

CENTRAL ELECTRICITY REGULATORY COMMISSION
3rd & 4th floor, Chanderlok Building, 36-Janpath,
New Delhi-110001

No. Engg/Tr.Pricing/Validation/L-1/44/2013/CERC

Dated: 28/02/2014

To

Members of the Validation Committee
& Generating Companies
(as per list enclosed)

**Subject: 1st Meeting of Validation Committee for 1st quarter of the year 2014 – 2015
(April to June, 2014) for implementation of CERC (Sharing of Inter-State
Transmission Charges and Losses), 2010- Meeting Notice.**

Sir,

The 1st meeting of the Validation Committee to finalize the basic network data and Load Generation balance for the 1st quarter of 2014-15 (April to June, 2014) will be held on 7th March, 2014 at 3:00 p.m. in NLDC Conference Room. All the members of the Validation Committee and Generating Companies are requested to attend the meeting through video conferencing from respective RLDCs.

RPCs and RLDCs are requested to host this meeting notice on their web site and also to coordinate with the representatives of all State Transmission Utilities and Generating Companies to facilitate them to attend the meeting through video conferencing facility available at the RLDCs.

Load Generation balance data for Q1 2014-15 is available at CERC/NLDC website

The Meeting will be preceded by Lunch.

Encl: As above

Sd/-

(Vijay Menghani)
Joint Chief (Engg.)

Validation Committee Members

Sl. No.	Name of the Organizations	Name of the nominated persons	Address
1.	CERC	Shri A K Saxena, Chief (Engg.)/alternate member Shri Vijay Menghani, Joint Chief (Engg.)	Central Electricity Regulatory Commission, 3 rd & 4 th Floor, Chanderlok Building, 36-Janpath, New Delhi -110001
2.		Shri P.K. Awasthi, Joint Chief (Fin.)	Central Electricity Regulatory Commission 3 rd & 4 th Floor, Chanderlok Building, 36-Janpath, New Delhi -110001
3.	CEA	Shri Ravinder Gupta Director, SP&PA Division	Central Electricity Authority 3 rd Floor, N-Wing Sewa Bhawan, R.K. Puram, New Delhi - 110 066
4.		Director, GM Division	Central Electricity Authority 6 th Floor, N-Wing Sewa Bhawan , R.K.Puram, New Delhi-110066
5.	CTU/ Powergrid	Shri N.K.Jain, GM (Comm.)/ alternate member Shri Prashant Sharma, GM (Comm.)	Power Grid Corporation of India Ltd Plot No. 2, Sector-29, Near IFFCO Chowk, Gurgaon-122001
6.		Shri Dilip Rozekar, DGM (SEF)/ alternate member Shri RVMM Rao, Chief. Design Engineer (SEF)	Power Grid Corporation of India Ltd Plot No. 2, Sector-29, Near IFFCO Chowk, Gurgaon-122001
7.	POSOCO	Shri P. Mukhopadhyay General Manager	Northern Regional Load Despatch Centre,et Singh Marg, Katwaria Sarai, New Delhi-110016
8.		Shri P.R. Raghuram, Executive Director	Southern Regional Load Despatch Centre 29, Race Course Cross Road, Bangalore, Karnataka-560009
9.		Shri V.K. Agarwal, Executive Director	National Load Despatch Centre 18-A Shaheed Jeet Singh, Marg,Katwaria Sarai, New Delhi-110016
10.		Shri U.K. Verma, General Manager	Eastern Regional Load Despatch Center 14, Golf Club Road, Tollygunge, Kolkata-700 033 (W.B.)
11.	NRPC	P.S. Mhaske Member Secretary (I/C)	Northern Regional Power Committee 18-A Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi-11
12.	WRPC	Shri S.D. Taksande, Member Secretary (I/C)	Western Regional Power Committee Plot No. F-3, MIDC Area, Marol, Opp : SEEPZ, Andheri (East),

