	3629	3496	3542	3318	87	178
3492	Mar-22	CCL	G11	1118	3853	3684	3542	3318	311	365
3493	Mar-22	CCL	G12	1410	3760	3574	3542	3318	218	256
3494	Mar-22	BCCL	WV	1950	4837	4759	3891	3703	946	1056
3495	Mar-22	BCCL	WV	1925	4837	4759	3891	3703	946	1056
3496	Mar-22	CCL	WIV	4019	4984	4765	4425	4190	559	575
3497	Mar-22	BCCL	WIV	806	5071	4933	4419	4240	652	693
3498	Mar-22	BCCL	WIV	372	5071	4933	4419	4240	652	693
3499	Mar-22	BCCL	WIV	2357	5071	4933	4419	4240	652	693
3500	Mar-22	CCL	NCWP	3709	5327	4945	3929	3593	1398	1352
3501	Mar-22	CCL	WIV	4018	4817	4724	4307	4061	510	663
3502	Mar-22	BCCL	WV	1967	4916	4812	3915	3717	1001	1094
3503	Mar-22	BCCL	WV	1891	4916	4812	3915	3717	1001	1094
3504	Mar-22	CCL	G11	3771	4078	3910	4091	3803	-13	107
3505	Mar-22	CCL	G11	2635	3558	3373	2632	2415	926	958
3506	Mar-22	CCL	G13	1361	3938	3694	2632	2415	1306	1279
3507	Mar-22	CCL	WIV	4048	5028	4817	4825	4488	203	329
3508	Mar-22	CCL	G10	747	4297	4093	3458	3199	839	894
3509	Mar-22	CCL	G11	1436	4257	4125	3458	3199	799	926
3510	Mar-22	CCL	G12	1750	4246	4025	3458	3199	788	826
3511	Mar-22	BCCL	WV	1425	6060	5938	5304	5040	756	897
3512	Mar-22	BCCL	WIV	2346	6029	5914	5304	5040	725	873
3513	Mar-22	BCCL	WV	1709	4993	4922	3966	3789	1027	1133

3514	Mar-22	BCCL	WV	1694	4993	4922	3966	3789	1027	1133
3515	Mar-22	CCL	G10	1020	4464	4339	3455	3171	1009	1168
3516	Mar-22	CCL	G11	1205	4226	4104	3455	3171	771	932
3517	Mar-22	CCL	G12	1669	3913	3792	3455	3171	458	620
3518	Mar-22	CCL	G11	3701	3996	3885	2657	2462	1339	1423
3519	Mar-22	BCCL	WV	1216	5922	5791	4682	4454	1240	1337
3520	Mar-22	BCCL	WIV	2956	5709	5582	4682	4454	1027	1128
3521	Mar-22	CCL	NCWP	3624	5158	4975	3764	3434	1394	1541
3522	Mar-22	CCL	NCWP	3786	5149	4781	3885	3605	1264	1176
3523	Mar-22	BCCL	WV	747	4888	4770	3425	3259	1463	1511
3524	Mar-22	BCCL	WV	2889	4888	4770	3425	3259	1463	1511
3525	Mar-22	CCL	WIV	3829	4693	4531	4638	4375	55	157
3526	Mar-22	BCCL	WIV	616	5900	5757	4032	3832	1868	1925
3527	Mar-22	BCCL	WIV	274	5900	5757	4032	3832	1868	1925
3528	Mar-22	BCCL	WIV	3078	5900	5757	4032	3832	1868	1925
3529	Mar-22	CCL	NCWP	3732	4846	4498	3813	3478	1033	1019
3530	Mar-22	BCCL	WV	1729	5634	5526	4918	4719	716	807
3531	Mar-22	BCCL	WIV	2277	5443	5344	4918	4719	525	625
3532	Mar-22	CCL	G10	847	4789	4590	3682	3267	1107	1323
3533	Mar-22	CCL	G11	1193	4350	4192	3682	3267	668	925
3534	Mar-22	CCL	G12	1571	4427	4267	3682	3267	745	999
3535	Mar-22	CCL	NCWP	3773	5177	4934	4035	3673	1142	1261
3536	Mar-22	CCL	G11	2163	3518	3312	2833	2562	685	750
3537	Mar-22	CCL	G13	1710	3943	3738	2833	2562	1110	1175
3538	Mar-22	BCCL	WV	1698	5793	5635	4350	4170	1443	1465
3539	Mar-22	BCCL	WIV	2176	5476	5343	4350	4170	1126	1174
3540	Mar-22	CCL	G11	3898	3983	3877	2172	2022	1811	1854
3541	Mar-22	CCL	NCWP	3780	4928	4660	3920	3605	1008	1055
3542	Mar-22	CCL	G10	831	4676	4447	3568	3225	1108	1222
3543	Mar-22	CCL	G11	1185	4258	4108	3568	3225	690	883
3544	Mar-22	CCL	G12	1716	3859	3707	3568	3225	291	482
3545	Mar-22	CCL	NCWP	3783	5073	4856	3609	3356	1464	1500
3546	Mar-22	CCL	G11	3890	4142	3900	2906	2636	1236	1264
3547	Mar-22	BCCL	WV	1587	5572	5471	5025	4807	547	664
3548	Mar-22	BCCL	WIV	2377	5592	5490	5025	4807	567	684
3549	Mar-22	CCL	WIV	3924	4931	4676	4880	4638	51	38
3550	Mar-22	CCL	NCWP	3767	4726	4491	4041	3780	685	710
3551	Mar-22	CCL		4014	3851	3628	2981	2781	870	847
3552	Mar-22	CCL	NCWP	3674	5092	4717	4070	3815	1022	902
3553	Mar-22	CCL	NCWP	3760	5472	5267	4036	3745	1436	1522
3554	Mar-22	CCL	G11	2972	3702	3483	2956	2700	746	783
3555	Mar-22	CCL	G13	1002	3823	3602	2956	2700	867	901
3556	Mar-22	CCL	G11	3540	3788	3650	4046	3762	-258	-112
3557	Mar-22	CCL	G10	786	4046	3908	3380	3121	666	787
3558	Mar-22	CCL	G11	1476	4262	4157	3380	3121	882	1036
3559	Mar-22	CCL	G12	1523	3435	3274	3380	3121	55	153
3560	Mar-22	CCL	G12	3663	3835	3683	3926	3540	-91	143
3561	Mar-22	CCL	WIV	3961	5153	4965	4466	4198	687	766
3562	Mar-22	BCCL	WIV	247	5695	5574	4723	4456	972	1118

3563	Mar-22	BCCL	WIV	3274	5695	5574	4723	4456	972	1118
3564	Mar-22	CCL	G6	2070	4651	4389	4016	3787	635	602
3565	Mar-22	CCL	WIV	1863	4643	4415	4016	3787	627	628
3566	Mar-22	CCL	G10	1223	3579	3435	3370	3068	209	367
3567	Mar-22	CCL	G11	1420	4150	3970	3370	3068	780	902
3568	Mar-22	CCL	G12	1301	3588	3391	3370	3068	218	323
3569	Mar-22	CCL	G11	3700	3782	3620	4435	4184	-653	-564
3570	Mar-22	BCCL	WV	1292	3863	3847	3776	3582	87	266
3571	Mar-22	BCCL	WV	2652	3863	3847	3776	3582	87	266
3572	Mar-22	CCL	NCWP	3789	4965	4753	4119	3827	846	926
3573	Mar-22	CCL	G11	3689	4011	3880	2871	2609	1140	1271
3574	Mar-22	CCL	WIV	3685	5378	5127	5058	4771	320	356
3575	Mar-22	CCL	G7	3925	5164	4881	4893	4527	271	354
3576	Mar-22	CCL	NCWP	3670	4899	4732	4214	4006	685	727
3577	Mar-22	CCL	G7	3886	5479	5211	3639	3462	1840	1749
3578	Mar-22	BCCL	WV	552	5653	5539	5010	4767	643	772
3579	Mar-22	BCCL	WIV	3443	5579	5450	5010	4767	569	683
3580	Mar-22	CCL	NCWP	3811	5301	4965	4202	3852	1099	1114
3581	Mar-22	CCL	G7	2592	5682	5403	4691	4371	991	1032
3582	Mar-22	CCL	G8	1358	5434	5147	4691	4371	743	775
3583	Mar-22	CCL	NCWP	3754	5129	4863	4251	3947	878	916
3584	Mar-22	CCL	WIV	3931	5696	5460	4906	4646	790	814
3585	Mar-22	CCL	NCWP	3650	5353	5042	3999	3854	1354	1188
3586	Mar-22	BCCL	WV	3014	3744	3691	3798	3579	-54	112
3587	Mar-22	BCCL	WV	1177	3744	3691	3798	3579	-54	112
3588	Mar-22	CCL	G13	1761	3572	3478	5593	5084	-2021	-1606
3589	Mar-22	CCL	G11	753	5967	5870	5593	5084	374	786
3590	Mar-22	CCL	G7	1659	5967	5382	5593	5084	374	298
3591	Mar-22	CCL	G10	504	4568	4328	3831	3663	737	664
3592	Mar-22	CCL	G11	1714	4259	4008	3831	3663	428	345
3593	Mar-22	CCL	G12	1390	3844	3662	3831	3663	13	-1
3594	Mar-22	CCL	NCWP	3668	5325	5011	4243	4094	1082	918
3595	Mar-22	CCL	WIV	4068	4265	4066	4464	4251	-199	-185
3596	Mar-22	CCL	G11	2528	4107	3924	2499	2261	1608	1663
3597	Mar-22	CCL	G13	1299	3305	3114	2499	2261	806	853
3598	Mar-22	CCL	NCWP	3717	4879	4619	4237	3902	642	717
3599	Mar-22	CCL	WIV	3917	5779	5510	4320	4092	1459	1418
3600	Mar-22	BCCL	WV	2761	3803	3757	3802	3621	1	136
3601	Mar-22	BCCL	WV	1160	3803	3757	3802	3621	1	136
3602	Mar-22	CCL	NCWP	3715	4639	4407	4179	3853	460	554
3603	Mar-22	CCL	G11	3729	4479	4239	3822	3552	657	687
3604	Mar-22	CCL	WIV	3903	4316	4116	4510	4282	-194	-166
3605	Mar-22	CCL	NCWP	3716	4826	4559	4261	3874	565	685
3606	Mar-22	CCL	G7	3853	4820	4605	5216	4916	-396	-311
3607	Mar-22	CCL	NCWP	3634	5190	4930	4258	3929	932	1001
3608	Mar-22	CCL	G6	2055	5094	4880	4705	4426	389	454
3609	Mar-22	CCL	WIV	1892	5302	5048	4705	4426	597	622
3610	Mar-22	CCL	WIV	4056	4931	4707	4650	4377	281	330
3611	Mar-22	CCL	G7	3948	5360	5133	5683	5305	-323	-171

3612	Mar-22	CCL	NCWP	3672	4913	4540	3824	3569	1089	970
3613	Mar-22	BCCL	WIV	2045	5690	5524	3466	3283	2224	2241
3614	Mar-22	BCCL	WIV	1598	5690	5524	3466	3283	2224	2241
3615	Mar-22	BCCL	WIV	128	5690	5524	3466	3283	2224	2241
3616	Mar-22	CCL	WIV	4049	5014	4796	4394	4158	620	638
3617	Mar-22	CCL	NCWP	3670	4892	4507	4192	3829	700	678
3618	Mar-22	CCL	G12	3814	3457	3321	3835	3333	-378	-12
3619	Mar-22	BCCL	G8	3936	5362	5308	4040	3852	1322	1456
3620	Mar-22	CCL	G7	3985	5120	4923	4507	4177	613	746
3621	Mar-22	CCL	NCWP	3656	5078	4827	4067	3671	1011	1156
3622	Mar-22	CCL	WIV	3914	5103	4877	5170	4919	-67	-42
3623	Mar-22	CCL	G10	1159	3529	3424	3530	3230	-1	195
3624	Mar-22	CCL	G11	980	3899	3762	3530	3230	369	532
3625	Mar-22	BCCL	WV	598	5520	5409	5274	5029	246	380
3626	Mar-22	BCCL	WIV	3016	5548	5453	5274	5029	274	424
3627	Mar-22	CCL	G10	3041	3528	3372	3499	3156	29	216
3628	Mar-22	CCL	G11	866	3964	3863	3499	3156	465	706
3629	Mar-22	BCCL	WV	272	5761	5639	5033	4794	728	845
3630	Mar-22	BCCL	WIV	3595	5520	5392	5033	4794	487	598
3631	Mar-22	CCL	NCWP	3704	5264	5212	3881	3521	1383	1691
3632	Mar-22	CCL	NCWP	3768	6093	5978	3954	3648	2139	2330
3633	Mar-22	CCL	NCWP	3687	4725	4406	3837	3480	888	925
3634	Mar-22	BCCL	G10	3894	5815	5691	4305	4079	1510	1613
3635	Mar-22	CCL	NCWP	3708	4517	4233	4037	3667	480	567
3636	Mar-22	BCCL	WV	630	4935	4865	3992	3766	943	1099
3637	Mar-22	BCCL	WV	3087	4935	4865	3992	3766	943	1099
3638	Mar-22	CCL	NCWP	3687	4629	4295	3921	3531	708	763
3639	Mar-22	CCL	G10	2574	3882	3795	3675	3290	207	505
3640	Mar-22	CCL	G11	1242	3439	3307	3675	3290	-236	17
3641	Mar-22	CCL	NCWP	3603	5425	5135	3900	3559	1525	1576
3642	Mar-22	CCL	G12	3802	3644	3527	3538	3172	106	355
3643	Mar-22	BCCL	WV	1360	4778	4715	3921	3775	857	940
3644	Mar-22	BCCL	WV	2584	4778	4715	3921	3775	857	940

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: Barauni STPS

Name of Company: NTPC Ltd.

