

## 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
	<b>TOTAL</b>		<b>2357</b>					<b>221</b>					<b>0</b>	<b>2578</b>				<b>2639</b>

**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	
<b>Arunachal Pradesh</b>	113	120	124	126	116	117	125	118	132	119	120	125	127	
<b>Assam</b>	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	
<b>Manipur</b>	111	123	129	134	138	139	146	163	167	121	137	159	177	
<b>Meghalaya</b>	276	298	312	273	338	367	322	335	348	295	326	335	358	
<b>Mizoram</b>	60	65	79	80	80	86	81	89	96	68	82	89	100	
<b>Nagaland</b>	99	96	104	118	115	123	119	120	138	100	119	126	141	
<b>Tripura</b>	250	207	191	266	222	210	269	242	221	216	233	244	259	
<b>N. Eastern Region</b>	<b>2,048</b>	<b>1,966</b>	<b>1,890</b>	<b>2,141</b>	<b>2,125</b>	<b>2,170</b>	<b>2,301</b>	<b>2,352</b>	<b>2,320</b>					

#### 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-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-11.pdf)  
[http://www.cea.nic.in/reports/monthly/powersupply/2015/psp\\_peak-10.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_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_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_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_12.pdf)  
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