			Mumbai-400093
13.	SRPC	Shri S.R. Bhat, Member Secretary(I/C)	Southern Regional Power Committee 29, Race Course Cross Road, Bangalore-560009, Karnataka
14.	ERPC	Shri A.K. Bandyopadhyay, Member Secretary (I/C)	Eastern Regional Power Committee 14, Golf Club Road, Tollygunge, Kolkata-700 033 (W.B.)
15.		Shri S.K.Das, Director Engineering	Bihar State Electricity Board 1 st Floor, Vidyut Bhawan, Bailey Road, Patna-21, Bihar
16.	NERPC	Shri S.K. Mahapatra Member Secretary (I/C)	North Eastern Regional Power Committee Meghalaya State Housing Finance Co-Operative Society Ltd.BLDG., Nongrim Hills, Shillong-793003
17.		Shri Jatin Baishya, Senior Manager	State Load Despatch Centre Complex,Kahelipara,Guwahati
18.	SLDC	Shri P.A.R. Bende Chief Engineer, SLDC	Chief Engineer Madhya Pradesh Power Transmission Company Ltd., Nayagaon,Rampur, Jabalpur- 482008
19.	KPTCL	S. Pratap Kumar Director(Transmission), KPTCL	Karnataka Power Transmission Corp.Ltd., Kauvery Bhavan, K.G. Road, Bangalore – 560009
20.	UPPTCL	Shri A.K. Singh, Director(Operation) Uttar Pradesh Power Transmission Corporation Ltd.	Uttar Pradesh Power Transmission Corporation Ltd , 7th Floor, Shakti Bhavan, Ashok Marg, Lucknow - 226001

LIST OF GENERATING COMPANIES

Sl. No.	Name of the Statutory Bodies	Name of the persons and Designation	Address
1.	NTPC	Shri Inderjit Kapoor, Director (Commercial)	NTPC Bhawan, Core 7, Scope Complex, Institutional Area, Load Road, New Delhi – 110003
2.	NHPC	Shri S.K. Agarwal, Executive Director (O&M)	NHPC office Complex, Sector-33, Faridabad – 121003 (Haryana)
3.	NEEPCO	Shri N.K. Chakraborty, Executive Director	Brookland Compound, Lower New Colony, Shillong - 793003
4.	NLC	Shri Sekar K, Director (Commercial)	No.135, Periyar E.V.R. High Road, Kilpauk, Chennai - 600 010. Tamil Nadu, India.
5.	SJVN	Shri Romesh Kapoor General Manager (C&SO)	SJVN Ltd, Sharma Niwas Below BCS, New Shimla – 171009.

GENERATION FORECAST USING PAST 3 YEARS DATA (April to June)

Sl. No	Region	Energy (MU)			Generation (MW)			Projected Generation Figure for Apr 2014- Jun 2014 (MW)	ReJunks	Normative Auxillary Consumption(%)	Proposed Generation after considering Normative Auxillary Consumption for Apr 2014- Jun 2014 (Excluding New Generation) (MW)	Figure as per Comments from DICs	
		Apr 2011-Jun 2011 (MU)	Apr 2012-Jun 2012 (MU)	Apr 2013-Jun 2013 (MU)	Apr 2011-Jun 2011 (MW)	Apr 2012-Jun 2012 (MW)	Apr 2013-Jun 2013 (MW)						
1	UP	NR	7968	10391	12358	3639	4745	5643	5643	Last Year Figure	7.52	5219	
2	Delhi	NR	2490	2773	2641	1137	1266	1206	1203	Average of Last 3 years	5.69	1135	
3	Haryana	NR	4774	4936	4716	2180	2254	2153	2196	Average of Last 3 years	7.61	2029	
4	Uttarakhand	NR	1467	1327	1205	670	606	550	609	Average of Last 3 years	1.00	603	
5	Punjab	NR	5606	5715	4983	2560	2610	2275	2482	Average of Last 3 years	6.87	2311	
6	Rajasthan	NR	6596	7442	8101	3012	3398	3699	3699	Last Year Figure	7.72	3413	
7	Himachal Pradesh	NR	1053	814	1027	481	372	469	441	Average of Last 3 years	1.00	436	
8	Jammu & Kashmir	NR	1137	1236	1198	519	564	547	543	Average of Last 3 years	1.00	538	
9	BBMB	NR	3056	2805	2980	1395	1281	1361	1346	Average of Last 3 years	1.00	1332	
10	Chandigarh	NR				0	0	0					
11	Railways	NR				0	0	0					
12	Dadri Thermal	NR	3718	3339	3261	1698	1525	1489	1570	Average of Last 3 years	7.15	1458	
13	Rihand	NR	4332	4130	4771	1978	1886	2178	2178	Last Year Figure	7.50	2015	
14	Singrauli	NR	3684	3712	3819	1682	1695	1744	1744	Last Year Figure	7.25	1617	
15	Unchahar	NR	1953	2185	1854	892	998	847	912	Average of Last 3 years	9.00	830	
16	Auraiya	NR	872	888	493	398	406	225	343	Average of Last 3 years	3.00	333	
17	Dadri CCPP	NR	1299	1377	789	593	629	360	527	Average of Last 3 years	3.00	511	
18	NAPS	NR	478	593	668	218	271	305	305	Last Year Figure	11.75	269	
19	Jhajjar	NR	387	1307	1184	177	597	540	540	Last Year Figure	6.00	508	
20	DHAULIGANGA	NR	330	307	282	151	140	129	140	Average of Last 3 years	1.20	138	
21	Tanakpur	NR	117	103	98	53	47	45	48	Average of Last 3 years	1.00	48	
22	Koteshwar	NR	36	271	381	17	124	174	174	Last Year Figure	1.00	172	
23	Tehri	NR	933	549	857	426	251	391	356	Average of Last 3 years	1.20	352	
24	Anta	NR	611	641	408	279	293	186	253	Average of Last 3 years	3.00	245	
25	RAAP A,B,C	NR	2015	1987	2317	920	907	1058	962	Average of Last 3 years	11.75	849	
26	AD Hydro	NR	182	203	260	83	93	119	119	Last Year Figure	1.00	118	
27	Everest	NR	0	70	108	0	32	49	49	Last Year Figure	1.00	49	

