

DEMAND FORECAST USING PAST 3 YEARS DATA (July 2015 - September 2015)

	2012-13			2013-14			2014-15			1	2	3	4	To be considered in basecase	Data given by DICs	Comments
	Jul-12	Aug-12	Sep-12	Jul-13	Aug-13	Sep-13	Jul-14	Aug-14	Sep-14	2012-13 Average	2013-14 Average	2014-15 Average	Projected Demand for (Jul 2015 to Sept 2015)	Nomalised Peak Demand for (Jul'15- Sept'15) (4*N(f))		
Chandigarh	340	303	286	328	306	301	367	343	283	310	312	331	339	321		
Delhi	5,642	4,652	4621	5,384	4,988	4,803	5,925	5,507	4,882	4,972	5,058	5,438	5,622	5,325		
Haryana	6,725	6,598	6174	8,114	7,613	7,529	8,752	9,152	8,227	6,499	7,752	8,710	9,865	9,343		
Himachal Pradesh	1,250	1,196	1240	1,196	1,193	1,251	1,248	1,313	1,286	1,229	1,213	1,282	1,295	1,227		
Jammu & Kashmir	1,708	1,713	1705	1,820	1,780	1,749	1,931	1,826	1,869	1,709	1,783	1,875	1,956	1,852		
Punjab	8,073	8,751	8147	8,564	8,153	8,733	9,699	9,126	8,861	8,324	8,483	9,229	9,584	9,076		
Rajasthan	7,690	7,044	7139	7,293	7,147	8,913	9,403	10,077	9,474	7,291	7,784	9,651	10,603	10,041		
Uttar Pradesh	11,975	10,614	10958	11,629	11,916	11,520	11,968	10,512	11,844	11,182	11,688	11,441	11,696	11,077		
Uttarakhand	1,409	1,527	1646	1,689	1,698	1,612	1,780	1,761	1,813	1,527	1,666	1,785	1,917	1,815		
Northern Region	41,790	38,469	37,174	42,523	41,750	42,774	47,367	47,642	43,931	42,602	42,349	46,313				
Chattisgarh	2,674	2,774	2887	2,899	2,927	3,132	2,978	3,195	3,121	2,778	2,986	3,098	3,274	3,100		
Gujarat	11,213	11,270	10762	10,465	11,000	12,201	13,467	12,263	13,136	11,082	11,222	12,955	13,627	12,905		
Madhya Pradesh	5,275	5,635	6585	5,572	5,787	7,312	6,851	7,438	8,159	5,832	6,224	7,483	8,164	7,731		
Maharashtra	14,435	14,619	15563	14,291	14,709	15,871	18,483	16,938	18,565	14,872	14,957	17,995	19,065	18,055		
Daman & Diu	276	286	286	291	291	291	297	297	297	283	291	297	305	288		
Dadra Nagar Haveli	622	621	629	640	661	661	672	673	635	624	654	660	682	646		
Goa	452	426	398	425	490	435	459	459	444	425	450	454	472	447		
ESIL														500		
Western Region	31,836	32,471	35,781	32,817	33,930	36,818	41,170	38,019	42,757	33,363	34,522	40,649				
Andhra Pradesh	9,508	9,929	10438	10,932	11,717	11,887	12,021	13,179	12,958	9,958	11,512	12,719	14,158	13,408		
Telangana																
Karnataka	7,831	7,689	7863	7,314	8,256	7,743	8,137	7,878	7,973	7,794	7,771	7,996	8,055	7,629		
Kerala	3,262	3,235	3147	3,007	3,116	3,195	3,210	3,189	3,403	3,215	3,106	3,267	3,249	3,077	3347	Forecasted demand given by Kerala
Tamil Nadu	10,877	10,566	10348	11,591	11,851	11,845	13,034	12,634	12,899	10,597	11,762	12,856	13,997	13,256	13500	Forecasted demand given by Tamil Nadu
Pondicherry	311	300	308	324	319	322	333	325	336	306	322	331	345	327		
Southern Region	30,048	29,008	29,595	30,885	34,151	33,161	34,541	34,162	35,238	29,550	32,732	34,647				
Bihar	1,727	1,740	1698	2,166	2,113	2,088	2,470	2,251	2,722	1,722	2,122	2,481	2,868	2,716		
DVC	2,469	2,139	2233	2,583	2,428	2,417	2,512	2,453	2,454	2,280	2,476	2,473	2,602	2,465		
Jharkhand	1,033	1,002	1007	959	974	943	982	992	986	1,014	959	987	959	908		
Odisha	3,158	3,497	3428	3,537	3,471	3,620	3,634	3,541	3,710	3,361	3,543	3,628	3,778	3,578		
West Bengal	6,915	6,521	6684	7,290	7,008	6,981	7,133	7,419	7,288	6,707	7,093	7,280	7,600	7,197		
Sikkim	95	95	95	80	80	80	78	75	80	95	80	78	67	63		
Bhutan																
Eastern Region	14,256	14,145	14,288	15,528	15,023	15,075	16,086	16,010	16,609	14,230	15,209	16,235				
Arunachal Pradesh	110	103	112	104	111	103	116	116	115	108	106	116	117	111	141	Forecasted demand given by Ar. Pradesh
Assam	1,072	1,095	1073	1,188	1,210	1,220	1,187	1,242	1,207	1,080	1,206	1,212	1,298	1,229	1220	Forecasted demand given by Assam
Manipur	112	119	114	117	118	124	125	138	126	115	120	130	136	129	205	Forecasted demand given by Manipuri
Meghalaya	279	275	278	269	271	285	297	280	280	277	275	286	288	272	308	Forecasted demand given by Meghalaya
Mizoram	61	62	64	59	62	65	82	81	78	62	62	80	86	82	72	Forecasted demand given by Mizoram
Nagaland	94	97	97	101	103	100	117	116	116	96	101	116	125	118	126	Forecasted demand given by Nagaland
Tripura	178	178	197	220	209	217	238	235	256	184	215	243	273	258	262	Forecasted demand given by Tripura
N. Eastern Region	1,762	1,789	1,805	1,973	1,920	1,987	1,996	2,053	2,112	1,785	1,960	2,054				
All India (sum of all regions)	119,692	115,882	118,643	123,726	126,774	129,815	141,160	137,886	140,647	118,072	126,772	139,898	158,464			
All India Peak Met	119,692	115,882	118,643	123,726	126,774	129,815	141,160	137,886	140,647	118,072	126,772	139,898	150,073	From CEA monthly executive summary report		