Sampling methodology adopted for station : As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement : 04.07.2020

Annual Contracted Quantity (as per FSA): 8.85 LMT

Mode of transport : Rail

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
4	Sep'20	ECL	G5	57285	5548	5154	4950	4584	598	570
5	Oct'20	ECL	G4	68385.63	5577	5158	4764	4479	813	679
6	Nov'20	CCL	G11	18782	3285	2994	3397	3158	-112	-164
7	Feb'21	CCL	G13	14722	3054	2849	3714	3393	-660	-544
8	March'21	CCL	G10	22876	4667	4524	3975	3456	692	1068
		ECL	G4	18026	5038	4728	4729	4379	309	349
9	April'21	CCL	G11	41305	3802	3346	3889	3602	-87	-256
		ECL	G7	63745	4272	4105	4271	4081	1	24
10	May'21	CCL	G10	7471	4083	3902	3675	3530	408	372
		ECL	G7	49002	3827	3604	3747	3514	80	90
11	June'21	ECL	G7	30229	4242	3943	3818	3543	424	400
12	July'21	CCL	G9	11501	4542	4255	4212	3855	330	400
		ECL	G8	7386	3737	3428	3509	3186	228	242
13	August'21	CCL	W04	15279	4813	4502	4435	4121	378	381
		ECL	G8	4048	3361	3026	4342	4058	-981	-1032
14	Sep'21	CCL	G10	7619	4223	3909	3816	3401	407	508
		ECL	G8	48509	3629	3317	3320	3039	309	278
15	Oct'21	CCL	G11	26490	4031	3697	4004	3716	27	-19
		ECL	G7	22654	2950	2706	2888	2657	62	49
16	Nov'21	CCL	G11	30408	4281	3984	3987	3761	294	223
		ECL	G7	7409	3424	3328	2982	2826	442	502
17	Dec'21	CCL	G8	38291	5065	4795	4556	4325	509	470
18	Jan'22	CCL	G9	98468	4350	4105	4073	3844	277	261
		ECL	G6	22255	3264	3088	3065	2881	199	207
19	Feb'22	CCL	G11	11472	4768	4566	4355	3956	413	610
		ECL	G7	7468	3381	3157	2884	2604	497	553
20	March'22	CCL	G10	15672	4527	4388	4452	4138	75	250
		ECL	G08	48073	3213	3094	2991	2731	222	363

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN

Name of Generating Station: MTPS (Kanti)
Name of Company: NTPC
Sampling methodology adopted for station : As per tripartite/ bilateral agreement with CIMFR
Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR
Date of Fuel Supply Agreement : 30.08.2016 & 24.06.2017
Annual Contracted Quantity (as per FSA): CCL-2050000 MT ECL-340000 MT
Mode of transport RAIL

SR No.	MONTH WISE	SOURCE OF COAL	Mine	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
						EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Apr-18	CCL	Purnadih	13	18934	3216	3011	3613	3402	-397	-391
2		CCL	RCM-Churi	11	51270	4136	3979	4285	4035	-149	-56
3		CCL	Rohini	14	13849	3216	3011	3613	3402	-397	-391
4	May-18	ECL	Khottadih	3	3974	5990	5522	3982	3653	2008	1869
5		ECL	Khottadih	6	2260	6010	5412	4480	3988	1530	1424
6		ECL	Nimcha	4	2605	4853	4429	4827	4651	26	-222
7		ECL	Nimcha	5	8570	4650	4312	4760	4586	-110	-274
8		CCL	Purnadih	11	0	3537	3324	3800	3600	-263	-276
9		CCL	Purnadih	13	30197	3499	3254	3729	3495	-230	-241
10		CCL	RCM-Churi	5	0	4770	4357	4960	4782	-190	-425
11		CCL	RCM-Churi	11	62814	4246	4072	4258	4016	-12	56
12		CCL	Sounda	7	10447	4758	4516	3972	3754	786	762
13		CCL	Sounda	8	20687	4394	4169	3852	3652	542	517
14		CCL	Sounda	9	3316	4065	3874	4060	3817	5	57
15		CCL	Sounda	10	4526	5276	5072	3720	3528	1556	1544
16		CCL	Sounda	13	0	3965	3753	4280	3945	-315	-192
17		CCL	Sounda	14	5409	3678	3475	3610	3389	68	86
18		CCL	Ashoka	11	418	3742	3414	4020	3942	-278	-528
19		CCL	Dakra	13	2153	3626	3433	3440	3218	186	215
20		CCL	Dakra	11	2826	3742	3414	4020	3942	-278	-528
21	ECL	Khottadih	3	1846	6065	5701	4080	3722	1985	1979	
22	ECL	Khottadih	5	4388	6053	5659	4120	3757	1933	1902	
23	ECL	Khottadih	6	3919	6007	5589	4190	3823	1817	1766	
24	CCL	Purnadih	13	1437	3689	3500	3936	3655	-247	-155	
25	CCL	Purnadih	14	0	3331	3050	3556	3360	-225	-310	
26	CCL	Rohini	14	0	3359	3018	3930	3696	-571	-678	
27	CCL	Rohini	13	621	3606	3416	3674	3444	-68	-28	
28	CCL	Rohini	11	0	3673	3335	3440	3218	233	117	
29	CCL	Sounda	7	575	4667	4431	3630	3477	1037	954	
30	CCL	Sounda	8	18425	4349	4118	3893	3674	456	444	
31	CCL	Sounda	10	3328	3849	3609	3698	3544	151	65	
32	CCL	Sounda	12	3886	3800	3588	3820	3594	-20	-6	
33	CCL	RCM-Churi	9	65761	4432	4247	4087	3893	345	354	
34	CCL	RCM-Churi	11	12787	3959	3727	4020	3838	-61	-111	
35	CCL	Ashoka	11	1424	3862	3683	3750	3507	112	176	
36	CCL	Ashoka	13	0	4165	3712	4100	3829	65	-117	
37	CCL	Dakra	11	832	3519	3309	3750	3507	-231	-198	
38	ECL	Khottadih	9	0	6090	5925	4480	4138	1610	1787	
39	ECL	Khottadih	12	0	6050	5639	5140	4757	910	882	
40	ECL	Khottadih	13	0	6110	5752	5140	4757	970	995	
41	ECL	Pure Jambad	3	0	4750	4318	4160	3777	590	541	
42	ECL	Pure Jambad	5	0	4280	3867	4160	3777	120	90	
43	ECL	Pure Jambad	6	873	3800	3394	4160	3777	-360	-383	
44	CCL	Purnadih	9	0	3543	3253	3160	2946	383	307	
45	CCL	Purnadih	11	0	3425	3156	3360	3141	65	15	
46	CCL	Purnadih	12	0	3686	3406	3475	3204	211	202	

47		CCL	Rohini	11	0	3349	3114	3240	3089	109	26
48		CCL	Rohini	13	2433	3837	3491	3553	3242	284	249
49		CCL	RCM-Churi	9	13265	4189	3992	4050	3843	139	149
50		CCL	RCM-Churi	11	2148	3664	3388	3665	3434	-1	-46
51		CCL	RCM-Churi	13	0	4256	4065	4165	3946	91	119
52		CCL	Sounda	13	0	4724	4359	4400	4132	324	227
53		ECL	Bahula	5	481	3860	3576	4000	3700	-140	-123
54		ECL	Barmuri	7	1716	3680	3475	3630	3299	50	176
55		ECL	Chapapur	5	1130	3910	3619	3630	3299	280	320
56		ECL	Chapapur H	7	1056	3250	3002	3630	3299	-380	-297
57		ECL	CHORA	4	932	4290	3948	4000	3700	290	248
58		ECL	Dularband	6	1102	6370	5998	4520	4120	1850	1878
59		ECL	Khottadih	3	5754	6308	5920	4348	3944	1960	1976
60		ECL	Khottadih	5	12019	6097	5744	4470	4058	1627	1686
61		ECL	Kunusatoria (Mahabir)	4	0	4260	3794	3940	3582	320	212
62		ECL	Lower Kenda	4	502	4500	4203	4000	3700	500	503
63		ECL	PANDAVESWAR	4	921	6283	5976	5433	5044	850	932
64		CCL	Purnadih	12	0	3591	3261	3480	3066	111	196
65	Aug-18	CCL	Purnadih (Khalari)	13	18396	3378	3066	3557	3359	-179	-293
66		CCL	RCM-Churi	11	15478	4063	3768	3822	3534	241	234
67		CCL	Rohini	13	0	3562	3206	3480	3066	82	140
68		CCL	Rohini (Khalari)	14	8123	3306	3012	3370	3131	-64	-119
69		CCL	Rohini ,Purnadih (Khalari)	13	38332	3164	2889	3424	3141	-260	-252
70		ECL	SB Project	3	3698	5770	5287	4210	3984	1560	1303
71		ECL	SB Project	4	29988	6203	5822	4580	4233	1623	1589
72		ECL	SB Project	5	16007	6245	5801	4420	4128	1825	1673
73		ECL	SB Project	6	5153	6360	5931	4410	4096	1950	1835
74		ECL	SHANKARPUR	6	1475	5200	4947	4000	3700	1200	1248
75		CCL	Sounda	7	607	4146	3843	4090	3827	56	16
76		CCL	Sounda	8	6577	3950	3679	4024	3760	-74	-81
77		CCL	Ashoka	11	0	3267	3051	3600	3367	-333	-316
78		ECL	BCDL	4	4148	5370	4943	4750	4551	620	392
79		CCL	Dakra	11	0	3267	3051	3600	3367	-333	-316
80		CCL	DNCS-Dhori-1	10	3519	5080	4858	4850	4693	230	165
81		CCL	DNCD Dhori-2	10	6253	4555	4370	4710	4594	-155	-224
82		ECL	Dularband	3	3381	6160	5665	4480	4168	1680	1497
83		ECL	Dularband	5	4011	6225	5938	4400	4032	1825	1906
84		ECL	Dularband	6	4671	6096	5623	4469	4073	1627	1550
85		CCL	Jarangdih	W-IV	1391	5070	5039	4310	4196	760	843
86		CCL	Jarangdih	10	4111	4375	4289	4385	4300	-10	-11
87	Sep-18	ECL	Khotadih	3	3987	6227	5740	4422	4031	1805	1709
88		ECL	Khotadih	5	30212	6101	5657	4488	4089	1613	1568
89		ECL	Khotadih	6	4841	6193	5755	4413	4048	1780	1707
90		ECL	Pure Jambad	4	1683	5120	4851	3640	3537	1480	1314
91		ECL	Pure Jambad	5	777	4810	4487	3640	3537	1170	950
92		ECL	Pure Jambad	6	1349	3795	3410	3640	3537	155	-127
93		CCL	Purnadih	13	3732	3674	3383	3978	3676	-304	-293
94		CCL	RCM-Churi	11	18924	4212	3954	4070	3764	142	190
95		CCL	Rohini	13	4012	3563	3272	3929	3621	-366	-349
96		CCL	Termi Bhandari	10	36459	4632	4441	4669	4578	-37	-137
97		ECL	BCDL	5	0	5538	5216	5380	5052	158	164
98		CCL	BSDC	7	0	3877	3671	4393	4132	-516	-461
99		CCL	BSDC	9	0	4355	4049	4136	3854	219	195
100		CCL	BSDC	10	0	3938	3733	4233	3959	-295	-226
101		CCL	DNCS Dhori 0	10	0	5085	4870	4645	4536	440	334
102		CCL	DNCS Dhori 1	10	9189	4280	4146	3995	3936	285	210
103		CCL	DNCS Dhori 2	10	29111	4530	4383	4443	4321	87	62
104		CCL	Jarangdih	8	548	5025	4914	4595	4514	430	400
105		CCL	Jarangdih	10	696	5370	5348	4630	4588	740	760
106		CCL	Jarangdih	W-IV	9746	5233	5120	4573	4506	660	614
107		ECL	Khottadih	3	3391	5173	4940	4175	3884	998	1056
108	Oct-18	ECL	Khottadih	5	10558	5286	5067	4106	3816	1180	1251

109	ECL	Khottadih	6	3262	5126	4921	4106	3816	1020	1105
110	CCL	KWJP	10	0	4570	4519	4290	4264	280	255
111	CCL	PSJA	8	7513	4545	4472	4600	4519	-55	-47
112	CCL	Purnadih	13	1801	3405	3139	3840	3609	-435	-470
113	CCL	RCM-Churi	9	6639	4415	4178	4055	3850	360	328
114	CCL	RCM-Churi	11	4702	4235	3977	4257	4021	-22	-44
115	CCL	Rohini	12	336	3669	3409	3405	3168	264	241
116	CCL	Rohini	13	5785	3405	3139	3840	3609	-435	-470
117	ECL	SB Project	4	21651	5412	5111	5064	4738	348	373
118	CCL	Termi Bhandari	10	34557	4558	4422	4540	4476	18	-54
119	CCL	Bird Sounda	8	5312	4821	4434	4776	4344	45	90
120	CCL	Bird Sounda	9	4342	4739	4441	4793	4360	-54	81
121	ECL	Dalurband OCP	6	2407	5420	5269	4200	3979	1220	1290
122	CCL	DNSD Dhor 2	8	0	4635	4387	4290	4153	345	234
123	CCL	DNSD Dhor 2	10	15902	4391	4245	4503	4387	-112	-142
124	ECL	Khottadih	3	598	5480	5391	3950	3593	1530	1798
125	ECL	Khottadih	4	5015	6067	5786	4453	4173	1614	1613
126	ECL	Khottadih	5	6981	5496	5285	4372	4146	1124	1139
127	ECL	Khottadih	6	2379	5867	5606	4453	4173	1414	1433
128	CCL	KWJP	W-IV	1740	5150	5082	4990	4904	160	178
129	CCL	KWJP	8	15223	4696	4617	4470	4384	226	233
130	CCL	KWJP	10	3425	4750	4644	4515	4425	235	219
131	ECL	PSEC	5	1239	5070	4850	4950	4730	120	120
132	ECL	PSEC	4	598	5160	4864	4950	4730	210	134
133	ECL	PSEC	3	1844	5870	5477	4950	4730	920	747
134	CCL	PSJA	8	10917	4680	4574	4357	4273	323	301
135	CCL	Purnadih	13	8246	4207	3951	3875	3619	332	332
136	CCL	RCM-Churi	9	19293	4496	4295	4440	4119	56	176
137	CCL	RDML	8	0	Unsampled		4010	3719	Unsampled	
138	CCL	Rohini	13	1269	3606	3338	3980	3720	-374	-383
139	CCL	Rohini	12	2470	4103	3896	3840	3586	263	310
140	ECL	SB Project	4	18830	5678	5470	4705	4411	973	1059
141	CCL	Termi Bhandari	10	45304	4409	4266	4486	4390	-77	-124
142	CCL	Bird Sounda	8	683	5030	4548	5040	4592	-10	-44
143	CCL	Bird Sounda	9	897	4806	4430	5040	4592	-234	-162
144	CCL	BLCC	8	14898	Unsampled		3538	3272	Unsampled	
145	CCL	DNSD Dhor 1	10	0	5685	5447	5030	4791	655	656
146	CCL	DNSD Dhor 2	8	0	4400	4251	4706	4539	-306	-288
147	CCL	DNSD Dhor 2	10	31295	4400	4240	4706	4539	-306	-299
148	CCL	DNSD Dhor 2	15	0	2990	2909	4570	4394	-1580	-1486
149	CCL	Jarangdih	W-IV	11456	4574	4524	4579	4419	-5	105
150	CCL	Jarangdih	10	17854	4603	4560	4679	4419	-76	141
151	ECL	Khottadih	3	2761	5060	4803	4110	3809	950	994
152	ECL	Khottadih	4	3692	5170	4996	4355	4074	815	922
153	ECL	Khottadih	5	8037	5352	5095	4283	3961	1069	1134
154	ECL	Khottadih	6	7785	5058	4818	4248	3905	810	913
155	CCL	KWJP	8	6698	5410	5323	4748	4610	662	713
156	CCL	PLCP	10	0	Unsampled		3610	3331	Unsampled	
157	ECL	PMCS	7	958	3280	3052	3440	3159	-160	-108
158	ECL	PMCS	5	2689	3575	3304	3440	3159	135	145
159	CCL	PSJA	8	8100	4725	4611	4570	4438	155	173
160	CCL	PSJA	10	0	4870	4757	4360	4107	510	650
161	CCL	Purnadih	13	18889	4019	3744	3782	3508	237	236
162	CCL	RCM-Churi	9	15383	4840	4593	4788	4429	52	164
163	CCL	RDML	12	0	Unsampled		4080	3799	Unsampled	
164	CCL	Rohini	12	0	3756	3470	3782	3508	-26	-38
165	ECL	SB Project	4	7038	5942	5716	5048	4752	894	964
166	CCL	Termi Bhandari	10	24761	4231	4103	4515	4322	-284	-219
167	ECL	Dalurband	6	17338	4428	4229	3976	3604	452	625
168	CCL	DNCS-Dhor 1	10	2533	3702	3570	4520	4339	-818	-769
169	CCL	DNCS-Dhor 1	W-III	30879	3917	3774	4484	4289	-567	-515
170	CCL	DNSD Dhor 2	8	0	3798	3624	4482	4235	-684	-611