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		Apr 2011-Jun 2011 (MU)	Apr 2012-Jun 2012 (MU)	Apr 2013-Jun 2013 (MU)	Apr 2011-Jun 2011 (MW)	Apr 2012-Jun 2012 (MW)	Apr 2013-Jun 2013 (MW)						
28	Karcham Wangtoo	NR	288	1267	1568	131	578	716	716	Last Year Figure	1.00	709	
29	Bairasul	NR	292	303	229	133	138	105	125	Average of Last 3 years	0.70	125	
30	Chamera 1	NR	1019	860	832	465	393	380	413	Average of Last 3 years	1.20	408	
31	Chamera 2	NR	559	502	514	255	229	235	240	Average of Last 3 years	1.20	237	
32	Chamera 3	NR	0	64	341	0	29	156	156	Last Year Figure	1.20	154	
33	Naptha Jhakri	NR	2651	2092	2330	1210	955	1064	1076	Average of Last 3 years	1.20	1063	
34	Lanco Budhil	NR	0	27	73	0	13	33	33	Last Year Figure	1.00	33	
35	DULHASTI	NR	746	742	680	341	339	311	330	Average of Last 3 years	1.20	326	
36	Salal	NR	1131	1112	1065	516	508	486	503	Average of Last 3 years	1.00	498	
37	Sewa-II	NR	209	178	173	95	82	79	85	Average of Last 3 years	1.00	84	
38	URI 1 HPS	NR	1018	1053	1040	465	481	475	474	Average of Last 3 years	1.20	468	
39	Sree Cement	NR							240	Not monitored by CEA; 80% PLF	8.50	220	
40	West Bengal	ER	9061	9429	8647	4137	4306	3948	4130	Average of Last 3 years	7.76	3810	
41	Odisha	ER	3356	2463	3877	1532	1125	1770	1476	Average of Last 3 years	4.50	1409	
42	Bihar	ER	126	0	0	57	0	0	19	Average of Last 3 years	8.00	18	
43	Jharkhand	ER	635	872		290	398	0	0	Last Year Figure	8.00	0	
44	Sikkim	ER	0	0	47	0	0	22			1.00	0	
45	DVC	ER	4132	6022	7251	1887	2750	3311	3311	Last Year Figure	7.98	3047	
46	MPL	ER	0	514	1719	0	235	785	785	Last Year Figure	6.50	734	
47	Sterlite	ER	1299	2189	2858	593	1000	1305	1305	Last Year Figure	6.50	1220	
48	Teesta	ER	732	785	815	334	358	372	355	Average of Last 3 years	1.20	351	
49	Kahalgaon	ER	3299	3916	3213	1506	1788	1467	1587	Average of Last 3 years	7.40	1470	
50	Farakka	ER	2365	3260	2948	1080	1489	1346	1305	Average of Last 3 years	6.94	1215	
51	Talcher	ER	1981	2026	1587	904	925	725	851	Average of Last 3 years	6.50	796	
52	Rangeet	ER	80	75	93	36	34	42	38	Average of Last 3 years	1.00	37	

