



भारत सरकार Government of India  
विद्युत मंत्रालय Ministry of Power  
उत्तर पूर्वी क्षेत्रीय विद्युत समिति

North Eastern Regional Power Committee

एन ई आर पी सी कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय  
NERPC Complex, Dong Parmaw, Lapalang, Shillong - 793006, Meghalaya



ISO 9001:2008

Ph. No: 0364 - 2534039  
Fax No: 0364 - 2534040  
Website: www.nerpc.nic.in  
Email: nerpc@ymail.com

बि. एन. ई. आर. पी. सी. कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय

**Subject: Load Generation Balance Report of NER for the year 2015-16.**

बि. एन. ई. आर. पी. सी. कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय  
www.nerpc.nic.in

Please find enclosed herewith Load Generation Balance Report (LGBR) of North Eastern Region for the year 2015-16 for your kind information. The details of LGBR are also available in the website of NERPC, [www.nerpc.nic.in](http://www.nerpc.nic.in).

बी. लिंगखोई

(बी. लिंगखोई / B. Lyngkhoi)

बि. एन. ई. आर. पी. सी. कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय / S. E.

Encl: As above.

Chief Engineer (GM), CEA, Sewa Bhawan, R.K. Puram, New Delhi – 110066

No. NERPC/SE(O)/LGBR/2015/4972-85

Dated: 27<sup>th</sup> March' 2015

**Copy for information to:**

1. Member (GO&D), CEA, Sewa Bhawan, R.K. Puram, New Delhi – 110066
2. Managing Director, AEGCL, Bijuli Bhawan, Guwahati – 781 001
3. Director(Transmission), Me. PTCL, Lumjingshai, Short Round Road, Shillong – 793 001
4. Chief Engineer (WE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
5. Chief Engineer (EE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
6. Chief Engineer (P), Department of Power, Govt. of Nagaland, Kohima – 797 001
7. Managing Director, MSPCL, Electricity Complex, Keishampat, Imphal – 795 001
8. Engineer-In-Chief (P&E), Department of Power, Govt. of Mizoram, Aizawl – 796 001
9. Addl. General Manager(Tech.), TSECL, Bidyut Bhavan, Banamalipur, Agartala – 799 001
10. Addl. General Manager, NERLDC, Lower Nongrah, Lapalang, Shillong- 793 006
11. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
12. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
13. GM (Plant), OTPC, Badarghat Complex, Agartala, Tripura - 799014

बी. लिंगखोई

(बी. लिंगखोई / B. Lyngkhoi)

बि. एन. ई. आर. पी. सी. कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय / S. E.

**ABSTRACT OF STATEWISE/SYSTEMWISE/CONSTITUENTWISE OFF PEAK DEMAND- vs- AVAILABILITY  
IN NORTH EASTERN REGION FOR THE PERIOD FROM APRIL-2015 TO MARCH-2016**

(ALL FIGURES IN MW & NET)