171		CCL	DNSD Dhor1 2	10	48888	3937	3822	4408	4136	-471	-314
172		ECL	Jambad	5	2469	4430	4215	4270	3905	160	310
173		CCL	Jarangdih	W-IV	8026	4903	4857	4057	3848	846	1009
174		CCL	Jarangdih	8	2436	4690	4657	4750	4514	-60	142
175		CCL	Jarangdih	10	5023	4767	4692	4133	3890	634	802
176		CCL	Khalari	9	1183	4080	3763	3530	3136	550	627
177		ECL	Khotadih	3	5231	4226	3996	3874	3538	352	458
178		ECL	Khotadih	5	18679	4106	3895	3992	3605	114	290
179	Jan-19	CCL	KWJP	8	36371	4905	4807	4562	4373	343	434
180		ECL	Madhabpur	6	636	4100	3677	4270	3905	-170	-228
181		ECL	Madhabpur	4	129	5340	5041	4270	3905	1070	1136
182		ECL	PMCS	7	3820	3690	3402	3570	3103	120	299
183		ECL	PMCS	5	0	3620	3399	3570	3103	50	296
184		CCL	PSJA	8	21375	4510	4416	4653	4435	-143	-19
185		CCL	PSJA	W-IV	1577	4777	4672	4903	4713	-126	-41
186		CCL	Purnadih	12	886	3989	3681	3290	2960	699	721
187		CCL	RCM-Churi	9	11784	4798	4613	4433	4135	365	478
188		CCL	Rohini	13	4626	3602	3236	3290	2960	312	276
189		CCL	Rohini & Purnadih	13	5853	3402	3065	3770	3313	-368	-248
190		ECL	SB Project	4	3053	4375	4494	4375	3798	0	696
191		ECL	SWKT	5	7174	4915	4678	3600	3317	1315	1361
192		ECL	Chapapur	7	1324	3710	3544	3820	3522	-110	23
193		ECL	CL JAMBAD	4	929	4820	4452	4760	4426	60	26
194		ECL	Dalurband	6	10794	4113	3871	3818	3446	295	425
195		CCL	DNCS Dhor1	W-III	7869	4900	4717	4558	4366	342	351
196		CCL	DNCS Dhor1	10	2426	4430	4256	4535	4329	-105	-73
197		CCL	DNSD Dhor1 2	8	0	3764	3642	4318	4146	-554	-504
198		CCL	DNSD Dhor1 2	10	56541	3845	3711	4418	4203	-573	-492
199		CCL	DNSD Dhor1 2	W-III	0	5160	5129	4530	4123	630	1006
200		CCL	DNSD Dhor1 2	W-IV	2561	5710	5641	4530	4123	1180	1517
201		CCL	Jarangdih	9	0	4950	4908	4430	4171	520	737
202		CCL	Jarangdih	10	0	5060	4999	4090	3987	970	1012
203	Feb-19	CCL	Jarangdih	W-IV	10311	4935	4858	4348	4177	587	681
204		ECL	Kapasara	5	1796	3950	3785	3820	3522	130	263
205		ECL	KENDA	6	717	4950	4518	4760	4425	190	94
206		ECL	Khotadih	3	4950	4716	4407	3326	2999	1390	1408
207		ECL	Khotadih	5	23470	4777	4450	3782	3424	995	1026
208		CCL	KWJP	8	51560	4846	4745	4619	4438	227	307
209		ECL	Lakhimata	5	607	4160	3983	3820	3522	340	461
210		CCL	PSJA	8	5321	4520	4397	4610	4480	-90	-83
211		CCL	PSJA	10	0	5130	5031	4340	4156	790	876
212		CCL	PSJA	W-IV	0	4690	4569	4475	4318	215	251
213		ECL	SHANKARPUR	6	2041	4640	4262	4850	4545	-210	-283
214		CCL	Termi Bhandari	W-IV	7635	3745	3633	3460	3282	285	351
215		ECL	Chapapur	7	1820	5270	5020	3700	3553	1570	1466
216		CCL	DNCS Dhor1	W-III	33933	5117	4926	4204	4065	913	861
217		CCL	DNSD Dhor1 2	8	0	4217	4075	4354	4203	-137	-128
218		CCL	DNSD Dhor1 2	10	43761	4210	4075	4300	4123	-90	-48
219		CCL	JRGD	9	2354	4030	3945	4540	4379	-510	-434
220		CCL	JRGD	10	9036	4718	4680	3930	3798	788	882
221		CCL	JRGD	W-III	0	4693	4664	3965	3869	728	795
222		CCL	JRGD	W-IV	4625	4375	4328	3790	3702	585	626
223		ECL	Kapasara	5	2214	5950	5595	3570	3454	2380	2141
224		CCL	KGL-I	W-IV	4040	5510	5354	4420	4037	1090	1317
225	Mar-19	ECL	Khotadih	3	899	5010	4691	3980	3568	1030	1122
226		ECL	Khotadih	5	5787	3937	3753	3863	3508	74	245
227		CCL	KWJP	8	23813	5028	4910	4772	4611	256	299
228		CCL	KWJP	10	0	5280	5141	4310	4130	970	1011
229		ECL	Lakhimata (Mugma)	5	1269	4193	3879	3830	3687	363	192
230		ECL	Nirsha (Mugama)	7	4263	4140	3846	3680	3572	460	274
231		CCL	PSJA	8	13550	4643	4481	4725	4610	-82	-129
232		CCL	PSJA	W-IV	0	4573	4460	4730	4605	-157	-145

233	ECL	Rajpura (Mugma)	7	888	4283	3963	3933	3748	350	215
234	CCL	Termi Bhandari	10	66145	4426	4287	4531	4352	-105	-65
235	CCL	Termi Bhandari	W-IV	3206	4638	4492	4506	4288	132	204
236	CCL	RCM	9	3896	3898	3761	3780	3610	118	151
237	CCL	DNCS-Dhori-I	W-III	19582	4506	4363	4123	3975	383	388
238	CCL	DNCS-Dhori-I	8	0	4230	4102	4230	4127	0	-25
239	CCL	DNCS-Dhori-I	10	6155	4618	4500	4128	4016	490	484
240	CCL	DNSD-Dhori-2	8	0	4257	4160	4460	4327	-203	-167
241	CCL	DNSD-Dhori-2	10	27164	4529	4402	4336	4229	193	173
242	CCL	DNSD-Dhori-2	W-IV	2152	4585	4452	4323	4196	262	256
243	CCL	Jarangdih	W-III	1924	5130	5085	4120	3997	1010	1088
244	CCL	Jarangdih	W-IV	3897	4820	4782	3968	3828	852	954
245	CCL	Jarangdih	W-V	4541	4530	4466	3760	3665	770	801
246	CCL	Termi Bhandari	10	55062	4318	4194	4553	4426	-235	-232
247	CCL	Termi Bhandari	W-IV	0	4583	4446	4694	4560	-111	-114
248	CCL	PSJA	8	6314	4440	4331	4318	4136	122	195
249	CCL	PSJA	W-IV	0	4976	4853	4436	4250	540	603
250	CCL	PSJA	W-V	2608	4513	4423	4430	4314	83	109
251	CCL	KWJP	8	3937	5010	4879	3570	3390	1440	1489
252	CCL	KWJP	W-V	6121	5140	4989	4200	4128	940	861
253	ECL	Barmuri (Mugama)	7	1590	3390	3154	3280	3224	110	-70
254	ECL	Kapsara (Mugama)	5	1674	3870	3666	3300	3169	570	497
255	ECL	Chapapur (Mugama)	5	2062	4320	4041	4140	4056	180	-15
256	ECL	Kumarhubi (Mugama)	5	995	3980	3811	3940	3743	40	68
257	ECL	Shampur (Mugama)	5	691	3460	3268	4290	4146	-830	-878
258	ECL	Chapapur (Mugama)	7	2062	3480	3301	4030	3928	-550	-627
259	ECL	Khottadih	3	1709	4497	4239	4457	4066	40	173
260	ECL	Khottadih	5	9946	4947	4691	4355	4020	592	671
261	CCL	RCM	9	0	4636	4463	4565	4325	71	138
262	CCL	DCSK	5	763	4692	4312	3770	3595	922	717
263	CCL	DCSK	10	0	3804	3691	3770	3595	34	96
264	CCL	DCSK	13	0	4165	3978	3770	3595	395	383
265	CCL	DNCS-Dhori-I	W-III	31057	5266	5707	3987	3850	1279	1857
266	CCL	DNCS-Dhori-I	W-IV	2633	4340	4195	4190	4076	150	120
267	CCL	DNCS-Dhori-I	10	0	4840	4709	4180	4028	660	680
268	CCL	DNSD-Dhori-2	8	5268	4610	4465	4320	3964	290	501
269	CCL	DNSD-Dhori-2	10	2260	4990	4823	4320	4213	670	610
270	CCL	DNSD-Dhori-2	W-IV	4340	4681	4539	3883	3802	798	737
271	CCL	JRD-1	W-IV	4164	4519	4495	3623	3528	896	967
272	CCL	JRD-1	W-V	10490	4328	4271	3811	3721	517	550
273	CCL	KASN	10	0	3722	4321	3660	5016	62	-695
274	CCL	KASN	8	0	4077	4780	3660	5604	417	-824
275	CCL	Termi Bhandari	10	15617	4581	4449	4535	4410	46	39
276	CCL	Termi Bhandari	W IV	73	5260	5080	4750	4592	510	488
277	CCL	Khottadih	4	0	5570	5329	4170	3868	1400	1461
278	CCL	Khottadih	5	7793	5048	4798	3998	3654	1050	1144
279	CCL	PSJA	8	4661	4492	4401	4298	4140	194	261
280	CCL	PSJA	W-IV	2806	4673	4595	4728	4564	-55	31
281	CCL	PSJA	W-V	3971	4296	4213	4342	4196	-46	17
282	CCL	KWJP	W-IV	0	5050	4972	4475	4378	575	594
283	CCL	KWJP	W-V	13318	5150	5062	4565	4483	585	579
284	ECL	Barmuri	7	1454	3730	3465	3190	3060	540	405
285	ECL	Barmuri	5	1153	3330	3081	3760	3574	-430	-493
286	ECL	Kapasara	5	1423	3740	3463	3250	3128	490	335
287	ECL	Kapasara	7	830	3600	3337	3550	3324	50	13
288	ECL	Mugma	5	2247	2970	2811	2375	2300	595	511
289	ECL	Mugma	7	1614	3705	3530	3265	3088	440	442
290	ECL	Shampur	5	639	4180	3846	3190	3041	990	805
291	ECL	Shampur	7	1781	3490	3291	3535	3371	-45	-80
292	ECL	DBCP	4	7425	4978	4713	4008	3734	970	979
293	CCL	Dhori-I	W-III	7965	5235	5080	3690	3535	1545	1545
294	CCL	Dhori-II	W-IV	6612	4170	4043	3440	3348	730	695

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295		CCL	Dhori-II	W-V	0	3985	3873	3290	3208	695	665
296		CCL	Jarangdih	W-IV	11255	5050	5011	3533	3470	1517	1541
297		CCL	Jarangdih	W-V	0	5350	5339	4060	3986	1290	1353
298		CCL	Termi Bhandari	W-V	0	4770	4614	4425	4322	345	292
299		CCL	Termi Bhandari	W-IV	0	5110	4935	3550	3421	1560	1514
300		CCL	Termi Bhandari	W-V	124242	4194	4072	4043	3882	151	190
301		ECL	Khoatadih	3	1348	4703	4463	3623	3348	1080	1115
302		ECL	Khoatadih	5	9223	4730	4501	3453	3223	1277	1278
303	JUNE-2019	CCL	PSJA	8	0	5290	5178	5380	5245	-90	-67
304		CCL	PSJA	W-IV	4156	5790	5665	3990	3872	1800	1793
305		CCL	PSJA	W-V	16580	4793	4692	4288	4181	505	511
306		CCL	KWJP	W-IV	2752	4977	4864	3660	3562	1317	1302
307		CCL	KWJP	W-V	6868	5130	5006	3650	3562	1480	1444
308		ECL	Badjana	5	539	3630	3357	3580	3398	50	-41
309		ECL	Badjana	6	284	3700	3404	3470	3372	230	32
310		ECL	Chapapur	7	672	3990	3751	3630	3560	360	191
311		ECL	Kapasara	5	1473	2640	2458	4310	4214	-1670	-1756
312		ECL	Nirsha	7	636	2630	2465	3780	3555	-1150	-1091
313		ECL	PMCS	5	1418	3740	3467	2950	2773	790	694
314		ECL	PMCS	7	2518	3987	3753	3123	3040	864	713
315		CCL	KWJP	W-V	7123	4923	4796	4347	4151	576	645
316		CCL	KWJP	W-IV	0	5540	5423	4480	4280	1060	1142
317		CCL	PSJA	G8	0	4630	4523	3600	3495	1030	1028
318		CCL	PSJA	W-V	7579	4835	4721	3885	3801	950	920
319		CCL	Termi Bhandari	W-V	91644	4401	4253	4423	4227	-22	26
320		CCL	Khalari	8	0	4219	4093	3700	3328	519	765
321		CCL	Khalari	10	0	4204	3876	3710	3530	494	346
322		CCL	Khalari	13	2766	3811	3646	3770	3463	41	183
323	JULY-2019	CCL	Jarangdih	W-IV	4048	4420	4328	3745	3584	675	744
324		CCL	Jarangdih	W-V	1243	5100	5048	3580	3372	1520	1676
325		CCL	Dhori-II	W-IV	7889	4370	4264	4110	3857	260	407
326		CCL	Dhori-II	W-V	0	4620	4494	2940	2811	1680	1683
327		CCL	Dakara	5	2217	5111	4736	4030	3765	1081	971
328		CCL	Dakara	12	0	4740	4341	4030	4341	710	0
329		CCL	CCSR	9	15313	4563	4336	4454	4263	109	73
330		CCL	CCSR	11	3896	4353	4153	4430	4289	-77	-136
331		CCL	Bachra	W-I	3543	4861	4619	4090	3932	771	687
332		CCL	BSDC	7	0	4198	3978	3986	3658	212	320
333		CCL	BSDC	8	20676	4316	4051	3913	3604	403	447
334		CCL	BSDC	9	0	4037	3758	3975	3637	62	121
335		CCL	Churi	11	8222	3669	3500	4090	3739	-421	-239
336		CCL	Churi	9	11647	4709	4502	4437	4728	272	-226
337		CCL	Jarangdih	W-IV	8248	4283	4178	4183	4052	100	126
338		CCL	Jarangdih	W-V	0	4265	4160	4010	3898	255	262
339		CCL	Khelari	10	0	3948	3630	3874	3605	74	25
340		CCL	Khelari	13	19260	3675	3377	3643	3358	32	19
341		CCL	Termi Bhandari	W-V	31431	4484	4326	4715	4497	-231	-171
342		CCL	Jarangdih	W-IV	8248	5015	4891	5415	4336	-400	555
343		CCL	Jarangdih	W-V	0	4433	4328	4800	4673	-367	-345
344		CCL	KWJP	W-IV	0	5100	4951	4860	4762	240	189
345		CCL	KWJP	W-V	10770	4937	4809	4500	4402	437	407
346		CCL	Burd Sounda	8	10643	4701	4446	4088	3837	613	609
347		CCL	Burd Sounda	7	0	5093	4708	4260	4055	833	653
348		CCL	CCSR	9	29030	4540	4383	3990	3727	550	656
349		CCL	CCSR	11	0	4200	4062	4270	3908	-70	153
350		CCL	Khelari	10	3131	3749	3461	3608	3330	141	131
351	SEPTEMBER-2019	CCL	Khelari	12	0	3683	3420	3560	3294	123	126
352		CCL	Khelari	13	26924	3623	3390	3589	3331	34	59
353		CCL	Termi Bhandari	W-V	3848	4430	4248	4253	4002	177	246
354		CCL	PSJA	W-IV	11930	4705	4705	4825	4825	-120	-120
355		CCL	PSJA	W-V	3886	4490	4490	4570	4570	-80	-80
356		CCL	KWJP	W-V	3846	5350	5263	4770	4654	580	609