Normalization Factor N(f) = 0.95 150573 After adding 500 MW demand of ESIL

Notes

- Projections are based on the past 3 years' monthly Peak Demand Met data available on the website of CEI
- The above projections are being done for financial year 2015-2016 (Q1) i.e July 2015 to September 2015
- Projections are being done based on the forecast function available in MS Office Excel
- CEA Reports can be accessed from the following links:
http://www.cea.nic.in/reports/monthly/qm_div_rep/power_supply_position_rep/peak/Peak_2014_09.pr
http://www.cea.nic.in/reports/monthly/qm_div_rep/power_supply_position_rep/peak/Peak_2014_08.pr
http://www.cea.nic.in/reports/monthly/qm_div_rep/power_supply_position_rep/peak/Peak_2014_07.pr
http://www.cea.nic.in/reports/monthly/qm_div_rep/power_supply_position_rep/peak/Peak_2013_09.pr
http://www.cea.nic.in/reports/monthly/qm_div_rep/power_supply_position_rep/peak/Peak_2013_08.pr
http://www.cea.nic.in/reports/monthly/qm_div_rep/power_supply_position_rep/peak/Peak_2013_07.pr
http://www.cea.nic.in/reports/monthly/qm_div_rep/power_supply_position_rep/peak/Peak_2012_09.pr
http://www.cea.nic.in/reports/monthly/qm_div_rep/power_supply_position_rep/peak/Peak_2012_08.pr
http://www.cea.nic.in/reports/monthly/qm_div_rep/power_supply_position_rep/peak/Peak_2012_07.pr