SL.NO	PARTICULARS	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16
<b>1</b>	<b>ARUNACHAL PRADESH</b>												
i)	NET MAX DEMAND	76	76	73	73	76	79	76	70	70	73	73	79
ii)	NET POWER AVAILABILITY- Own Source	2	2	2	6	6	6	4	4	2	2	2	2
	- Central Sector	33	46	71	104	102	98	71	46	49	48	62	49
iii)	SURPLUS(+)/DEFICIT(-)	-40	-28	1	37	32	25	-2	-21	-19	-23	-9	-28
<b>2</b>	<b>ASSAM</b>												
i)	NET MAX DEMAND	900	860	900	905	920	900	950	900	920	900	800	875
ii)	NET POWER AVAILABILITY- Own Source	209	204	259	271	271	271	259	271	251	241	229	251
	Central Sector	369	567	657	806	776	740	656	541	587	580	619	589
iii)	SURPLUS(+)/DEFICIT(-)	-322	-89	16	172	127	110	-35	-89	-82	-79	48	-35
<b>3</b>	<b>MANIPUR</b>												
i)	NET MAX DEMAND (OWN)	86	96	90	93	97	97	100	97	97	107	96	100
ii)	NET POWER AVAILABILITY- Own Source	5	5	5	5	5	5	5	5	5	5	5	5
	- Central Sector	47	71	98	131	130	124	106	84	76	73	79	74
iii)	SURPLUS(+)/DEFICIT(-)	-33	-20	14	43	39	32	11	-7	-15	-29	-12	-21
<b>4</b>	<b>MEGHALAYA</b>												
i)	NET MAX DEMAND	220	220	220	220	217	220	226	231	234	250	231	228
ii)	NET POWER AVAILABILITY- Own Source	100	104	145	202	229	245	165	103	94	76	105	103
	Central Sector	104	150	176	221	212	200	177	143	156	153	162	155
iii)	SURPLUS(+)/DEFICIT(-)	-16	34	101	203	223	225	117	15	16	-21	36	30
<b>5</b>	<b>MIZORUM</b>												
i)	NET MAX DEMAND	55	55	59	55	55	55	59	59	62	62	55	59
ii)	NET POWER AVAILABILITY- Own Source	18	20	20	30	30	30	25	20	20	19	18	19
	Central Sector	32	44	55	72	70	66	56	43	46	45	50	47
iii)	SURPLUS(+)/DEFICIT(-)	-5	9	17	47	45	41	22	5	5	3	13	7
<b>6</b>	<b>NAGALAND</b>												
i)	NET MAX DEMAND	72	72	72	81	78	81	84	78	78	81	75	81
ii)	NET POWER AVAILABILITY- Own Source	3	7	11	20	20	20	17	12	10	8	6	4
	Central Sector	42	49	60	76	75	71	60	47	51	50	55	51
iii)	SURPLUS(+)/DEFICIT(-)	-27	-16	-1	15	17	10	-7	-19	-17	-23	-14	-26
<b>7</b>	<b>TRIPURA</b>												
i)	NET MAX DEMAND	180	194	197	197	201	194	214	184	173	167	167	187
ii)	NET POWER AVAILABILITY- Own Source	94	109	109	114	114	114	114	114	109	109	109	109
	Central Sector	132	230	248	272	271	265	250	188	236	235	237	236
iii)	SURPLUS(+)/DEFICIT(-)	45	146	159	189	184	186	150	119	172	177	179	158
<b>8</b>	<b>NORTH EASTERN REGION</b>												
i)	NET MAX DEMAND	1589	1573	1610	1625	1643	1625	1709	1618	1634	1639	1497	1608
ii)	SIMULTANEOUS MAX.DEMAND CONSIDERING 1.02 AS DIVERSITY FACTOR	1558	1542	1579	1593	1611	1593	1675	1586	1602	1607	1468	1577
iii)	NET POWER AVAILABILITY- Own Source	431	451	551	648	675	691	589	529	491	460	474	493
	Central Sector	760	1158	1366	1683	1636	1564	1376	1092	1202	1184	1265	1201
	SURPLUS(+)/DEFICIT(-)	-398	36	307	707	668	630	257	3	59	5	242	86

**ABSTRACT OF STATEWISE/SYSTEMWISE/CONSTITUENTWISE PEAK DEMAND- vs- AVAILABILITY  
IN NORTH EASTERN REGION FOR THE PERIOD FROM APRIL-2015 TO MARCH-2016**