357	OCTOBER -2019	CCL	KWJP	W-IV	0	5260	5133	4000	3882	1260	1251
358		CCL	KWJP	W-V	3208	4685	4567	4000	3882	685	685
359		CCL	PSJA	W-V	8025	4650	4523	3930	3803	720	720
360		CCL	TCSB	W-IV	1713	4420	4268	3780	3658	640	610
361		CCL	TCSB	W-V	0	4490	4345	3780	3658	710	687
362		CCL	Khelari	13	22187	3678	3395	3758	3504	-80	-109
363		CCL	Khelari	10	840	4031	3792	3915	3584	116	208
364		CCL	Jarangdih	W-IV	9980	4256	4160	3590	3467	666	693
365		CCL	Jarangdih	W-V	727	4153	4068	3473	3357	680	711
366		CCL	DCSK-Dakara	5	2246	5674	5366	3170	2939	2504	2427
367		CCL	DCSK-Dakara	10	0	4169	3994	3170	2939	999	1055
368		CCL	DCSK-Dakara	13	0	4195	3974	3170	2939	1025	1035
369		CCL	CCSR-Churi	9	6218	5174	4912	4053	3748	1121	1164
370		CCL	CCSR-Churi	11	0	4549	4254	4053	3748	496	506
371		CCL	Burd Sounda	7	1314	4658	4421	4020	3768	638	653
372		CCL	Burd Sounda	8	22587	4829	4534	4138	3874	691	660
373		CCL	Burd Sounda	9	19436	4748	4470	4247	4039	501	431
374	NOVEMBER 2019	CCL	Burd Sounda	6	0	3865	3645.073762	4130	3926	-265	-281
375		CCL	Burd Sounda	7	2214	4597	4264	3670	3427	927	837
376		CCL	Burd Sounda	8	34983	4488	4249	3971	3717	517	532
377		CCL	Burd Sounda	9	6210	4336	4132	4213	3902	123	230
378		CCL	DCSK-Dakara	5	1315	4971	4672	4110	3741	861	931
379		CCL	DCSK-Dakara	10	0	4063	3735	4110	3741	-47	-6
380		CCL	DCSK-Dakara	13	0	4063	3735	4110	3741	-47	-6
381		CCL	Khelari	8	0	4155	3963	4440	4208	-285	-244
382		CCL	Khelari	10	7545	4102	3909	3929	3630	173	279
383		CCL	Khelari	13	0	3905	3623	3929	3630	-24	-7
384		CCL	SLSP-Shivpur	11	24498	3720	3385	3577	3119	143	266
385	DECEMBER 2019	CCL	Rajdhar	9	4020	4279	4216	4640	4457	-361	-241
386		CCL	Termi Bhandari	W-IV	0	4440	4337	4150	4023	290	313
387		CCL	Termi Bhandari	W-V	12411	4503	4375	4933	4802	-430	-427
388		CCL	Khelari	10	2701	3953	3680	3228	3004	725	676
389		CCL	Khelari	13	0	3703	3387	3228	3004	475	383
390		CCL	Jarangdih	W-IV	4653	4430	4303	4445	4314	-15	-11
391		CCL	Jarangdih	W-V	0	4220	4103	4445	4314	-225	-211
392		CCL	Dakara	5	2412	4965	4703	4645	4244	320	459
393		CCL	Dakara	10	0	3902	3685	4645	4244	-743	-559
394		CCL	Dakara	13	0	3906	3735	4880	4487	-974	-753
395		ECL	Sonepur Bazri	4	3997	5630	5462	5025	4781	605	681
396	CCL	Burd Sounda	6	1258	4757	4470	3770	3594	987	876	
397	CCL	Burd Sounda	7	1140	4255	3920	4130	3923	125	-2	
398	CCL	Burd Sounda	8	31769	4582	4361	3875	3675	707	686	
399	CCL	Burd Sounda	8	31769	4296	4069	4015	3808	281	261	
400	JANUARY-2020	CCL	Dakara	5	19706	5316	5060	3882	3579	1434	1481
401		CCL	Dakara	10	0	4490	4341	4037	3713	453	628
402		CCL	Dakara	11	0	4486	4308	3465	3217	1021	1091
403		CCL	Dakara	12	0	3819	3622	3416	3175	403	447
404		CCL	Dakara	13	0	3793	3588	4037	3713	-244	-125
405		CCL	Khelari	10	6411	3583	3299	3735	3407	-152	-108
406		CCL	Khelari	11	1692	3589	3316	3726	3446	-137	-130
407		ECL	Khelari	13	0	3706	3411	3757	3415	-51	-4
408	CCL	Shivpur	11	3944	3442	3154	4260	3786	-818	-633	
409	FEBRUARY- 2020	CCL	Khelari	11	8252	3450	3165	3757	3460	-307	-295
410		CCL	Khelari	13	0	3422	3192	3757	3460	-335	-268
411		CCL	Dakara	5	13083	5206	4861	3795	3520	1411	1341
412		CCL	Dakara	11	0	4427	4234	3795	3520	632	714
413		CCL	Dakara	12	0	3986	3735	3500	3228	486	507
414		CCL	Dakara	13	0	3761	3497	4047	3770	-286	-273

415		CCL	CCSR-Churi	9	2487	4762	4594	4585	4280	177	314
416		CCL	CCSR-Churi	11	0	4261	4047	4585	4280	-324	-233
417		CCL	Bird Sounda	7	0	4341	4097	4430	4161	-89	-64
418		CCL	Bird Sounda	8	3933	4768	4468	4430	4161	338	307
419		ECL	Bird Sounda	9	0	4084	3767	4170	3957	-86	-190
420		ECL	BJSP	7	3675	5200	5005	3720	3645	1480	1360
421		CCL	Balumath	11	4008			3690	3159		
422		CCL	Burd Sounda	6	1355	4901	4552	4030	3630	871	923
423		CCL	Burd Sounda	7	0	4642	4342	4030	3630	612	712
424		CCL	Burd Sounda	8	1906	4793	4706	3630	3211	1163	1495
425		CCL	Burd Sounda	9	0	4661	4553	3630	3211	1031	1342
426	MARCH-2020	CCL	CCSR-Churi	8	775	4414	4072	4270	4015	144	57
427		CCL	CCSR-Churi	11	0	4161	3960	4270	4015	-109	-54
428		CCL	Dakara	5	7950	5612	5275	4310	3952	1302	1323
429		CCL	Dakara	11	2308	4066	3888	3928	3578	138	310
430		CCL	Dakara	13	0	3768	3554	3891	3554	-123	0
431		CCL	Khelari	13	15457	3544	3288	3698	3343	-154	-55
432		CCL	DCSK	5	1096	5252	4943	3610	3446	1642	1497
433	Apr-20	CCL	DCSK	7	3471	5197	4850	4760	4473	437	377
434		CCL	DCSK	11	2976	4093	3930	4127	3827	-34	103
435		CCL	DCSK	12	4574	3734	3483	3837	3507	-103	-24
436		CCL	BCBM	11	8144			4085	3770		
437		CCL	CCSR	7	7760	4901	4802	4647	4454	254	348
438		CCL	CCSR	8	1260	4830	4738	5070	4890	-240	-152
439		CCL	CCSR	11	2907	4570	4411	4647	4454	-77	-43
440		CCL	DCSK	7	10675	5596	5416	3897	3638	1699	1778
441	May-20	CCL	DCSK	11	5265	4257	4153	3898	3626	359	527
442		CCL	DCSK	12	7897	3589	3436	4008	3739	-419	-303
443		CCL	DCSK	13	722	3902	3831	3340	3131	562	700
444		CCL	KASN	11	1737	3685	3508	3595	3314	90	194
445		CCL	SLSP	11	63301	3656	3354	3360	3089	296	265
446		CCL	SLSP	12	15245	3423	3116	3658	3319	-235	-203
447		CCL	BCBM	11	43910			3528	3226		
448		CCL	BLCC	11	4000			3660	3369		
449		CCL	BSDC	8	12491	5206	4889	4576	4189	630	700
450		CCL	BSDC	9	6526	5156	4824	4576	4178	580	646
451	Jun-20	CCL	DCSK	7	1128	4937	4620	4071	3730	866	890
452		CCL	DCSK	11	11066	3941	3742	4071	3730	-130	12
453		CCL	DCSK	12	17008	3940	3778	4210	3863	-270	-85
454		CCL	RDML	11	1096	4536	4427	3120	2859	1416	1568
455		CCL	SLSP	12	4999	3408	3108	3473	3106	-65	2
456		CCL	BCBM	11	36370			3476	3144		
457		CCL	DCSK	7	8931	5088	4737	3957	3559	1131	1178
458	Jul-20	CCL	DCSK	11	8268	4072	3847	3957	3559	115	288
459		CCL	DCSK	13	6697	3769	3470	3957	3559	-188	-89
460		CCL	KASN	11	1866	4207	3857	4150	3850	57	7
461		CCL	SLSP	12	23790	3800	3468	3408	3004	392	464
462		CCL	BCBM	11	8301			3405	3082		
463		CCL	BCSR	W/C	4157	4492	4274	4110	3710	382	564
464	Aug-20	CCL	DNCS	W-V	4165	5040	4918	3820	3556	1220	1362
465		CCL	KASN	11	3766	4096	3697	4190	3875	-94	-178
466		CCL	KWJP	W-IV	4241	5510	5404	4620	4423	890	981
467		CCL	KWJP	W-V	1756	4550	4444	4620	4423	-70	21
468		CCL	SLSP	12	3525	3673	3356	3620	3163	53	193
469		CCL	CCSR	9	3378	4687	4462	4186	3955	501	507
470	Spetember-20	CCL	CCSR	11	622	3718	3424	4186	3955	-468	-531
471		CCL	KASN	11	5705	4273	4008	3968	3670	305	338
472		CCL	SLSP	12	3230	4231	3874	3443	2995	788	879
473		CCL	BCSR	W/C	3992	4454	4241	4159	3906	295	335
474		ECL	BJSP	7	3793	5706	5372	3658	3089	2048	2283
475		CCL	CCSR	9	7050	4294	4050	4353	4084	-59	-34
476		CCL	CCSR	11	1089	3735	3447	4353	4084	-618	-637

477		CCL	BSDC	8	4018	4553	4231	4464	4092	89	139
478		ECL	DBCP	4	3816	6300	6029	5708	5462	592	567
479		CCL	DCSK	11	13659	4103	3909	3733	3422	370	487
480		CCL	DCSK	13	15675	3631	3396	3733	3422	-102	-26
481		CCL	DNCS	W-V	7985	4474	4320	4160	3982	314	338
482		CCL	DNSD	W-V	4105	4497	4320	4129	3987	368	333
483		CCL	JRGD	W-IV	3845	4334	4076	4754	4629	-420	-553
484		CCL	KASN	10	2823	4186	3891	3935	3661	251	230
485		CCL	KASN	11	7234	4292	4019	4144	3913	148	106
486		ECL	POCP	5	12035	5221	4886	5578	5244	-357	-358
487		CCL	PSJA	W-IV	3929	4832	4714	5088	4915	-256	-201
488		CCL	PSJA	W-V	3244	4853	4743	5088	4915	-235	-172
489		CCL	SLSP	12	4051	3611	3282	3432	3019	179	263
490		ECL	SUC	4	23901	5705	5466	5029	4697	676	769
491		ECL	SUC	5	9787	5658	5425	5014	4606	644	819
492		ECL	SWKT	5	5081	3641	3389	3660	3411	-19	-22
493		CCL	BCBM	11	11641			3558	3345		
494		ECL	BJSP	7	3359	3833	3669	4109	4009	-276	-340
495		CCL	CCSR	9	3902	4325	4059	3596	3452	729	607
496		CCL	BSDC	8	2277	4396	4142	3499	3302	897	840
497		CCL	BSDC	12	1720	4300	3854	3499	3302	801	552
498		ECL	DBCP	4	7769	6369	6054	5084	4832	1285	1222
499		CCL	DCSK	11	16544	4113	3901	3886	3621	227	280
500		CCL	DCSK	13	23693	3553	3300	3886	3621	-333	-321
501		ECL	JNCN	5	631	3260	3033	3111	2928	149	105
502		ECL	JNCN	4	3077	4464	4075	5083	4800	-619	-725
503		CCL	KASN	10	1695	4312	3947	4297	4046	15	-99
504		CCL	KASN	11	9147	4285	4029	3994	3731	291	298
505		CCL	KASN	13	13716	3482	3148	3981	3708	-499	-560
506		ECL	POCP	5	3842	6115	5663	5145	4843	970	820
507		CCL	RLCM	9	5077	3732	3503	4007	3823	-275	-320
508		CCL	RLCM	10	2899	4003	3783	4016	3848	-13	-65
509		ECL	SUC	4	3864	5459	5199	5185	4934	274	265
510		ECL	SWKT	5	3077	3584	3332	4437	4141	-853	-809
511		CCL	BCBM	11	3727			3531	3361		
512		CCL	DCSK	11	10800	4324	4127	3680	3378	644	749
513		CCL	DCSK	12	3853	3808	3530	3680	3378	128	152
514		CCL	KWJP	W-IV	2598	5047	4926	4833	4738	214	188
515		CCL	KWJP	W-V	1411	4749	4644	4805	4710	-56	-66
516		CCL	RLCM	9	28812	4427	4190	4321	4097	106	93
517		CCL	SLCS	12	8005	3579	3257	3436	3132	143	125
518		CCL	SLSP	12	7510	3735	3403	3193	2874	542	529
519		CCL	SLSP	13	22935	4110	3772	3097	2751	1013	1021
520		CCL	TCSB	W-V	45759	4405	4367	3862	3739	543	628
521		CCL	TCSB	W-VI	11331	4121	4004	3862	3739	259	265
522		CCL	BCBM	11	19029			3572	3350		
523		CCL	CCSR	8	1941	4726	4512	4405	4110	321	402
524		CCL	CCSR	9	955	4770	4650	4405	4110	365	540
525		CCL	CCSR	10	5229	4637	4433	4405	4110	232	323
526		CCL	BSDC	7	2023	4974	4750	4395	4242	579	508
527		CCL	BSDC	8	3909	5083	4834	4395	4242	688	592
528		CCL	BSDC	9	2014	4730	4469	4395	4242	335	227
529		CCL	DCSK	11	11914	4179	3965	3855	3598	324	367
530		CCL	DCSK	13	12534	3806	3521	3925	3676	-119	-155
531		CCL	KASN	10	2722	4318	3871	4373	4062	-55	-191
532		CCL	KASN	11	5266	3936	3653	4285	4047	-349	-394
533		CCL	KASN	13	68	4179	4000	4373	4062	-194	-62
534		CCL	RDML	10	7526	4330	4203	3753	3573	577	630
535		CCL	RLCM	9	2431	4208	3993	4024	3865	184	128
536		CCL	RLCM	10	9507	4313	4155	4121	3935	192	220
537		CCL	SLSP	11	13637	3886	3533	3822	3366	64	167
538		CCL	BCBM	11	2012	3455	3235	3484	3241	-29	-6

539		CCL	BSDC	7	1867	5406	5103	4749	4485	657	618
540		CCL	BSDC	8	7704	5376	5066	4650	4386	726	680
541		CCL	BSDC	9	18486	5090	4896	4307	4057	783	839
542		CCL	DCSK	11	5435	4319	4082	3951	3731	368	351
543		CCL	DCSK	13	27489	3919	3690	3757	3522	162	168
544	Feb-21	CCL	JRGD	W-IV	20909	4447	4299	3789	3693	658	606
545		CCL	KASN	11	3997	4444	4174	4248	4020	196	154
546		CCL	KASN	12	11376	3963	3724	3848	3595	115	129
547		CCL	RDML	9	14469	4546	4352	4493	4203	53	149
548		CCL	RDML	10	22167	4715	4496	4396	4084	319	412
549		CCL	TCSB	W-V	3370	4932	4805	3907	3779	1025	1026
550		CCL	BCBM	11	3911			3513	3339		
551		CCL	BSDC	7	4963	5862	5628	5518	5164	344	464
552		CCL	BSDC	8	20450	5578	5336	4602	4354	976	982
553		CCL	BSDC	9	6126	5257	5134	4462	4210	795	924
554		ECL	DBCP	4	3429	5833	5719	5676	5331	157	388
555		CCL	DCSK	11	7479	4218	3962	3941	3716	277	246
556		CCL	DCSK	13	14178	3784	3516	3804	3590	-20	-74
557		CCL	DNCS	W-V	13862	4630	4472	4173	3951	457	521
558		CCL	DNSD	W-V	7434	4654	4499	4301	4196	353	303
559		CCL	JRGD	W-IV	7731	4323	4240	3820	3719	503	521
560		CCL	JRGD	W-V	22714	4104	4033	3713	3641	391	392
561		CCL	KASN	11	4294	4404	4175	4352	4102	52	73
562	Mar-21	CCL	KASN	12	21507	3903	3364	4047	3800	-144	-436
563		CCL	KASN	13	20980	3638	3454	3994	3756	-356	-302
564		CCL	KWJP	W-IV	985	4931	4792	4337	4346	594	446
565		CCL	KWJP	W-V	12658	4875	4748	4409	4311	466	437
566		ECL	POCP	5	36815	5427	3815	4692	4394	735	579
567		ECL	PSEC	3	698	5192	4795	3515	3192	1677	1603
568		ECL	PSEC	5	10375	4511	4164	4453	4225	58	-61
569		CCL	PSJA	W-IV	1060	4944	4814	4682	4579	262	235
570		CCL	PSJA	W-V	2334	4940	4813	4830	4735	110	78
571		CCL	RDML	10	3084	4296	4021	4557	4299	-261	-278
572		CCL	RLCM	9	4665	4181	3988	4378	4138	-197	-150
573		CCL	RLCM	11	4049	3803	3516	4161	3971	-358	-455
574		CCL	TCSB	W-V	11481	4563	4440	4007	3869	556	571
575		CCL	DCSK	7	691	4994	4699	4946	4962	48	-263
576		CCL	BSDC	8	7894	5663	5501	5014	4779	649	722
577		ECL	CCSJ	8	7419	4169	4011	4188	4058	-19	-47
578		CCL	CCSR	8	1703	4941	4864	4967	4691	-26	173
579		CCL	RDML	9	3790	4231	4102	4091	3946	140	156
580		CCL	CCSR	9	1099	4297	7112	4967	4691	-670	2421
581		CCL	BCBM	11	7674	3636	3385	3490	3280	146	105
582		CCL	CCSR	11	1219	3661	3419	4967	4691	-1306	-1272
583		CCL	DCSK	11	5450	3739	3544	3747	3584	-8	-40
584		CCL	KASN	11	6004	4223	4018	4275	4095	-52	-77
585		CCL	DCSK	12	1612	3691	3466	4318	4132	-627	-666
586		CCL	KASN	12	3063	3803	3552	3755	3520	48	32
587	Apr-21	CCL	SLCS	12	3866	3291	3164	3604	3287	-313	-123
588		CCL	DCSK	13	4618	3650	3440	3649	3454	1	-14
589		CCL	SLCS	13	7776	2914	2695	3400	3166	-486	-471
590		CCL	JRGD	W-IV	9043	5129	5020	3879	3821	1250	1199
591		CCL	JRGD	W-V	11922	4728	4637	3686	3629	1042	1008
592		CCL	KWJP	W-IV	7977	4947	4826	4275	4209	672	617
593		CCL	KWJP	W-V	3550	4974	4846	4692	4609	282	237
594		CCL	PSJA	W-IV	8015	5005	4903	4614	4515	391	388
595		CCL	PSJA	W-V	11208	4800	4691	4306	4216	494	475
596		CCL	TCSB	W-IV	0	4625	4527	4223	4099	402	428
597		CCL	TCSB	W-V	26506	4467	4373	3863	3773	604	600
598		CCL	DNSD	W-V	3819	4458	4337	4239	4131	219	206
599		CCL	SLSP	13	26714	3071	2822	3998	3521	-927	-699
600		ECL	NMCL	5	3964	4551	4207	4941	4686	-390	-479