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		Apr 2011- Jun 2011 (MU)	Apr 2012- Jun 2012 (MU)	Apr 2013- Jun 2013 (MU)	Apr 2011- Jun 2011 (MW)	Apr 2012- Jun 2012 (MW)	Apr 2013- Jun 2013 (MW)						
53	Bhutan	ER	1032	943	1432	471	430	654	519	Average of Last 3 years	1.00	513	
54	MP	WR	5063	5865	6161	2312	2678	2813	2813	Last Year Figure	6.13	2641	
55	Maharashtra	WR	18988	20513	20102	8670	9367	9179	9072	Average of Last 3 years	7.15	8423	
56	Chattisgarh	WR	3234	3570	3394	1477	1630	1550	1552	Average of Last 3 years	7.88	1430	
57	Gujarat	WR	16933	17005	16873	7732	7765	7705	7734	Average of Last 3 years	7.27	7172	
58	Goa	WR	75	69	61	34	32	28	31	Average of Last 3 years	3.00	30	
59	D&D	WR											
60	DNH	WR											
61	Vindhyachal	WR	6581	6577	7204	3005	3003	3290	3290	Last Year Figure	7.47	3044	
62	Ratnagiri Dabhol	WR	3130	2274	1244	1429	1038	568	1012	Average of Last 3 years	3.00	982	
63	TAPS (1,2,3,4)	WR	2426	2780	1717	1108	1270	784	1054	Average of Last 3 years	9.00	959	
64	JINDAL	WR	2166	2156	2184	989	984	997	990	Average of Last 3 years	9.00	901	
65	LANCO	WR	947	867	563	433	396	257	362	Average of Last 3 years	9.00	329	
66	NSPCL Bhilai	WR	979	1110	845	447	507	386	447	Average of Last 3 years	9.00	406	
67	Korba	WR	4685	4591	4919	2139	2096	2246	2160	Average of Last 3 years	7.09	2007	
68	SIPAT	WR	1975	4335	4440	902	1980	2028	2028	Last Year Figure	6.50	1896	
69	CGPL	WR	0	1288	6148	0	588	2807	2807	Last Year Figure	6.50	2625	
70	Gandhar	WR	994	991	697	454	453	318	408	Average of Last 3 years	3.00	396	
71	Kawas	WR	743	904	607	339	413	277	343	Average of Last 3 years	3.00	333	
72	KAPS	WR	942	945	903	430	431	412	422	Average of Last 2 years	8.00	388	
73	AGTPP, NEEPCO	NER	164	165	156	75	75	71	74	Average of Last 3 years	1.00	73	
74	Doyang, NEEPCO	NER	35	17	51	16	8	23	16	Average of Last 3 years	1.00	15	
75	Kopili, NEEPCO	NER	242	131	154	111	60	70	65	Average of Last 2 years	1.00	64	
76	Khandong, NEEPCO	NER	90	55	81	41	25	37	34	Average of Last 3 years	1.00	34	
77	Ranganadi, NEEPCO	NER	221	333	274	101	152	125	126	Average of Last 3 years	1.00	125	
78	Kathalguri	NER	476	408	444	217	186	203	202	Average of Last 3 years	3.00	196	
79	Loktak, NHPC	NER	52	74	125	24	34	57	38	Average of Last 3 years	1.00	38	
80	Arunachal Pradesh	NER	0	0	0	0	0	0			0.00	0	
81	Assam	NER	465	404	497	212	185	227	208	Average of Last 3 years	6.31	195	
82	Manipur	NER	0	0	0	0	0	0			0.00	0	
83	Meghalaya	NER	98	136	210	45	62	96	96	Last Year Figure	1.00	95	
84	Nagaland	NER	11	12	21	5	6	9	9	Last Year Figure	1.00	9	

Sl. No	Region	Energy (MU)			Generation (MW)			Projected Generation Figure for Apr 2014- Jun 2014 (MW)	ReJunks	Normative Auxillary Consumption(%)	Proposed Generation after considering Normative Auxillary Consumption for Apr 2014- Jun 2014 (Excluding New Generation) (MW)	Figure as per Comments from DICs	
		Apr 2011- Jun 2011 (MU)	Apr 2012- Jun 2012 (MU)	Apr 2013- Jun 2013 (MU)	Apr 2011- Jun 2011 (MW)	Apr 2012- Jun 2012 (MW)	Apr 2013- Jun 2013 (MW)						
85	Tripura	NER	195	177	160	89	81	73	81	Average of Last 3 years	3.00	79	
86	Mizoram	NER	0	4	7	0	2	3	3	Last Year Figure	1.00	3	
87	Andhra Pradesh	SR	16000	16213	14626	7306	7403	6678	7129	Average of Last 3 years	6.85	6641	
88	Karnataka	SR	9125	9551	9953	4166	4361	4545	4545	Last Year Figure	6.58	4246	
89	Kerala	SR	2621	1855	1624	1197	847	742	929	Average of Last 3 years	1.99	910	
90	Tamil Nadu	SR	9290	8635	10297	4242	3943	4702	4296	Average of Last 3 years	7.01	3995	3920
91	Pondy	SR	63	66	64	29	30	29	29	Average of Last 3 years	3.00	29	
92	Ramagundam	SR	5193	5385	5195	2371	2459	2372	2401	Average of Last 3 years	7.07	2231	
93	Simhadri	SR	740	990	1293	338	452	590	590	Last Year Figure	6.50	552	
94	SEPL	SR	0	239	519		109	237	237	Last Year Figure	8.00	218	
95	Lanco Kondapalli	SR	617	296	0	282	135	0	0	Last Year Figure	3.00	0	
96	Kaiga	SR	1425	1441	1688	651	658	771	771	Last Year Figure	10.50	690	
97	NEYVELI (EXT) TPS	SR	814	882	921	372	403	421	398	Average of Last 3 years	9.50	360	
98	NEYVELI TPS-II	SR	3048	2983	3010	1392	1362	1374	1376	Average of Last 3 years	10.00	1239	
99	NEYVELI TPS-II EXP	SR	0	0	0	0	0	0	0	Last Year Figure	10.00		
100	MAPS	SR	604	665	368	276	304	168	249	Average of Last 3 years	10.50	223	
101	Talcher STAGE II	SR	3961	4053	3174	1809	1850	1449	1703	Average of Last 3 years	6.50	1592	
102	Vallur	SR						0	0	Last Year Figure	6.50	0	
103	TNWIND	SR										1940	
104	KA-WIND	SR										300	

