

Generation Projection (Oct'16 - Dec'16)

			Generation declared Commercial from 1st Jan '16 to 30th June '16						Generation declared/expected to be declared Commercial from 1st July'16 to 30th Sep'16									
Sl. No.	Entities	Region	Projections based on 3 Years Data	Bus Name	Unit No.	Installed Capacity	Gen. considered	Sub Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Sub Total	TOTAL	Comments From DICS /Others (if any)	Figure as per Comments/PoC Data	Projected Generation before normalization w.r.t projected All India Peak Demand	
			(MW)			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)	(MW)			(MW)	
1	AGTPP, NEEPCO	NER	91											91	As per NEEPCO	78	78	
2	AGTPP Extn.	NER		AGTPP Extn	1	46	13	13						13		46	46	
3	Doyang, NEEPCO	NER	66											66		54	54	
4	Kopili, NEEPCO	NER	207											207		213	213	
5	Khandong, NEEPCO	NER	58											58		36	36	
6	Ranganadi, NEEPCO	NER	407											407		401	401	
7	AGBPP_Kathalguri	NER	233											233		220	220	
8	TGBP	NER		TGBP	1	65	18	18						18		65	65	
9	Loktak, NHPC	NER	105											105	As per NHPC	105	105	
10	Palatana GBPP	NER	490											490	As per OTPC	529	529	
11	Bongaigaon_NT PC	NER		Bongaigaon_NT PC	1	250	161	161						161			161	
12	Arunachal Pradesh	NER	0											0			0	
13	Assam	NER	344											344			344	
14	Manipur	NER	0											0			0	
15	Meghalaya	NER	229	Meghalaya Power Limited	2	45	29	29						259			259	
16	Nagaland	NER	17											17				17
17	Tripura	NER	105											105				105
18	Mizoram	NER	6											6				6
	TOTAL		2357					221					0	2578				2639

Note:

1. Projections are based on monthly maximum injection in the last 3 years from actual metered data.
2. Generation forecast has been done based on the following criteria
 - (i) If there is an increasing trend then last year average generation has been considered
 - (ii) Otherwise average of past three year average generation has been considered
3. In case of new generators where past data was not available following has been assumed
 - (i) 0.8 plf for hydro generators
 - (ii) 0.7 plf for thermal generators.
 - (iii) 0.3 plf for gas stations
4. In case of the re-organized states of Andhra Pradesh and Telangana Generation is divided in the ratio 53.89% for Telangana and 46.11% for Andhra Pradesh for FY 2012-13 and 2013-14. This is as per letter No.CE/COMML/APPCC/DE-COMML/POC-DATA-15-16/D.No/15 dtd. 09.10.15 as received from APTRANSCO.

DEMAND FORECAST USING PAST 3 YEARS DATA (October 2016 - December 2016)														
	2013-14			2014-15			2015-16			1	2	3	4	Data given by DICs
	Oct-13	Nov-13	Dec-13	Oct-14	Nov-14	Dec-14	Oct-15	Nov-15	Dec-15	2013-14 Average	2014-15 Average	2015-16 Average	Projected Demand for (October 2016 - Dec2016) before normalization	
Arunachal Pradesh	113	120	124	126	116	117	125	118	132	119	120	125	127	
Assam	1,220	1,155	1,065	1,257	1,250	1,204	1,329	1,378	1,312	1,147	1,237	1,340	1,434	
Manipur	111	123	129	134	138	139	146	163	167	121	137	159	177	
Meghalaya	276	298	312	273	338	367	322	335	348	295	326	335	358	
Mizoram	60	65	79	80	80	86	81	89	96	68	82	89	100	
Nagaland	99	96	104	118	115	123	119	120	138	100	119	126	141	
Tripura	250	207	191	266	222	210	269	242	221	216	233	244	259	
N. Eastern Region	2,048	1,966	1,890	2,141	2,125	2,170	2,301	2,352	2,320					

Notes

- Projections are based on the past 3 years' monthly Peak Demand Met data available on the website of CEA
- The above projections are being done for financial year 2016-2017 (Q3) i.e Oct 2016 to Dec 2016
- Projections are being done based on the forecast function available in MS Office Excel
- In case of the re-organized states of Andhra Pradesh and Telangana Maximum Demand is divided in the ratio 53.89% for Telangana and 46.11% for Andhra Pradesh for FY 2012-13 and 2013-14. This is as per letter No.CE/COMML./APPCC/DE-COMML/POC-DATA-15-16/D.No/15 dtd. 09.10.15 as received from APTRANSCO.
- CEA Reports can be accessed from the following links:
http://www.cea.nic.in/reports/monthly/powersupply/2015/psp_peak-12.pdf
http://www.cea.nic.in/reports/monthly/powersupply/2015/psp_peak-11.pdf
http://www.cea.nic.in/reports/monthly/powersupply/2015/psp_peak-10.pdf
http://www.cea.nic.in/reports/monthly/gm_div_rep/power_supply_position_rep/peak/Peak_2014_12.pdf
http://www.cea.nic.in/reports/monthly/gm_div_rep/power_supply_position_rep/peak/Peak_2014_11.pdf
http://www.cea.nic.in/reports/monthly/gm_div_rep/power_supply_position_rep/peak/Peak_2014_10.pdf
http://www.cea.nic.in/reports/monthly/gm_div_rep/power_supply_position_rep/peak/Peak_2013_12.pdf
http://www.cea.nic.in/reports/monthly/gm_div_rep/power_supply_position_rep/peak/Peak_2013_11.pdf
http://www.cea.nic.in/reports/monthly/gm_div_rep/power_supply_position_rep/peak/Peak_2013_10.pdf