601		CCL	DCSK	7	11640	5287	5060	4544	4327	743	733
602		CCL	BSDC	8	2653	5059	4847	3189	2907	1870	1940
603		CCL	BSDC	9	1349	5044	4855	4605	4358	439	497
604		CCL	RDML	9	3876	4201	4074	3617	3617	584	457
605		CCL	BLCC	11	3902	3797	3610	3432	3023	365	587
606		CCL	DCSK	11	19613	3777	3553	3775	3518	2	35
607		CCL	KASN	11	1531	4137	3964	4064	3712	73	252
608		CCL	PLCP	11	43057	3733	3484	3460	3222	273	262
609		CCL	SLCS	11	15454	2970	2773	3680	3362	-710	-589
610	May-21	CCL	DCSK	12	7289	3638	3404	4144	3902	-506	-498
611		CCL	KASN	12	2574	3283	3076	4096	3795	-813	-719
612		CCL	PLCP	12	18520	3522	3275	3583	3348	-61	-73
613		CCL	SLCS	12	15454	3022	2855	3624	3273	-602	-418
614		CCL	DCSK	13	7638	3281	3043	3710	3406	-429	-363
615		CCL	SLSP	13	34890	3441	3251	3892	3478	-451	-227
616		CCL	JRGD	W-IV	6038	4606	4499	3851	3765	755	734
617		CCL	JRGD	W-V	24198	4650	4534	3837	3764	813	770
618		CCL	KWJP	W-V	2123	5373	5248	4494	4413	879	835
619		CCL	DNSD	W-V	15523	4475	4346	4509	4398	-34	-52
620		CCL	TCSB	W-V	19449	3948	3878	3821	3652	127	226
621		CCL	KNSP	6	1312	4439	4189	4140	3924	299	265
622		CCL	KNSP	W-IV	1156	4546	4318	4464	4176	82	142
623		CCL	KSDK	W-IV	4002	5089	5027	3597	3535	1492	1493
624		CCL	DCSK	7	3823	4813	4589	4479	4114	334	475
625		CCL	BSDC	8	3993	4907	4539	3912	3692	995	847
626		CCL	BCBM	11	7455	2950	2775	2601	2356	349	419
627		CCL	BLCC	11	23246	3711	3530	3691	3319	20	211
628		CCL	DCSK	11	5369	3503	3260	3740	3529	-237	-269
629		CCL	KASN	11	4357	3956	3735	4040	3866	-84	-131
630		CCL	PLCP	11	48279	3632	3377	3469	3121	163	256
631		CCL	RDML	11	15709	3714	3487	4129	3800	-415	-313
632		CCL	KASN	12	1730	3203	3006	4064	3879	-861	-873
633		CCL	PLCP	12	5726	3676	3447	3535	3133	141	314
634		CCL	SLCS	12	3857	3854	3624	2953	2637	901	987
635		CCL	DCSK	13	7117	3652	3397	3663	3440	-11	-43
636		CCL	SLSP	13	17471	3262	2949	3583	3155	-321	-206
637		CCL	KNSP	6	10150	4214	3911	4151	3938	63	-27
638		CCL	KNSP	W-IV	2030	4703	4340	4321	4130	382	210
639		CCL	BSDC	7	3074	4986	4751	4546	4194	440	557
640		CCL	DCSK	7	10267	5181	5066	4502	4115	679	951
641		CCL	BSDC	8	23094	4858	4546	4260	3954	598	592
642		CCL	BSDC	9	1720	4756	4470	4660	4316	96	154
643		CCL	DCSK	10	348	3832	3597	3758	3541	74	56
644		CCL	BCBM	11	7870	2791	2580	3054	2731	-263	-151
645		CCL	BLCC	11	7748	3596	3410	3010	2709	586	701
646		CCL	DCSK	11	10154	3843	3591	3857	3562	-14	29
647		CCL	KASN	11	2197	4294	4047	4065	3749	229	298
648		CCL	PLCP	11	12858	3271	3037	3485	3115	-214	-78
649		CCL	RDML	11	11036	4134	3847	3933	3654	201	193
650		CCL	KASN	12	1868	4382	4135	3887	3518	495	617
651		CCL	PLCP	12	21463	3447	3243	3351	3029	96	214
652		CCL	DCSK	13	11401	3509	3210	3756	3489	-247	-279
653		CCL	SLCS	13	15624	4174	3838	3616	3217	558	621
654		CCL	SLSP	13	3925	3837	3404	3876	3419	-39	-15
655		CCL	KNSP	6	3976	4512	4172	4202	3698	310	474
656		CCL	BSDC	7	7374	5260	5038	4463	4130	797	908
657		CCL	DCSK	7	5586	4805	4484	4375	3996	430	488
658		CCL	BSDC	8	18963	5265	5090	4470	4121	795	969
659		CCL	CCSR	8	2777	4545	4441	4436	3983	109	458
660		CCL	CCSR	9	6384	4429	4234	3872	3466	557	768
661		CCL	RDML	9	14170	4738	4456	4704	4293	34	163
662		CCL	DCSK	10	4103	3790	3549	3787	3488	3	61

663		CCL	BCBM	11	11778	3498	3212	3671	3236	-173	-24
664	Aug-21	CCL	CCSR	11	5780	4363	4103	3844	3584	519	519
665		CCL	DCSK	11	1385	3825	3526	3939	3736	-114	-210
666		CCL	KASN	11	9320	4159	3894	4045	3739	114	155
667		CCL	PLCP	11	2117	4717	4368	3695	3281	1022	1087
668		CCL	RDML	11	3789	4202	4021	3937	3658	265	363
669		CCL	BSDC	12	5245	4588	4304	4155	3795	433	509
670		CCL	CCSR	12	881	4204	3858	3063	2815	1141	1043
671		CCL	KASN	12	6766	3842	3549	3775	3412	67	137
672		CCL	PLCP	12	1561	3489	3233	3451	3135	38	98
673		CCL	DCSK	13	4879	3770	3523	4000	3685	-230	-162
674		CCL	KNSP	6	7653	4943	4553	4644	4310	299	243
675		CCL	BSDC	7	2042	5403	5004	5109	4856	294	148
676		CCL	DCSK	7	3446	4638	4343	3943	3726	695	617
677		CCL	BSDC	8	17838	5167	4903	4640	4390	527	513
678		CCL	RDML	9	5788	4696	4370	4500	4188	196	182
679		CCL	BCBM	10	868	3974	3667	3301	3079	673	588
680		CCL	DCSK	10	4145	4118	3797	3921	3666	197	131
681		CCL	PLCP	10	1355	3527	3224	3751	3353	-224	-129
682	Sep-21	CCL	BCBM	11	3046	3857	3560	3404	3153	453	407
683		CCL	KASN	11	5462	4343	4065	4087	3868	256	197
684		CCL	PLCP	11	2395	3550	3225	3432	3108	118	117
685		CCL	RDML	11	2047	4592	4204	4290	4037	302	167
686		CCL	KASN	12	2449	3480	3209	3541	3250	-61	-41
687		CCL	PLCP	12	16229	3643	3259	3309	3299	334	-40
688		CCL	DCSK	13	4770	3878	3531	3866	3617	12	-86
689		CCL	KASN	13	283	3758	3473	3361	3106	397	367
690		CCL	SLSP	13	3955	4074	3638	3963	3473	111	165
691		CCL	KNSP	6	6488	4893	4641	4589	4396	304	245
692		CCL	KNSP	W-IV	1247	4486	4255	4129	3938	357	317
693		CCL	BSDC	7	5362	5511	5279	5362	5118	149	161
694		CCL	BSDC	8	35055	5207	4948	4563	4299	644	649
695		CCL	SLCS	10	18762	3931	3521	3748	3322	183	199
696		CCL	SLSP	10	3945	3957	3471	3823	3412	134	59
697		CCL	BCBM	11	15543	3710	3508	3473	3165	237	343
698	Oct-21	CCL	KASN	11	2211	3718	3543	3663	3462	55	81
699		CCL	PLCP	11	11460	3556	3238	3744	3382	-188	-144
700		CCL	BSDC	12	7542	4142	3888	3864	3639	278	249
701		CCL	PLCP	12	15831	3572	3250	3533	3188	39	62
702		CCL	SLCS	12	11016	3848	3454	3637	3210	211	244
703		CCL	SLSP	12	15548	3854	3428	3902	3338	-48	90
704		CCL	KASN	13	1888	3908	3698	3715	3506	193	192
705		CCL	SLCS	13	7810	3880	3510	3791	3311	89	199
706		CCL	SLSP	13	7642	3502	3159	3857	3428	-355	-269
707		CCL	KNSP	6	28817	4897	4652	4294	4094	603	558
708		CCL	KNSP	W-IV	2144	5027	4771	4450	4266	577	505
709		CCL	BSDC	7	9744	5438	5237	4877	4602	561	635
710		CCL	DCSK	7	8023	5445	5135	4799	4354	646	781
711		CCL	BSDC	8	18553	5288	5071	4398	4162	890	909
712		CCL	BSDC	9	3888	4973	4763	4425	4187	548	576
713	Nov-21	CCL	BCBM	10	3082	3817	3671	3683	3395	134	276
714		CCL	SLCS	10	15304	4013	3575	3662	3233	351	342
715		CCL	BCBM	11	21933	3780	3569	3677	3390	103	179
716		CCL	PLCP	11	17155	3904	3674	3453	3232	451	442
717		CCL	RDML	11	3883	4249	4078	4106	3933	143	145
718		CCL	PLCP	12	3874	3712	3472	3641	3363	71	109
719		CCL	SLSP	12	19458	3856	3480	3822	3389	34	91
720		CCL	SLCS	13	3937	3972	3572	3875	3422	97	150
721		CCL	KNSP	6	9153	5248	4929	4386	4206	862	723
722		CCL	KNSP	W-IV	3170	5015	4732	4249	4032	766	700
723		CCL	CHRI	W-IV	27419	5044	4857	4415	4309	629	548
724		CCL	BSDC	7	2083	5459	5299	5213	4934	246	365

725		CCL	BSDC	8	30403	5491	5255	4852	4621	639	634
726		CCL	KASN	9	1517	4945	4734	4178	3971	767	763
727		CCL	BSDC	9	2923	5487	5286	4580	4360	907	926
728	Dec-21	CCL	BCBM	11	7820	3897	3605	3625	3358	272	247
729		CCL	PLCP	11	12950	3951	3814	3619	3334	332	480
730		CCL	BSDC	12	11830	4468	4284	3697	3527	771	757
731		CCL	KASN	12	1563	4905	4628	3746	3461	1159	1167
732		CCL	PLCP	12	17915	3677	3541	3585	3269	92	272
733		CCL	SLSP	12	3851	3933	3457	3871	3346	62	111
734		CCL	KASN	13	1517	3768	3464	3683	3427	85	37
735		CCL	SLSP	13	7683	3412	3047	3559	3205	-147	-158
736		CCL	KNSP	6	4179	4546	4300	4259	4048	287	252
737		CCL	KNSP	W-IV	5871	4778	4530	4396	4186	382	344
738		CCL	CHRI	W-IV	14171	5569	5284	4333	4217	1236	1067
739		CCL	BSDC	7	4017	5630	5380	4730	4470	900	910
740		CCL	DCSK	7	3536	5414	4990	4306	4062	1108	928
741		CCL	BSDC	8	6117	4913	4568	4713	4467	200	101
742		CCL	BCBM	10	5236	4003	3618	3610	3272	393	346
743		CCL	KASN	10	3885	4411	4212	4231	4008	180	204
744	Jan-22	CCL	BCBM	11	6219	3774	3455	3749	3386	25	69
745		CCL	DCSK	11	2731	4540	4296	3780	3563	760	733
746		CCL	PLCP	11	6768	3886	3624	3624	3283	262	341
747		CCL	RDML	11	7560	4694	4407	3965	3700	729	707
748		CCL	KASN	12	1861	4442	4065	3776	3405	666	660
749		CCL	PLCP	12	3390	3750	3440	3794	3508	-44	-68
750		CCL	DCSK	13	1871	3917	3682	3806	3556	111	126
751		CCL	KASN	13	2470	4087	3746	3594	3217	493	529
752		CCL	KNSP	6	39983	4925	4698	4258	4053	667	645
753			KNSP	W-IV	23856	4678	4466	4171	3989	507	477
754		CCL	DCSK	7	6581	5370	4970	4892	4547	478	423
755		CCL	BSDC	7	12107	5484	5233	5425	5188	59	45
756		CCL	BSDC	8	3892	5575	5331	4597	4318	978	1013
757		CCL	BCBM	10	8177	4376	4148	3253	3029	1123	1119
758		CCL	PLCP	10	956	4443	4342	4039	3612	404	730
759		CCL	SLSP	10	3879	3733	3331	3827	3398	-94	-67
760	Feb-22	CCL	BCBM	11	13415	4201	3932	3311	3075	890	857
761		CCL	BLCC	11	7786	4207	4082	3795	3518	412	564
762		CCL	DCSK	11	4127	4178	3989	3767	3503	411	486
763		CCL	PLCP	11	23421	4128	3920	3324	3051	804	869
764		CCL	RDML	11	11548	4376	4089	4019	3793	357	296
765		CCL	RLCM	11	3982	4411	4182	3897	3756	514	426
766		CCL	PLCP	12	4169	3822	3661	3815	3558	7	103
767		CCL	DCSK	13	1505	3877	3693	3984	3736	-107	-43
768		ECL	NMCL	5	3528			4764	4537		
769		CCL	KNSP	6	35208	4944	4724	4026	3869	918	855
770			KNSP	W-IV	26558	4746	4543	3989	3835	757	708
771		CCL	BSDC	7	5060	5204	4949	5065	4758	139	191
772		CCL	DCSK	7	4417	5863	5625	5372	4942	491	683
773		CCL	BSDC	8	34142	4924	4715	4889	4610	35	105
774		CCL	CCSR	8	986	4728	4376	4963	4747	-235	-371
775		CCL	BCBM	10	4817	4719	4619	3063	2840	1656	1779
776		CCL	KASN	10	5173	4505	4326	4231	4037	274	289
777	Mar-22	CCL	PLCP	10	1875	4098	4002	3028	2799	1070	1203
778		CCL	BCBM	11	10936	4359	4167	2997	2761	1362	1406
779		CCL	BLCC	11	11808	3888	3783	3041	2810	847	973
780		CCL	CCSR	11	3095	4144	3720	4114	3937	30	-217
781		CCL	DCSK	11	2707	4447	4345	3996	3703	451	642
782		CCL	PLCP	11	2597	4167	4049	3552	3266	615	783
783		CCL	RDML	11	11981	4291	4091	3635	3414	656	677
784		CCL	PLCP	12	6783	3775	3629	3551	3244	224	385
785		CCL	KASN	13	3106	3525	3337	3964	3740	-439	-403
786		CCL	DCSK	13	1073	3746	3566	3793	3531	-47	35