Note:

- Projections are based on the past monthly energy generation data available on the website of CEA
- Generation forecast has been done based on the following criteria
 - If there is an increasing trend then last year average generation has been considered
 - Otherwise average of past three year average generation has been considered
- It is assumed that the energy generation figure available on the website of CEA is gross and Normative Auxillary Consumption has been reduced from it.
- Normative Auxillary Consumption of state considered based on the hydro thermal mix (1% Hydro, 3% Gas and 8% Thermal)
- In case of new generators where past data was not available following has been assumed
 - 0.4 plf for hydro generators
 - 0.7 plf for thermal generators.
 - 0.3 plf for gas stations
- CEA Reports can be accessed from following links

http://cea.nic.in/reports/monthly/generation_rep/actual/jun11/opm_16.pdf

http://cea.nic.in/reports/monthly/generation_rep/actual/jun12/opm_16.pdf

http://cea.nic.in/reports/monthly/generation_rep/actual/jun13/opm_16.pdf

DEMAND FORECAST USING PAST 3 YEARS DATA (April 2014 - June 2014)

	Energy (MU)				Demand (MW)				Figure as per comment
	1	2	3	4	1	2	3	4	
	Apr 2011- Jun2011	Apr 2012- Jun2012	Apr 2013- Jun2013	Projected Demand for (April 2014 to June 2014)	Apr 2011- Jun2011	Apr 2012- Jun2012	Apr 2013- Jun2013	Projected Demand for (April 2014 to June 2014)	
Chandigarh	448	486	446	458	205	222	204	209	
Delhi	7,524	7,658	7,527	7,573	3,436	3,497	3,437	3,458	
Haryana	8,150	9,523	10,942	12,330	3,721	4,348	4,996	5,630	
Himachal Pradesh	2,003	2,216	2,358	2,547	915	1,012	1,077	1,163	
Jammu & Kashmir	2,543	2,723	2,798	2,943	1,161	1,243	1,278	1,344	
Punjab	11,197	11,652	12,871	13,581	5,113	5,321	5,877	6,201	
Rajasthan	11,968	12,356	13,805	14,547	5,465	5,642	6,304	6,642	
Uttar Pradesh	17,484	20,462	20,770	22,858	7,984	9,343	9,484	10,437	
Uttarakhand	2,530	2,756	2,903	3,103	1,155	1,258	1,326	1,417	
Northern Region	63,847	69,832	74,420	79,939	29,154	31,887	33,982	36,502	
Chattisgarh	3,258	4,158	4,880	5,721	1,488	1,899	2,228	2,612	
Gujarat	19,636	21,271	24,256	26,341	8,966	9,713	11,076	12,028	
Madhya Pradesh	9,400	9,979	11,685	12,640	4,292	4,557	5,336	5,772	
Maharashtra	29,966	31,746	32,486	33,919	13,683	14,496	14,834	15,488	
Daman & Diu	507	410	567	555	232	187	259	253	
Dadra Nagar Haveli	1,106	963	1,320	1,344	505	440	603	614	
Goa	822	735	915	917	375	336	418	419	
ESIL								500	
Western Region	64,695	69,262	76,109	81,436	29,541	31,626	34,753	37,685	
Andhra Pradesh	20,662	21,215	21,484	21,942	9,435	9,687	9,810	10,019	
Karnataka	12,795	14,497	13,809	14,714	5,842	6,620	6,305	6,719	7000
Kerala	4,781	5,174	5,108	5,348	2,183	2,363	2,332	2,442	
Tamil Nadu	19,743	18,491	22,169	22,560	9,015	8,443	10,123	10,302	10058
Pondicherry	572	597	623	648	261	273	284	296	
Southern Region	58,553	59,974	63,193	65,213	26,737	27,385	28,855	29,778	
Bihar	2,319	3,246	3,419	4,095	1,059	1,482	1,561	1,870	
DVC	3,778	3,987	4,271	4,505	1,725	1,821	1,950	2,057	
Jharkhand	1,386	1,616	1,695	1,875	633	738	774	856	
Odisha	5,632	6,067	6,298	6,665	2,572	2,770	2,876	3,043	
West Bengal	9,735	11,160	11,331	12,338	4,445	5,096	5,174	5,634	
Sikkim	86	99	96	104	39	45	44	47	
Bhutan									
Eastern Region	22,936	26,175	27,110	29,581	10,473	11,952	12,379	13,507	
Arunachal Pradesh	119	133	120	125	54	61	55	57	
Assam	1,392	1,411	1,624	1,708	636	644	742	780	
Manipur	116	103	124	122	53	47	57	56	
Meghalaya	341	340	363	370	156	155	166	169	
Mizoram	86	84	100	104	39	38	46	47	
Nagaland	125	115	130	128	57	53	59	59	
Tripura	214	240	270	297	98	110	123	136	
N. Eastern Region	2,393	2,426	2,731	2,855	1,093	1,108	1,247	1,304	
All India	2,12,424	2,27,669	2,43,563	2,59,024	96,997	1,03,958	1,11,216	1,18,776	

