

Generation Projection (Apr 2017 - June 2017)

				Generation declared Commercial from 1st July '16 to 31st Dec'16					Generation declared/expected to be declared Commercial from 1st Jan'17 to 31st Mar'17								
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	124											124			124
2	Doyang, NEEPCO	NER	47											47			47
3	Kopili, NEEPCO	NER	126											126			126
4	Khandong, NEEPCO	NER	40											40			40
5	Ranganadi, NEEPCO	NER	429											429			429
6	AGBPP_Kathalgu ri	NER	228											228			228
7	TGBP	NER		TGBP	1	65	18	18						18			18
8	Loktak, NHPC	NER	101											101	As per NHPC	105	105
9	Palatana GBPP	NER	585											585	As per OTPC	547	547
10	Bongaigaon_NTPC	NER	234											234			234
11	Arunachal Pradesh	NER	0											0			0
12	Assam	NER	353											353			353
13	Manipur	NER	0											0			0
14	Meghalaya	NER	175											175			175
15	Nagaland	NER	13											13	As per data given by Nagaland	18	18
16	Tripura	NER	117											117			117
17	Mizoram	NER	6											6	As per data given by Mizoram	8	8
	TOTAL		2578					18					0	2596			2596

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) 1.0 p/f for hydro generators

(ii) 0.7 p/f for thermal generators.

(iii) 0.3 p/f 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 (Apr 2017 - June 2017)															
	2014-15			2015-16			2016-17			1	2	3	4	Data given by DICs	Comments
	Apr-14	May-14	Jun-14	Apr-15	May-15	Jun-15	Apr-16	May-16	Jun-16	2014-15 Average	2015-16 Average	2016-17 Average	Projected Demand for (Apr 2017 - June 2017) before normalization		
Arunachal Pradesh	104	111	110	114	109	108	141	119	130	108	110	130	138		
Assam	1,230	1,212	1,215	1,282	1,260	1,324	1,356	1,423	1,458	1,219	1,289	1,412	1,500		
Manipur	112	109	117	148	153	147	146	144	151	113	149	147	171		
Meghalaya	272	296	289	312	295	295	295	282	311	286	301	296	304		
Mizoram	76	73	74	80	84	81	82	88	80	74	82	83	89	93	As per data given by Mizoram
Nagaland	95	102	105	107	101	105	110	105	119	101	104	111	116	126	As per data given by Nagaland
Tripura	246	233	230	238	254	249	264	249	273	236	247	262	274		
N. Eastern Region	2,045	1,986	1,998	2,114	2,185	2,190	2,358	2,401	2,475						

Notes

1. Projections are based on the past 3 years' monthly Peak Demand Met data available on the website of CEA
2. The above projections are being done for financial year 2017-2018 (Q1) i.e. Apr 2017 to June 2017
3. Projections are being done based on the forecast function available in MS Office Excel
4. 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/COMMLL/APPCC/DE-COMML/POC-DATA-15-16/D.No/15 dtd. 09.10.15 as received from APTRANSCO.
4. CEA Reports can be accessed from the following links:
http://www.cea.nic.in/reports/monthly/powersupply/2016/psp_peak-06.pdf
http://www.cea.nic.in/reports/monthly/powersupply/2016/psp_peak-05.pdf
http://www.cea.nic.in/reports/monthly/powersupply/2016/psp_peak-04.pdf
http://cea.nic.in/reports/monthly/powersupply/2014/psp_peak-05.pdf
http://cea.nic.in/reports/monthly/powersupply/2014/psp_peak-06.pdf
http://cea.nic.in/reports/monthly/powersupply/2015/psp_peak-04.pdf
http://cea.nic.in/reports/monthly/powersupply/2015/psp_peak-05.pdf
http://cea.nic.in/reports/monthly/powersupply/2015/psp_peak-06.pdf