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: NABINAGAR SUPER THERMAL POWER STATION

Name of Company: NTPC LTD

Sampling methodology adopted for station : As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement :

CCL Unit#1 22-Apr-20 23.463 MT, CCL Unit#1 23-Nov-21 -0.793 LMT, BCCL Unit#1 13-May-22 3.0 LMT, CCL Unit#2 09-Aug-21
23.463 LMT, CCL Unit#2 23-Nov-21 2.607 LMT, CCL Unit#3 09-Jun-22 23.463 LMT

Annual Contracted Quantity (as per FSA): 75.2 LMT as on 06.04.23

Mode of transport: Rail

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
	Apr-20	CCL	G11	32,323			3517	3254		
1	May-20	CCL	G10	87,862	3983	3835	3896	3696	87	139
2	Jun-20	CCL	G11	1,28,927	4146	3923	3835	3409	311	514
3	Jul-20	CCL	G12	40,026	4630	4247	3618	3298	1012	949
4	Aug-20	CCL	G12	93,658	3710	3391	3771	3526	-61	-135
5	Sep-20	CCL	G12	44,696	4406	4052	3315	3076	1091	976
6	Oct-20	CCL	G12	1,31,570	3868	3588	3781	3463	87	125
7	Nov-20	CCL	G12	2,19,969	3857	3592	3524	3258	333	334
8	Dec-20	CCL	G13	1,06,489	4248	3894	3563	3190	685	704
9	Jan-21	CCL	G12	2,71,152	4010	3727	3800	3438	210	289
10	Feb-21	CCL	G12	3,19,499	3604	3351	3734	3367	-130	-16
11	Mar-21	CCL	G12	1,42,955	3997	3804	3927	3653	70	151
16	Jul-20	CCL (Washed Coal)	WC/WIV/WV	1,83,113	4548	4316	4279	3969	269	347
17	Aug-20	CCL (Washed Coal)	WC/WIV/WV	1,41,200	4617	4427	4471	4171	146	256
18	Sep-20	CCL (Washed Coal)	WC/WIV/WV	2,03,532	4438	4213	4084	3800	354	413
19	Oct-20	CCL (Washed Coal)	WC/WIV/WV	1,33,542	4534	4308	4165	3898	369	410
20	Nov-20	CCL (Washed Coal)	WC/WIV/WV	1,47,906	4396	4151	3856	3596	540	555
21	Dec-20	CCL (Washed Coal)	WC/WIV/WV	64,199	4197	3987	3964	3681	233	306
22	Jan-21	CCL (Washed Coal)	WC/WIV/WV	15,567	4377	4200	4003	3730	374	470
23	Feb-21	CCL (Washed Coal)	WC/WIV/WV	11,495	4529	4394	4366	4064	163	330
25	Apr-21	CCL	G12	1,17,321	3866	3719	3790	3493	76	226
26	May-21	CCL	G12	1,07,885	3922	3700	3843	3502	79	198
27	Jun-21	CCL	G12	68,218	4360	4094	4099	3619	261	475
28	Jul-21	CCL	G11	1,74,429	4223	3941	4015	3620	208	321
29	Aug-21	CCL	G11	2,82,345	4322	4032	4186	3768	136	264
30	Sep-21	CCL	G11	2,46,442	4429	4144	4283	3904	146	240
31	Oct-21	CCL	G12	3,25,601	4033	3751	3902	3573	131	178
32	Nov-21	CCL	G12	3,17,270	4209	3944	4070	3782	139	162
33	Dec-21	CCL	G11	3,18,976	4120	3871	3824	3538	296	333
34	Jan-22	CCL	G11	2,12,033	4172	3909	3953	3647	219	262
35	Feb-22	CCL	G11	2,09,393	4460	4243	3934	3643	526	600
36	Mar-22	CCL	G12	2,73,618	4479	4272	4015	3718	464	554
37	Apr-21	CCL (Washed Coal)	WC/WIV/WV	75,110	4714	4699	3912	3638	802	1061
38	May-21	CCL (Washed Coal)	WC/WIV/WV	1,20,216	4388	4188	3981	3673	407	515
39	Jun-21	CCL (Washed Coal)	WC/WIV/WV	1,40,602	4611	4337	4294	3776	317	561
41	Aug-21	CCL (Washed Coal)	WC/WIV/WV	81,999	4679	4456	4414	3938	265	518
42	Sep-21	CCL (Washed Coal)	WC/WIV/WV	1,58,040	4344	4125	4302	3998	42	127
43	Oct-21	CCL (Washed Coal)	WC/WIV/WV	1,21,860	4565	4356	4207	3967	358	389
44	Nov-21	CCL (Washed Coal)	WC/WIV/WV	2,03,448	4509	4317	4216	3967	293	350
45	Dec-21	CCL (Washed Coal)	WC/WIV/WV	1,75,080	4681	4462	4101	3875	580	587
46	Jan-22	CCL (Washed Coal)	WC/WIV/WV	41,402	4667	4348	4137	3803	530	545
47	Feb-22	CCL (Washed Coal)	WC/WIV/WV	1,73,870	4938	4721	4234	3914	704	807
48	Mar-22	CCL (Washed Coal)	WC/WIV/WV	2,10,647	4972	4760	4217	3892	755	868
49	Apr-21	BCCL (Washed Coal)	WC/WIV/WV	18,358	5613	5573	4548	4491	1065	1082
50	May-21	BCCL (Washed Coal)	WC/WIV/WV	42,180	5253	5137	4326	4122	927	1015
51	Jun-21	BCCL (Washed Coal)	WC/WIV/WV	23,439	5384	5254	4450	4242	934	1012
52	Jul-21	BCCL (Washed Coal)	WC/WIV/WV	29,664	5210	5084	4350	4155	860	929
53	Aug-21	BCCL (Washed Coal)	WC/WIV/WV	26,632	5766	5606	4044	3798	1722	1808

54	Sep-21	BCCL (Washed Coal)	WC/WIV/WV	41,979	5541	5377	4996	4718	545	659
55	Oct-21	BCCL (Washed Coal)	WC/WIV/WV	49,451	4959	4847	4755	4549	204	298
56	Nov-21	BCCL (Washed Coal)	WC/WIV/WV	3,779	5229	5134	5364	5218	-135	-84
58	Dec-21	NCL	G10	78,258	4639	4241	4332	3901	307	340
59	Jan-22	NCL	G10	2,61,239	4464	4082	4470	4018	-6	64
60	Feb-22	NCL	G10	1,74,959	4681	4288	4447	4014	234	274
61	Mar-22	NCL	G10	84,663	4953	4511	4625	4160	328	351

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: Talcher STPS

Name of Company: NTPC LIMITED

Sampling methodology adopted for station :As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed : As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement : 26th June 2009

Annual Contracted Quantity (as per FSA): MCL-16.8 MMT. ECL-1 MMT

Mode of tra MGR, IR

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE		QUANTITY (MT) (As Received From MGR-TSTPS)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
						EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Apr-17	MCL	14	G14	435561	2653	2537	2316	2217	337	320
2	Apr-17	MCL	13	G13	812343	3233	3096	2767	2654	466	442
3	Apr-17	MCL	14	G14	97018	3417	3199	3109	2977	308	222
4	Apr-17	MCL	13	G13	14266	4138	3861	3032	2866	1106	995
5	Apr-17	ECL	G13-G15	G13-G15	86060	5720	5474	4623	4508	1097	965
6	May-17	MCL	14	G14	420721	3174	2995	2675	2535	499	460
7	May-17	MCL	13	G13	815018	3500	3327	2762	2632	738	695
8	May-17	MCL	14	G14	39228	4086	3667	3695	3277	392	390
9	May-17	MCL	13	G13	189047	3328	3192	2884	2755	444	437
10	May-17	MCL	13	G13	13963	3673	3315	3187	3052	487	263
11	May-17	ECL		G13-G15	53412	5140	4914	4782	4626	358	289
12	Jun-17	MCL	14	G14	469699	2971	2774	2659	2465	311	309
13	Jun-17	MCL	13	G13	880959	3519	3304	3152	2956	367	348
14	Jun-17	MCL	14	G14	30902	3433	3144	3063	2675	370	469
15	Jun-17	MCL	13	G13	105050	3582	3352	3302	3085	280	267
16	Jun-17	ECL		G13-G15	84010	5664	5376	4955	4647	708	728
17	Jul-17	MCL	14	G14	537690	3261	3008	3265	3007	-4	1
18	Jul-17	MCL	13	G13	5496	3485	3152	3614	3410	-129	-258
19	Jul-17	MCL	13	G13	1035332	3882	3569	3599	3346	283	223
20	Jul-17	MCL	14	G14	85719	3255	2969	2944	2690	311	279
21	Jul-17	ECL	4-8	G4-G8	47749	5887	5545	5002	4634	885	912
22	Aug-17	MCL	14	G14	517034	3398	3141	3231	3027	167	114
23	Aug-17	MCL	13	G13	899544	3953	3640	3584	3360	369	280
24	Aug-17	MCL	14	G14	31803	3165	2921	2873	2632	292	289
25	Aug-17	ECL	4-8	G4-G8	3415	6099	5685	3810	3502	2289	2183
26	Sep-17	MCL	14	G14	539340	3417	3182	3253	3029	165	153
27	Sep-17	MCL	13	G13	870469	3963	3664	3615	3395	348	270
28	Oct-17	MCL	14	G14	563688	3270	3059	2908	2730	362	329
29	Oct-17	MCL	13	G13	849317	4080	3784	3382	3188	698	595
30	Nov-17	MCL	14	G14	608909	3100	2927	2749	2592	351	334
31	Nov-17	MCL	13	G13	895624	3682	3435	3164	2991	518	444
32	Dec-17	MCL	14	G14	623889	3567	3344	3265	3084	302	260
33	Dec-17	MCL	13	G13	853967	3566	3346	3201	3031	365	316
34	Dec-17	MCL	13	G13	6125	3476	3239	3848	3598	-372	-359
35	Dec-17	MCL	14	G14	10716	4143	3967	3256	3056	887	910
36	Jan-18	MCL	14	G14	640842	3531	3295	2905	2729	626	566
37	Jan-18	MCL	13	G13	1029648	3918	3654	3298	3124	620	530
38	Jan-18	ECL		G13-G15	3412	6104	5728	5105	4935	999	793
39	Jan-18	MCL	13	G13	22530	3328	3098	2812	2660	516	438
40	Feb-18	MCL	14	G14	564518	3984	3730	3326	3096	657	634
41	Feb-18	MCL	13	G13	836370	3612	3396	3081	2905	531	491
42	Feb-18	ECL		G13-G15	18623	5131	4709	4836	4650	294	59
43	Feb-18	MCL	13	G13	18300	3921	3680	3359	3168	562	512
44	Feb-18	MCL	13	G13	3689	4448	4090	3750	3503	698	587

45	Mar-18	MCL	14	G14	656986	3128	2940	2928	2759	200	182
46	Mar-18	MCL	13	G13	999172	3872	3647	3049	2876	823	771
47	Mar-18	ECL		G13-G15	70094	5329	4939	4944	4760	385	179
48	Mar-18	MCL	13	G13	25617	4170	3918	3557	3396	613	523
49	Mar-18	MCL	13	G13	7463	4201	3895	3068	2928	1133	968
50	Apr-18	MCL	14	G14	291492	3544	3370	3248	3023	297	347
51	Apr-18	MCL	13	G13	973583	3633	3397	3417	3234	216	163
52	Apr-18	ECL		G13-G15	69830	5274	4928	4823	4599	451	329
53	Apr-18	MCL	13	G13	10952	4219	3974	3766	3566	453	408
54	Apr-18	MCL IB Valley	14	G14	60302	3641	3429	3451	3288	190	141
55	May-18	MCL	14	G14	216376	3790	3584	3247	3060	543	524
56	May-18	MCL	13	G13	959218	3603	3386	3009	2832	594	554
57	May-18	ECL		G13-G15	81411	4877	4597	4807	4609	70	-12
58	May-18	MCL	13	G13	18112	4001	3746	3689	3496	312	250
59	May-18	MCL IB Valley	14	G14	86323	3366	3137	3139	2980	226	156
60	Jun-18	MCL	14	G14	439982	3553	3334	3233	3014	320	320
61	Jun-18	MCL	13	G13	976021	3630	3420	3141	2958	489	462
62	Jun-18	ECL		G13-G15	89962	4743	4493	4415	4216	328	276
63	Jun-18	MCL	13	G13	18442	3855	3603	3259	3082	596	521
64	Jun-18	MCL IB Valley	13	G13	75878	3317	3104	3030	2873	287	231
65	Jul-18	MCL	14	G14	471218	2797	2564	2648	2493	150	70
66	Jul-18	MCL	13	G13	871933	3287	3043	2921	2727	366	316
67	Jul-18	ECL		G13-G15	80566	4525	4210	4412	4186	112	24
68	Jul-18	MCL IB Valley	14	G14	47093	3021	2749	3258	3020	-237	-271
69	Aug-18	MCL	14	G14	329077	3241	2964	3041	2798	200	166
70	Aug-18	MCL	13	G13	719097	3710	3433	3261	3023	449	410
71	Aug-18	ECL		G13-G15	25275	5295	4973	4795	4522	500	451
72	Aug-18	MCL IB Valley	13	G13	99514	2805	2592	2879	2664	-74	-72
73	Sep-18	MCL	14	G14	457643	3454	3166	3110	2841	344	325
74	Sep-18	MCL	13	G13	713325	3373	3126	2797	2577	576	549
75	Sep-18	MCL IB Valley	13	G13	88142	3135	2903	2854	2629	281	273
76	Sep-18	MCL	13	G13	3778	4098	3738	3132	2897	966	842
77	Oct-18	MCL	14	G14	523073	2923	2727	2805	2604	118	123
78	Oct-18	MCL	13	G13	858143	3487	3279	2614	2441	872	838
79	Oct-18	MCL IB Valley	13	G13	128617	3346	3118	2707	2553	639	566
80	Oct-18	MCL	14	G14	7104	4117	3769	3284	3047	833	721
81	Oct-18	ECL		G13-G15	10415	3527	3384	3894	3629	-367	-245
82	Nov-18	MCL	14	G14	532860	3338	3158	2846	2663	492	495
83	Nov-18	MCL	13	G13	853626	3524	3337	2815	2650	708	686
84	Nov-18	MCL IB Valley	13	G13	66832	3263	3067	2692	2564	570	503
85	Nov-18	MCL	13	G13	3941	3725	3421	3292	3091	433	330
86	Nov-18	ECL		G13-G15	19775	5898	5611	4717	4521	1181	1090
87	Dec-18	MCL	14	G14	522453	3573	3321	3226	3007	347	314
88	Dec-18	MCL	13	G13	970163	3741	3518	3078	2887	664	631
89	Dec-18	MCL IB Valley	13	G13	26998	3345	3160	3090	2937	255	223
90	Dec-18	MCL	13	G13	3545	3108	2791	4581	4209	-1473	-1418
91	Jan-19	MCL	14	G14	466038	3319	3088	3040	2822	279	266
92	Jan-19	MCL	13	G13	653610	3478	3280	2791	2627	686	653
93	Jan-19	MCL IB Valley	13	G13	23771	3119	2928	2675	2509	444	420
94	Jan-19	MCL	13	G13	10552	4253	3942	4021	3675	231	267
95	Jan-19	ECL		G13-G15	13917	5396	5023	3756	3575	1640	1448
96	Feb-19	MCL	14	G14	387042	3829	3581	3684	3449	145	132
97	Feb-19	MCL	13	G13	746436	3609	3417	3111	2932	498	485
98	Feb-19	MCL IB Valley	13	G13	23716	3250	3045	2926	2784	325	261
99	Feb-19	MCL	14	G14	7171	3473	3230	3398	3179	76	51
100	Feb-19	ECL		G13-G15	17656	4598	4351	4117	3900	481	451
101	Mar-19	MCL	14	G14	579829	3593	3402	3379	3195	215	207
102	Mar-19	MCL	13	G13	889982	3934	3701	3397	3192	537	509
103	Mar-19	MCL IB Valley	13	G13	10218	3717	3519	3502	3285	215	233
104	Mar-19	ECL		G13-G15	57744	5079	4784	4272	4121	807	663