Notes

1. Projections are based on the past monthly energy consumption data available on the website of CEA
2. The above projections are being done for financial year 2014-2015 (Q1) i.e April 2014 to June 2014
3. Projections are being done based on the forecast function available in MS Office Excel
4. CEA Reports can be accessed from the following links:
http://cea.nic.in/archives/god/energy_supply/jun11.pdf
http://cea.nic.in/reports/monthly/gm_div_rep/power_supply_position_rep/energy/Energy_2012_06.pdf
http://cea.nic.in/reports/monthly/gm_div_rep/power_supply_position_rep/energy/Energy_2013_06.pdf

Generation Figures for Q1 (2014-15) case																	
				Generation from 1st July'13 to 15th February'14					Expected Generation Likely to be declared Commercial from 16th February'14 to 31st March'14								
Sl. No.	Entities	Region	Projections based on 3 Years Data	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	TOTAL	Comments From DICS /Others (if any)	Figure as per Comments	To be Considered in the Basecase
			(MW)			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)	(MW)			(MW)
1	UP	NR	5219	Harduaganj	8	250	161	1320						6539			6539
				Harduaganj	9	250	161										
				Paricha	5	250	161										
				Paricha	6	250	161										
				Rosa-II TPS	1	300	193										
				Rosa-II TPS	2	300	193										
				Bajaj		450	290										
2	Delhi	NR	1135											1135			1135
3	Haryana	NR	2029											2029			2029
4	Uttarakhand	NR	603	Bhilangana	1	8	3	10						612			612
				Bhilangana	2	8	3										
				Bhilangana	3	8	3										
5	Punjab	NR	2311						Rajpura TPP	1	700	458	458	2769			2769
6	Rajasthan	NR	3413	Rajwest	5	135	87	1334						4794			4794
				Rajwest	6	135	87		Ramgarh GT	1	160	47	47				
				Rajwest	7	135	87										
				Rajwest	8	135	87										
				Chhabra-II	1	250	161										
				Kawai	2	660	432										
				Kalisindh	1	600	393										
7	Himachal Pradesh	NR	436											436			436
8	Jammu & Kashmir	NR	538											538			538
9	BBMB	NR	1332											1332			1332
10	Chandigarh	NR	0											0			0
11	Railways	NR	0											0			0
12	Dadri Thermal	NR	1458											1458			1458
13	Rihand	NR	2015											2015			2015
14	Singrauli	NR	1617											1617			1617
15	Unchahar	NR	830											830			830
16	Auraiya	NR	333											333			333
17	Dadri CCPP	NR	511											511			511
18	NAPS	NR	269											269			269
19	Jhajjar	NR	508											508			508