105	Apr-19	MCL	14	G14	422866	3608	3396	3352	3149	256	247
106	Apr-19	MCL	13	G13	877127	3525	3322	2924	2758	601	563
107	Apr-19	MCL IB Valley	13	G13	7041	3782	3560	2948	2813	834	747
108	Apr-19	ECL		G13-G15	47168	4185	3933	3889	3741	297	191
109	May-19	MCL	14	G14	491827	3026	2823	2920	2728	106	95
110	May-19	MCL	13	G13	826354	3451	3234	2854	2665	597	569
111	May-19	MCL IB Valley	13	G13	37740	4080	3883	3265	3123	815	759
112	May-19	MCL	14	G14	50132	4034	3800	3544	3324	490	476
113	May-19	ECL		G13-G15	37552	4923	4648	3661	3437	1262	1211
114	May-19	SCCL		G	36383	3807	3654	3335	3182	472	473
115	Jun-19	MCL	14	G14	469607	3787	3486	3476	3222	312	263
116	Jun-19	MCL	13	G13	837269	3350	3132	2910	2716	440	416
117	Jun-19	MCL IB Valley		G	53273	3755	3557	3252	3102	503	455
118	Jun-19	MCL		G	7516	4000	3869	3057	2906	944	964
119	Jun-19	ECL		G13-G15	30438	4492	4293	3472	3319	1020	973
120	Jun-19	SCCL		G	73758	3923	3736	3437	3285	486	450
121	Jul-19	MCL	14	G14	319087	3348	3073	3135	2915	214	158
122	Jul-19	MCL	13	G13	581300	3615	3396	3273	3063	342	333
123	Jul-19	MCL IB Valley		G	77544	3306	3051	3221	3026	85	25
124	Jul-19	MCL		G	24856	4017	3774	3563	3337	454	437
125	Jul-19	ECL		G13-G15	60989	4712	4411	4218	3998	494	413
126	Jul-19	SCCL		G	42190	3207	3080	2895	2758	312	323
127	Aug-19	MCL	14	G14	212639	3448	3128	3187	2946	262	183
128	Aug-19	MCL	13	G13	481652	2928	2688	2722	2511	206	177
129	Aug-19	MCL IB Valley		G	82278	3448	3179	3280	3025	169	154
130	Aug-19	ECL		G13-G15	54506	4622	4355	3972	3736	650	619
131	Aug-19	SCCL		G	122545	3574	3401	3203	3003	371	398
132	Sep-19	MCL	14	G14	199053	3266	2973	3045	2805	221	168
133	Sep-19	MCL	13	G13	644550	2821	2578	2547	2337	275	241
134	Sep-19	MCL IB Valley		G	47179	3337	3069	3287	3025	50	44
135	Sep-19	ECL		G13-G15	34643	4893	4643	3573	3269	1320	1374
136	Sep-19	SCCL		G	74172	3696	3679	3153	2949	542	730
137	Oct-19	MCL	14	G14	370833	3028	2764	2826	2607	202	157
138	Oct-19	MCL	13	G13	691322	2821	2578	2977	2750	-156	-171
139	Oct-19	MCL IB Valley		G	20731	3418	3220	3106	2856	312	364
140	Oct-19	ECL		G13-G15	40147	4754	4469	4191	3944	563	525
141	Oct-19	SCCL		G	55295	4071	3871	3483	3318	587	553
142	Oct-19	NCL		G	18185	3637	3387	3637	3387	0	0
143	Oct-19	PB	9	G9	3767	5050	4711	4381	4203	669	508
144	Nov-19	MCL	14	G14	386812	3270	3004	3094	2874	176	130
145	Nov-19	MCL	13	G13	793744	3274	3084	2922	2751	352	333
146	Nov-19	MCL IB Valley		G	7103	3599	3381	3060	2927	539	454
147	Nov-19	ECL		G13-G15	74185	4586	4401	3826	3696	760	705
148	Nov-19	SCCL		G	116833	3775	3635	3225	3101	550	534
149	Nov-19	SECL		G	10159	4247	3988	4252	4120	-5	-132
150	Nov-19	NCL		G	3723	4480	4480	3341	3063	1139	1417
151	Nov-19	PB	9	G9	11792	4997	4647	4606	4310	391	337
152	Dec-19	MCL	14	G14	493661	3119	2896	3017	2820	102	76
153	Dec-19	MCL	13	G13	798919	3613	3406	3417	3227	197	179
154	Dec-19	ECL		G13-G15	57003	4903	4577	4387	4199	516	378
155	Dec-19	SCCL		G	31806	4167	3952	3794	3661	373	291
156	Dec-19	NCL		G	20724	4842	4434	3802	3467	1040	967
157	Dec-19	PB	9	G9	27717	5123	4800	4750	3461	373	1339
158	Jan-20	MCL	14	G14	546783	3084	2869	2857	2674	227	195
159	Jan-20	MCL	13	G13	819579	3516	3273	3334	3139	182	134
160	Jan-20	MCL	12	G12	10623	3294	3125	3294	3125	0	0
161	Jan-20	DULANGA-DCMP	13	G13	49670	3359	3213	3232	3056	127	157
162	Jan-20	SCCL		G	3837	3619	3444	3245	3128	374	316
163	Jan-20	PB	9	G9	43770	5030	4727	4598	4347	431	380
164	Jan-20	ECL		G13-G15	48550	4545	4334	4157	4002	388	332

165	Feb-20	MCL	14	G14	537703	3496	3205	3054	2854	442	352
166	Feb-20	MCL	13	G13	766586	3654	3389	3218	3033	436	357
167	Feb-20	MCL	12	G12	3721	2975	2745	2975	2745	0	0
168	Feb-20	DULANGA-DCMP	13	G13	41539	3344	3183	3261	3043	83	140
169	Feb-20	SCCL		G	19215	3697	3504	3556	3436	141	69
170	Feb-20	PB	9	G9	7938	4966	4667	4598	4347	368	320
171	Feb-20	ECL		G13-G15	43986	5214	4881	4996	4837	218	44
172	Mar-20	MCL	14	G14	579461	3162	2964	2873	2721	290	243
173	Mar-20	MCL	13	G13	764066	3171	2977	3171	2977	0	0
174	Mar-20	MCL	12	G12	14472	3251	3119	3251	3119	0	0
175	Mar-20	DULANGA-DCMP	13	G13	6875	3447	3235	3381	3164	66	71
176	Mar-20	ECL		G13-G15	51604	5253	4945	4554	4308	699	637
177	Apr-20	MCL	14	G14	571973	3162	2964	3148	2955	14	9
178	Apr-20	MCL	13	G13	615773	3246	3055	3246	3055	0	0
179	Apr-20	MCL	14	G14	3772	3246	3055	3246	3055	0	0
180	Apr-20	ECL	14	G13-G15	62198	5214	4941	4130	3911	1084	1030
181	Apr-20	DULANGA-DCMP	13	G13	14455	2964	2794	3030	2837	-66	-43
182	Apr-20	MCL IB Valley	14	G14	24910	3263	3036	2802	2600	461	436
183	Apr-20	PB	9	G9	7912	4966	4667	4598	4347	368	320
184	May-20	MCL	14	G14	555852	3576	3342	3346	3165	231	177
185	May-20	MCL	13	G13	700051	3242	3057	3218	3001	24	56
186	May-20	MCL IB Valley		G	27512	3285	3062	2476	2380	809	682
187	May-20	DULANGA-DCMP	13	G13	66083	3396	3220	3177	3023	219	197
188	May-20	PB	9	G9	68908	4935	4715	4369	4114	566	601
189	May-20	ECL		G13-G15	132775	5421	5072	4824	4647	597	425
190	Jun-20	MCL	14	G14	506241	3440	3191	3199	2957	241	234
191	Jun-20	MCL	13	G13	583122	3270	3051	3247	3021	23	30
192	Jun-20	DULANGA-DCMP	13	G13	13857	3439	3197	3305	3085	134	112
193	Jun-20	PB	9	G9	121766	4840	4542	4466	4160	374	382
194	Jun-20	ECL		G13-G15	168773	5585	5224	4701	4458	885	766
195	Jul-20	MCL	14	G14	482553	3486	3258	3042	2841	444	417
196	Jul-20	MCL	13	G13	640701	3580	3337	3162	2955	418	382
197	Jul-20	LRST	12	G12	10621	3141	2970	3141	2970	0	0
198	Jul-20	PB	9	G9	39392	4840	4542	4446	4142	394	400
199	Jul-20	ECL		G13-G15	223526	4998	4710	4852	4619	146	91
200	Aug-20	MCL	14	G14	455389	3305	3052	3030	2801	275	251
201	Aug-20	MCL	13	G13	628659	3678	3407	3173	2936	506	472
202	Aug-20	MCL	12	G12	46611	3303	3063	3303	3063	0	0
203	Aug-20	DULANGA-DCMP	13	G13	25260	3285	3047	3235	3063	50	-16
204	Aug-20	PB	9	G9	31754	4903	4480	4446	4142	457	338
205	Aug-20	ECL		G13-G15	207612	5592	5249	4778	4481	814	769
206	Aug-20	MCL IB Valley		G	4029	2364	2164	2476	2380	-112	-216
207	Sep-20	MCL	14	G14	457188	3328	3077	3030	2827	298	250
208	Sep-20	MCL	13	G13	553409	3518	3255	3080	2866	437	389
209	Sep-20	MCL	12	G12	60772	3566	3299	3469	3228	97	71
210	Sep-20	DULANGA-DCMP	13	G13	55553	3422	3168	3313	3066	109	101
211	Sep-20	ECL		G13-G15	208502	5453	4841	4803	4551	650	290
212	Oct-20	MCL	14	G14	500743	3669	3398	3287	3052	382	346
213	Oct-20	MCL	13	G13	492129	3621	3350	3117	2881	504	469
214	Oct-20	MCL	12	G12	14322	3458	3221	3094	2875	364	346
215	Oct-20	MCL	12	G12	71527	3546	3292	3549	3308	-3	-16
216	Oct-20	DULANGA-DCMP	13	G13	10526	3336	3076	3376	3079	-40	-3
217	Oct-20	SCCL		G	3851	3566	3318	3066	2776	500	542
218	Oct-20	ECL		G13-G15	278313	5665	5370	4945	4663	720	707
219	Nov-20	MCL	14	G14	415901	3675	3456	3387	3162	287	294
220	Nov-20	MCL	13	G13	417113	3575	3330	3164	2961	411	369
221	Nov-20	MCL	12	G12	224321	3505	3286	3418	3233	88	53
222	Nov-20	MCL	12	G12	85321	3563	3392	3550	3392	13	0
223	Nov-20	ECL		G13-G15	247604	5624	5312	4836	4637	787	676
224	Dec-20	MCL	14	G14	529259	3884	3610	3660	3403	225	207

225	Dec-20	MCL	13	G13	294679	3691	3442	3338	3121	354	321
226	Dec-20	MCL	12	G12	341575	3797	3560	3640	3430	158	130
227	Dec-20	MCL	12	G12	98289	3736	3529	3777	3574	-40	-46
228	Dec-20	ECL		G13-G15	3923	5405	5149	4753	4547	652	602
229	Jan-21	MCL	14	G14	476884	3529	3287	3357	3122	172	165
230	Jan-21	MCL	13	G13	336824	3831	3574	3444	3216	387	357
231	Jan-21	MCL	12	G12	295408	3741	3506	3654	3448	87	58
232	Jan-21	MCL	12	G12	45042	4039	3825	3929	3723	110	102
233	Jan-21	ECL	14	G13-G15	130629	5746	5443	4767	4578	979	865
234	Feb-21	MCL	14	G14	405038	3659	3393	3345	3096	314	297
235	Feb-21	MCL	13	G13	388925	3759	3488	3279	3045	479	443
236	Feb-21	MCL	12	G12	223523	3524	3281	3245	3038	279	242
237	Feb-21	ECL		G13-G15	86943	5604	5277	4709	4489	895	788
238	Mar-21	MCL	14	G14	456884	3751	3480	3546	3298	205	182
239	Mar-21	MCL	13	G13	402635	3714	3445	3488	3245	227	200
240	Mar-21	MCL	12	G12	276926	3686	3451	3453	3246	233	205
241	Mar-21	ECL		G13-G15	102745	5393	4769	4646	4472	747	297
242	Apr-21	MCL	14	G14	358116	3816	3562	3395	3170	421	392
243	Apr-21	MCL	13	G13	520585	3536	3287	3152	2951	384	337
244	Apr-21	MCL	12	G12	210773	3622	3386	3476	3269	146	117
245	Apr-21	MCL	12	G12	13395	3786	3648	3728	3548	58	101
246	Apr-21	ECL		G13-G15	99212	5612	5378	4500	4323	1111	1055
247	May-21	MCL	14	G14	389883	3921	3636	3386	3150	534	486
248	May-21	MCL	13	G13	671392	3517	3261	3066	2868	451	393
249	May-21	MCL	12	G12	338038	3667	3392	3411	3205	257	188
250	May-21	SCCL		G	12195	4562	4430	4216	4090	347	340
251	May-21	Pakri Barwadih	9	G9	27521	4367	4236	4165	3866	202	370
252	May-21	ECL		G13-G15	26524	4939	4685	4255	4009	685	676
253	Jun-21	MCL	14	G14	483024	3667	3389	3178	2965	489	424
254	Jun-21	MCL	13	G13	505467	3626	3372	2899	2697	727	675
255	Jun-21	MCL	12	G12	305904	3733	3479	3586	3353	147	126
256	Jun-21	SCCL		G	69444	4680	4460	4206	3993	474	467
257	Jun-21	Pakri Barwadih	9	G9	19848	5156	4513	4421	4128	735	386
258	Jun-21	MCL		G	3685	2860	2668	2422	2234	438	433
259	Jun-21	ECL		G13-G15	70594	5749	5437	4651	4406	1098	1031
260	Jul-21	MCL	14	G14	472577	3558	3281	3264	3005	294	276
261	Jul-21	MCL	13	G13	537895	3692	3421	3189	2937	503	484
262	Jul-21	MCL	12	G12	270964	3871	3596	3758	3478	113	118
263	Jul-21	SCCL		G	72277	4342	4147	3529	3327	813	820
264	Jul-21	ECL		G13-G15	99733	5892	5573	4617	4342	1275	1231
265	Aug-21	MCL	14	G14	483346	3580	3305	3141	2908	439	397
266	Aug-21	MCL	13	G13	544745	3726	3456	3018	2816	708	640
267	Aug-21	MCL	12	G12	280600	3951	3663	3548	3306	403	356
268	Aug-21	SCCL		G	3791	3192	3077	3192	3077	0	0
269	Aug-21	ECL		G13-G15	97381	5646	5319	4496	4278	1151	1041
270	Sep-21	MCL	14	G14	583407	3372	3109	3114	2896	258	213
271	Sep-21	MCL	13	G13	379447	3663	3398	2904	2701	759	697
272	Sep-21	MCL	12	G12	326881	3978	3688	3714	3448	264	240
273	Oct-21	MCL	14	G14	709566	3633	3356	3262	3058	371	298
274	Oct-21	MCL	13	G13	331799	3206	3004	2576	2411	630	594
275	Oct-21	MCL	12	G12	338178	3922	3674	3667	3451	255	223
276	Nov-21	MCL	14	G14	687419	3434	3212	2993	2824	441	388
277	Nov-21	MCL	13	G13	330926	3311	3099	2681	2505	629	594
278	Nov-21	MCL	12	G12	287969	3772	3528	3385	3182	386	346
279	Nov-21	MCL		G	2966	4328	4127	4197	3923	131	204
280	Nov-21	MCL IB Valley		G	7374	3566	3324	2517	2320	1049	1004
281	Nov-21	BCCCL		G	7694	5499	5305	2490	2255	3010	3050
282	Nov-21	ECL		G13-G15	32202	6160	5831	4772	4569	1388	1263
283	Dec-21	MCL	14	G14	725495	3626	3371	3363	3153	264	218
284	Dec-21	MCL	13	G13	325616	3353	3187	2811	2638	542	549