Generation Figures for Q1 (2014-15) case

				Generation from 1st July'13 to 15th February'14					Expected Generation Likely to be declared Commercial from 16th February'14 to 31st March'14								
Sl. No.	Entities	Region	Projections based on 3 Years Data	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	TOTAL	Comments From DICs /Others (if any)	Figure as per Comments	To be Considered in the Basecase
			(MW)			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)	(MW)			(MW)
20	DHAULIGANGA	NR	138											138			138
21	Tanakpur	NR	48											48			48
22	Koteshwar	NR	172											172			172
23	Tehri	NR	352											352			352
24	Anta	NR	245											245			245
25	RAAP A,B,C	NR	849											849			849
26	AD Hydro	NR	118											118			118
27	Everest	NR	49											49			49
28	Karcham Wangtoo	NR	709											709			709
29	Bairasul	NR	125											125			125
30	Chamera 1	NR	408											408			408
31	Chamera 2	NR	237											237			237
32	Chamera 3	NR	154											154			154
33	Naptha Jhakri	NR	1063											1063			1063
34	Lanco Budhil	NR	33											33			33
35	DULHASTI	NR	326											326			326
36	Salal	NR	498											498			498
37	Sewa-II	NR	84											84			84
38	URI 1 HPS	NR	468											468			468
39	URI II HPS	NR		Uri II	1	60	24	71	Uri II	4	60	24	24	95			95
				Uri II	2	60	24										
				Uri II	3	60	24										
40	Sree Cement	NR	220											220			220
41	Parbati III	NR		Parbati III	1	130	51	51	Parbati III	1	130	51	51	103			103
42	West Bengal	ER	3810	TLDP III	1	33	13	52						3862			3862
				TLDP III	2	33	13										
				TLDP III	3	33	13										
				TLDP III	4	33	13										

Generation Figures for Q1 (2014-15) case

				Generation from 1st July'13 to 15th February'14					Expected Generation Likely to be declared Commercial from 16th February'14 to 31st March'14									
Sl. No.	Entities	Region	Projections based on 3 Years Data	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	TOTAL	Comments From DICS /Others (if any)	Figure as per Comments	To be Considered in the Basecase	
			(MW)			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)	(MW)			(MW)	
43	Odisha	ER	1409	Kamalanga TPP (GMR)	2	350	225	225						1634			1634	
44	Bihar	ER	18											18			18	
45	Jharkhand	ER	0											0			0	
46	Sikkim	ER	0															
47	Chujachan	ER		Chujachan	1	55	11	22						22			22	
				Chujachan	2	55	11											
47	DVC	ER	3047	DSTPS	2	500	327	655						3701			3701	
				KTPS	1	500	327											
48	MPL	ER	734											734			734	
49	Sterlite	ER	1220											1220			1220	
50	Teesta	ER	351											351			351	
51	Kahalgaon	ER	1470											1470			1470	
52	Farakka	ER	1215											1215			1215	
53	Talcher	ER	796											796			796	
54	Rangeet	ER	37											37			37	
55	Corporate Power	ER												0			0	
56	Adhunik Power	ER		Adhunik Power	1	270	174	348						348			348	
				Adhunik Power	2	270	174											
57	Barh	ER		Barh STPP	4	660	432	432						432			432	
58	Bhutan	ER	513											513			513	
59	MP	WR	2641	JP Bina Power TP	1	250	161	1037						3678				3678
				JP Bina Power TP	2	250	161											
				Satpura TPP Extn.	10	250	161											
				Satpura TPP Extn	11	250	161											
				Maiwa	1	600	393											
60	Maharashtra	WR	8423	Vidarbha Power Ltd.	2	300	193	1622						10045				10045
				Bela TPP	1	270	174											
				EMCO, Warora	1	300	193											
				Bhusawal II	2	500	327											
				India Bulls Amravati	1	270	174											
				Nasik(Sinner) (india-bulls)	1	270	174											
				EMCO Warora	2	300	193											
				Dhariwal TPP	1	300	193											

Generation Figures for Q1 (2014-15) case

				Generation from 1st July'13 to 15th February'14					Expected Generation Likely to be declared Commercial from 16th February'14 to 31st March'14								
Sl. No.	Entities	Region	Projections based on 3 Years Data	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	TOTAL	Comments From DICs /Others (if any)	Figure as per Comments	To be Considered in the Basecase
			(MW)			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)	(MW)			(MW)
61	Chattisgarh	WR	1430	Swastik TPP	1	25	16	671	Baradarha TPP (DB Power Ltd.)	1	600	393	393	2493			2493
				Korba West Extn.	5	500	327										
				Marwa TPS	1	500	327										
62	Gujarat	WR	7172	UNO-Sugen	1	383	0	327	Pipavav	Block 1	351	0	0	7499			7499
				Ukai	6	500	327										
63	Goa	WR	30										30				0
64	D&D	WR	0										0				0
65	DNH	WR	0										0				0
66	Vindhyachal	WR	3044	Vindhychal St-IV Unit I	1	500	327	327						3371			3371
67	Ratnagiri Dabhol	WR	982											982		0	0
68	TAPS (1,2,3,4)	WR	959											959			959
69	JINDAL	WR	901											901			901
70	LANCO	WR	329											329			329
71	NSPCL Bhilai	WR	406											406			406
72	Korba	WR	2007											2007			2007
73	SIPAT	WR	1896											1896			1896
74	CGPL	WR	2625											2625			2625
75	Mauda	WR		Mauda	1	500	327	327						327			327
76	Gandhar	WR	396											396			396
77	Kawas	WR	333											333			333
78	KAPS	WR	388											388			388