285	Dec-21	MCL	12	G12	355119	4004	3802	3430	3223	575	579
286	Dec-21	MCL	14	G14	95979	3877	3667	3436	3199	441	469
287	Dec-21	MCL IB Valley	14	G14	3661	3224	3015	3280	3091	-56	-76
288	Dec-21	ECL	14	G13-G15	28636	6132	5776	4684	4492	1449	1285
289	Jan-22	MCL	14	G14	757431	3507	3258	3519	3279	-12	-21
290	Jan-22	MCL	13	G13	320075	3391	3192	3291	3071	100	121
291	Jan-22	MCL	12	G12	370989	3976	3715	3707	3436	269	279
292	Jan-22	MCL		G	64869	4123	3817	3247	3019	876	797
293	Jan-22	ECL		G13-G15	7448	5890	5538	5148	4798	742	741
294	Feb-22	MCL	14	G14	675174	3717	3470	3708	3482	10	-13
295	Feb-22	MCL	13	G13	378405	3603	3417	3493	3270	110	147
296	Feb-22	MCL	12	G12	332750	3990	3761	3932	3674	58	87
297	Feb-22	ECL	14	G13-G15	22180	5964	5705	5503	5222	462	483
298	Mar-22	MCL	14	G14	666515	4207	3944	3786	3549	420	395
299	Mar-22	MCL	13	G13	431957	3848	3629	3571	3334	277	295
300	Mar-22	MCL	12	G12	309188	4100	3862	3950	3676	150	187

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: NTPC Bongaigaon STPS

Name of Company: NTPC

Sampling methodology adopted for station : :As per tripartite/ bilateral agreement with CIMFR

Sampling standards(BIS) followed : :As per tripartite/ bilateral agreement with CIMFR

Date of Fuel Supply Agreement : NECL (U#1 & 2)-08.08.13, ECL (U# 3)-17.07.13, ECL (U# 1& 2)-17.05.19, CCL (U# 1 & 2)-15.09.21

Annual Contracted Quantity (as per FSA): 25.71 LMT

Mode of tra Rail/Road

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
	Mar-2019	ECL	G04 to G08	67169	4788	4519	4287	4149	502	370
		NTPC(PAKRI)	G09	26829	5044	4740	4710	4527	334	213
		NECL	G01 to G06	48688	6554	6020	6275	6006	279	14
2	Apr-2019	ECL	G03 to G05	13194	4748	4500	3738	3676	1010	824
		NTPC(PAKRI)	G09	53874	4789	4525	4529	4309	260	216
		NECL	G02 to G06	37820	6453	5858	5839	5613	614	245
3	May-2019	ECL	G03 to G06	59058	4658	4412	3943	3770	715	642
		NTPC(PAKRI)	G09	64111	4921	4661	4512	4300	409	361
		NECL	G02 to G06	22589	6131	5521	5416	5031	715	490
4	Jun-2019	ECL	G03 to G06	90530	4996	4722	4034	3706	962	1016
		NTPC(PAKRI)	G09	53693	4847	4584	4525	4254	322	330
		NECL	G01 to G06	19035	6627	6006	6424	6004	203	2
5	Jul-2019	ECL	G04 to G06	41135	4764	4511	4121	3869	643	642
		NTPC(PAKRI)	G09	58079	4491	4104	4287	3942	204	162
		NECL	G02 to G06	11570	6026	5275	6024	5459	2	-184
6	Aug-2019	ECL	G03 to G04	3785	5877	5315	6056	5490	-179	-175
		NTPC(PAKRI)	G09	50209	5205	4837	4377	4073	828	764
		NECL	G02 to G06	10770	6329	5759	6216	5753	113	6
7	Sep-2019	ECL	G04 to G05	3498	4818	4635	4868	4644	-50	-9
		NTPC(PAKRI)	G09	27053	4919	4636	4730	4389	189	247
		NECL	G02 to G06	30811	6602	5975	6406	5952	196	23
8	Oct-2019	ECL	G05	11405	3874	3560	3311	3229	563	331
		NTPC(PAKRI)	G09	19388	5176	4666	4436	3992	740	674
		NECL	G02 to G06	30847	6474	6009	6001	5740	473	269
9	Nov-2019	NECL	G02 & G06	30611	6118	5654	5538	5309	580	345
10	Dec-2019	ECL	G04 & G06	17784	4743	4439	4267	3994	476	445
		NECL	G02 & G06	15309	6281	5906	5379	5195	902	711
		NCL	G10	7805	4374	4015	4110	3946	264	69
11	Jan-2020	NECL	G02 & G06	45936	6525	6147	6255	6037	270	110
		NCL	G10	93682	4481	4076	3640	3285	841	791
		ECL	G04 & G06	80316	5041	4740	4614	4358	427	382
12	Feb-2020	NECL	G02 & G06	61213	6756	6305	6308	6070	448	235
		NCL	G10	76410	4794	4340	3348	3098	1447	1241
		ECL	G03 & G07	146358	4754	4479	4943	4698	-189	-219
13	Mar-2020	NECL	G02 & G06	52521	6198	5725	6159	5955	39	-230
		ECL	G03 to G06	106623	5648	5334	5181	4939	467	395
		NTPC(PAKRI)	G09	7800	4934	4608	4831	4389	103	219
14	Apr-2020	NECL	G02 & G06	26831	6366	5839	6431	6198	-65	-359
		ECL	G03 to G05	89754	5925	5608	5309	4945	616	663
		NECL	G02 & G06	3996	5574	5237	5798	5689	-224	-452
15	May-2020	ECL	G03 to G06	116566	5600	5268	5134	4682	466	586
		NECL	G06	3985	6728	6114	5338	5058	1390	1056

17	Jul-2020	ECL	G03 to G06	118758	5731	5377	4995	4546	736	831
18	Aug-2020	ECL	G04 to G06	46203	5734	5372	5329	4990	405	382
		NTPC(PAKRI)	G09	19321	5080	4725	4709	4365	371	360
19	Sep-2020	ECL	G03 to G06	45232	4652	4287	4827	4422	-175	-135
20	Oct-2020	ECL	G03 to G06	84917	5571	5238	5060	4721	511	517
		NTPC(PAKRI)	G09	23254	4351	4066	4841	4490	-490	-424
21	Nov-2020	ECL	G04 & G05	73956	5487	5144	5065	4785	422	359
		NTPC(PAKRI)	G09	19272	4626	4346	4653	4340	-27	6
22	Dec-2020	ECL	G05	3967	5498	5237	5826	5385	-328	-148
		NTPC(PAKRI)	G09	112044	4658	4395	4859	4503	-201	-108
23	Jan-2021	NTPC(PAKRI)	G09	88760	4636	4392	4338	4096	298	296
24	Feb-2021	NTPC(PAKRI)	G09	92861	4822	4622	4542	4296	280	326
25	Mar-2021	CCL	G06 & G11 & W-IV	26991	4438	4272	3973	3757	465	515
		ECL	G04 & G06	7080	5368	5080	5052	4797	316	283
		NTPC(PAKRI)	G09	161863	4755	4600	4582	4311	173	289
26	Apr-2021	CCL	G06 & W-IV	7927	4731	4561	4258	3992	473	569
		ECL	G03 to G06	64777	5885	5698	5457	5235	428	463
		NTPC(PAKRI)	G09	127196	4562	4403	4499	4253	63	150
27	May-2021	ECL	G04 to G06	46299	5360	4935	4408	4099	952	836
		NTPC(PAKRI)	G09	127732	4913	4731	4517	4163	396	568
28	Jun-2021	CCL	G11	3910	3560	3355	2855	2727	705	628
		ECL	G03 to G06	63521	5793	5489	4850	4515	943	974
		NTPC(PAKRI)	G09	119692	4843	4576	4520	4181	323	395
29	Jul-2021	CCL	G06 & W-IV	3634	4671	4327	4936	4589	-265	-262
		ECL	G03 to G07	53107	5320	4999	4796	4456	524	543
		NTPC(PAKRI)	G09	92270	4772	4504	4695	4353	77	151
30	Aug-2021	CCL	G06 to G12 & W-V	15412	4596	4373	4068	3637	528	736
		ECL	G04 to G07	53442	5276	4968	4566	4196	710	772
		NTPC(PAKRI)	G09	96618	4524	4274	4414	4024	110	250
31	Sep-2021	CCL	G06 to G08	11762	5382	5040	5072	4673	310	367
		ECL	G03 to G08	88097	5770	5451	5140	4779	630	672
		NTPC(PAKRI)	G09	88756	4790	4496	4486	4099	304	397
32	Oct-2021	CCL	G06 to G12	70451	4465	4171	4132	3763	333	408
		ECL	G03 to G06	92546	5671	5365	4879	4542	792	823
		NTPC(PAKRI)	G09	69609	5065	4811	4263	3950	802	861
		BCCL	W-V	7618	4982	4725	4604	4067	378	658
33	Nov-2021	CCL	G06 to G12 & W-IV	56268	4987	4730	4561	4325	426	405
		ECL	G04 to G07	19046	4694	4467	4061	3848	633	619
		NTPC(PAKRI)	G09	165580	4856	4639	4333	4052	523	587
		BCCL	W-IV&V	7732	4784	4721	3339	3221	1445	1500
34	Dec-2021	CCL	G06 to G12 & W-IV	58203	5042	4840	4522	4246	520	594
		NTPC(PAKRI)	G09	141326	4595	4353	4502	4185	93	168
35	Jan-2022	CCL	G06 to G12 & W-IV	27177	4465	4207	4369	4031	96	176
		ECL	G04 & G05	34517	5483	5138	4864	4527	619	611
		NTPC(PAKRI)	G09	96413	4618	4323	4622	4311	-4	12
36	Feb-2022	CCL	G07 to G13	54704	4966	4751	4536	4212	430	539
		ECL	G03 to G08	112843	5171	4890	4448	4099	723	791
		NTPC(PAKRI)	G09	30904	4292	4024	4417	4138	-125	-114
37	Mar-2022	CCL	G07 to G13 & W-IV	54827	4490	4323	3667	3493	823	830
		ECL	G03 to G08	156058	4858	4574	4070	3818	788	756
		NTPC(PAKRI)	G09	65985	4206	3997	4322	4104	-116	-107

DETAILS OF COAL QUALITY (GCV) MEASURED AT LOADING END AND UNLOADING END ON EM AND TM BASIS DURING LAST FIVE YEARS DECLARED GRADE OF MINE AND DIFFERENCE IN GCV BETWEEN LOADING END AND UNLOADING END

Name of Generating Station: **NTPC DARLIPALI**

Name of Company: **NTPC Ltd.**

Sampling methodology adopted for station : **:As per tripartite/ bilateral agreement with CIMFR**

Sampling standards(BIS) followed : **:As per tripartite/ bilateral agreement with CIMFR**

Date of Fuel Supply Agreement : **Dulanga: Linked Mine; MCL - Bridge Linakga MOU - 24.08.2019 , NLC Talabira: COAL SUPPLY MOU dtd- 31.12.2021**

Annual Contracted Quantity (as per FSA): **Dulanga : 7MMT, MCL: 2020-21 : 2.06 MMT; 2021-22: 0.104 MMT; NLC Talabira: 1.6 MMT for all NTPC Plants.**

Mode of tra **MGR/TRUCK**

SR No.	MONTH WISE	SOURCE OF COAL	DECLARED GRADE	QUANTITY (MT)	GCV MEASURED AT LOADING END		GCV MEASURED AT UNLOADING END		DIFFERENCE (Kcal/Kg)	
					EM Basis	TM BASIS	EM Basis	TM BASIS	EM Basis	TM BASIS
1	Mar-20	DULANGA	G-13	123199	3321	3151	3388	3169	-67	-18
2	Apr-20	DULANGA	G-13	289249	3466	3278	3463	3299	3	-21
3	May-20	DULANGA	G-13	296700	3276	3115	3380	3177	-104	-62
4	Jun-20	DULANGA	G-13	177803	3429	3220	3382	3145	47	75
5	Jul-20	DULANGA	G-13	10349	3435	3200	3374	2985	61	215
6	Aug-20	DULANGA	G-13	85863	3444	3203	3321	2982	123	221
7	Sep-20	DULANGA	G-13	187994	3378	3150	3279	2970	99	180
9	Oct-20	DULANGA	G-13	370471	3338	3151	3265	2953	73	198
11	Nov-20	DULANGA	G-13	362347	3381	3175	3283	3006	98	169
12	Nov-20	MCL	G-14	47897	3515	3258	3529	3224	-14	34
13	Dec-20	DULANGA	G-13	385812	3450	3250	3236	2991	214	259
14	Dec-20	MCL	G-14	18424	3593	3306	3620	3287	-27	19
15	Jan-21	DULANGA	G-13	357130	3506	3091	3231	3022	275	69
16	Jan-21	MCL	G-14	90071	3502	3242	3378	3112	124	130
17	Feb-21	DULANGA	G-13	282160	3336	3161	3338	3126	-2	35
18	Feb-21	MCL	G-14	80160	3610	3332	3424	3161	186	171
19	Mar-21	DULANGA	G-13	342425	3178	3207	3274	3059	-96	148
20	Mar-21	MCL	G-14	82428	3632	3361	3483	3239	149	122
21	Apr-21	DULANGA	G-13	317195	3367	3205	3222	3065	145	140
22	Apr-21	MCL	G-14	30858	3600	3345	3538	3328	62	17
23	May-21	DULANGA	G-13	259286	3376	3181	3156	2926	220	255
24	May-21	MCL	G-14	35056	3298	3063	3311	3069	-13	-6
25	Jun-21	DULANGA	G-13	319028	3232	3019	3136	2891	96	128
26	Jun-21	MCL	G-14	63866	3417	3153	3284	2999	133	154
27	Jul-21	DULANGA	G-13	445239	3319	3128	3199	2969	120	159
28	Jul-21	MCL	G-14	100673	3497	3234	3364	3105	133	129
29	Aug-21	DULANGA	G-13	335394	3348	3131	3290	3023	58	108
30	Aug-21	MCL	G-14	84925	3340	3048	3250	2964	90	84
31	Sep-21	DULANGA	G-13	412308	3299	3076	3102	2881	197	195
32	Sep-21	MCL	G-14	78091	3397	3096	3261	2982	136	114
33	Oct-21	DULANGA	G-13	558901	3278	3087	3532	3361	-254	-274
34	Oct-21	MCL	G-14	88055	3415	3124	3327	3085	88	39
36	Nov-21	DULANGA	G-13	556370	3232	3039	3228	3041	4	-2
37	Nov-21	MCL	G-14	25644	3515	3207	3317	3096	198	111
39	Dec-21	DULANGA	G-13	381848	3160	2939	3030	2804	130	135
40	Dec-21	MCL	G-14	19381	3696	3381	3508	3234	188	147
42	Jan-22	DULANGA	G-13	487298	3252	3007	3141	2890	111	117
43	Jan-22	MCL	G-14	20763	3543	3212	3364	3105	179	107
45	Feb-22	DULANGA	G-13	505906	3236	3032	3140	2897	96	135
46	Feb-22	MCL	G-14	25863	3713	3429	3398	3136	315	293
48	Mar-22	DULANGA	G-13	634665	3270	3082	3266	3052	4	30
49	Mar-22	MCL	G-14	20245	3712	3445	3569	3313	143	132