Generation Figures for Q1 (2014-15) case

				Generation from 1st July'13 to 15th February'14					Expected Generation Likely to be declared Commercial from 16th February'14 to 31st March'14								
Sl. No.	Entities	Region	Projections based on 3 Years Data	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	TOTAL	Comments From DICs /Others (if any)	Figure as per Comments	To be Considered in the Basecase
			(MW)			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)	(MW)			(MW)
79	Essar Mahan	WR		ESSAR Mahan	1	600	300	300						300			300
80	BALCO	WR							BALCO	2	300	193	193	193		193	193
81	KSK Mahanadi	WR		KSK Mahanadi	3	600	393	393						393			393
82	Vandana Vidyut	WR		Vandana Vidyut TPP	1	135	87	87						87			87
83	Sasan UMPP	WR		Sasan UMPP	3	660	432	432						432			864
				Sasan UMPP	4	660	432	432					432				
84	Tamnar TPP	WR							Tamnar TPP	1	600	393	393	393			393
85	AGTPP, NEEPCO	NER	73											73			73
86	Doyang, NEEPCO	NER	15											15			15
87	Kopili, NEEPCO	NER	64											64			64
88	Khandong, NEEPCO	NER	34											34			34
89	Ranganadi, NEEPCO	NER	125											125			125
90	Kathalguri	NER	196											196			196
91	Loktak, NHPC	NER	38											38			38
92	Palatana GBPP	NER		Palatana GBPP	1	363	310	310						310			310
93	Arunachal Pradesh	NER	0											0			0
94	Assam	NER	195											195			195
95	Manipur	NER	0											0			0
96	Meghalaya	NER	95	Leshka HPP	3	42	17	46						140			140
				Meghalaya Power Limited	2	45	29										
97	Nagaland	NER	9											9			9
98	Tripura	NER	79											79			79
99	Mizoram	NER	3											3			3
100	Andhra Pradesh	SR	6641											6641			6641
101	Karnataka	SR	4546											4546		6000	6000
102	Kerala	SR	910											910			910
103	Tamil Nadu	SR	5860	Mettur Stg III	1	600	393	393	North Chennai Stg II	1	600	393	393	6645			6645
104	Pondy	SR	29											29			0

Generation Figures for Q1 (2014-15) case																	
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Sl. No.	Entities	Region	Projections based on 3 Years Data	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	TOTAL	Comments From DICs /Others (if any)	Figure as per Comments	To be Considered in the Basecase
			(MW)			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)	(MW)			(MW)
105	Ramagundam	SR	2231											2231			2231
106	Simhadri	SR	552											552			552
107	SEPL	SR	218						SEPL	3	150	97	97	314			314
108	Lanco Kondapalli	SR	0											0			0
109	Kaiga	SR	690											690			690
110	NEYVELI (EXT) TPS	SR	360											360			360
111	NEYVELI TPS-II	SR	1239											1239			1239
112	NEYVELI TPS-II EXP	SR	0											0			0
113	MAPS	SR	223											223			223
114	Vallur	SR	0	Vallur TPP Ph1	1	500	327	327						655			655
				Vallur TPP Ph1	2	500	327	327									
115	Meenakhshi	SR		Meenakhshi	1	150	97	193						193			193
				Meenakhshi	2	150	97										
116	Kudankulam	SR							Kudankulam	1	1000	910	910	910		650	650
117	Talcher Stage II	SR	1592											1592			1592
	TOTAL		105449					12070					2958	120477			120631

Note:

- Projections are based on the past monthly energy generation data available on the website of CEA
- Generation forecast has been done based on the following criteria
 - If there is an increasing trend then last year average generation has been considered
 - Otherwise average of past three year average generation has been considered
- It is assumed that the energy generation figure available on the website of CEA is gross and Normative Auxiliary Consumption has been reduced from it.
- Normative Auxiliary Consumption of state considered based on the hydro thermal mix (1% Hydro, 3% Gas and 8% Thermal)
- In case of new generators where past data was not available following has been assumed
 - 0.4 plf for hydro generators
 - 0.7 plf for thermal generators.
 - 0.3 plf for gas stations
- CEA Reports can be accessed from following links
 - http://cea.nic.in/reports/monthly/generation_rep/actual/jun11/opm_16.pdf
 - http://cea.nic.in/reports/monthly/generation_rep/actual/jun12/opm_16.pdf
 - http://cea.nic.in/reports/monthly/generation_rep/actual/jun13/opm_16.pdf