SL.NO	P A R T I C U L A R S	(ALL FIGURES IN MW & NET)											
		Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16
1	ARUNACHAL PRADESH												
	i) NET MAX DEMAND	138	138	133	133	138	143	139	128	128	133	133	143
	ii) NET POWER AVAILABILITY- Own Source	2	2	2	6	6	6	4	4	2	2	2	2
	- Central Sector	112	136	141	142	141	139	140	122	109	108	110	128
	iii) SURPLUS(+)/DEFICIT(-)	-24	0	11	15	9	2	5	-2	-16	-22	-20	-13
2	ASSAM												
	i) NET MAX DEMAND	1395	1415	1440	1450	1500	1480	1455	1450	1460	1400	1260	1410
	ii) NET POWER AVAILABILITY- Own Source	209	204	259	271	271	271	259	271	251	241	229	251
	- Central Sector	584	875	920	926	904	893	911	781	779	780	789	836
	iii) SURPLUS(+)/DEFICIT(-)	-603	-336	-261	-253	-326	-316	-285	-398	-431	-379	-242	-324
3	MANIPUR												
	i) NET MAX DEMAND (OWN)	132	148	138	143	149	149	154	149	149	165	148	154
	ii) NET POWER AVAILABILITY- Own Source	5	5	5	5	5	5	5	5	5	5	5	5
	- Central Sector	102	147	155	155	155	153	153	132	123	132	124	142
	iii) SURPLUS(+)/DEFICIT(-)	-24	4	22	17	11	10	4	-11	-20	-28	-19	-7
4	MEGHALAYA												
	i) NET MAX DEMAND	400	400	400	400	395	400	410	420	425	425	420	415
	ii) NET POWER AVAILABILITY- Own Source	100	104	145	202	229	245	165	103	94	76	105	103
	- Central Sector	164	239	252	254	247	244	250	210	210	212	212	226
	iii) SURPLUS(+)/DEFICIT(-)	-136	-57	-3	56	81	89	5	-107	-121	-137	-103	-86
5	MIZORUM												
	i) NET MAX DEMAND	85	85	90	85	85	85	90	90	95	95	85	90
	ii) NET POWER AVAILABILITY- Own Source	18	20	20	30	30	30	25	20	20	19	18	19
	- Central Sector	60	81	86	86	85	84	85	72	70	71	71	78
	iii) SURPLUS(+)/DEFICIT(-)	-7	16	16	31	30	29	20	2	-5	-5	4	7
6	NAGALAND												
	i) NET MAX DEMAND	120	120	120	135	130	135	140	130	130	135	125	135
	ii) NET POWER AVAILABILITY- Own Source	3	7	11	20	20	20	17	12	10	8	6	4
	- Central Sector	74	86	90	91	90	88	89	76	75	76	76	83
	iii) SURPLUS(+)/DEFICIT(-)	-43	-27	-19	-24	-20	-27	-34	-42	-45	-51	-43	-48
7	TRIPURA												
	i) NET MAX DEMAND	265	285	290	290	295	285	315	270	255	245	245	275
	ii) NET POWER AVAILABILITY- Own Source	94	109	109	114	114	114	114	114	109	109	109	109
	- Central Sector	173	284	291	292	291	289	290	228	271	274	268	283
	iii) SURPLUS(+)/DEFICIT(-)	1	109	110	116	110	118	89	72	125	138	132	117
8	NORTH EASTERN REGION												
	i) NET MAX DEMAND	2535	2591	2610	2636	2691	2676	2703	2636	2641	2598	2416	2622
	ii) SIMULTANEOUS MAX.DEMAND	2485	2540	2559	2584	2638	2624	2650	2584	2589	2547	2369	2570
	CONSIDERING .02 AS DIVERSITY FACTOR												
	iii) NET POWER AVAILABILITY- Own Source	431	451	551	648	675	691	589	529	491	460	474	493
	- Central Sector	1268	1849	1935	1946	1912	1891	1919	1621	1637	1653	1650	1775
	SURPLUS(+)/DEFICIT(-)	-836	-290	-124	-41	-104	-94	-195	-486	-513	-484	-292	-354

**ABSTRACT OF STATEWISE/SYSTEMWISE/CONSTITUENTWISE ENERGY REQUIREMENT- vs- AVAILABILITY  
IN NORTH EASTERN REGION FOR THE PERIOD FROM APRIL-2015 TO MARCH-2016**

SL.NO	P A R T I C U L A R S	(ALL FIGURES IN MU & NET)												TOTAL 2015-16
		Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	
1	ARUNACHAL PRADESH													
	i) NET ENERGY REQUIREMENT	66	70	67	67	72	72	72	67	67	67	57	72	816
	ii) NET ENERGY AVAILABILITY- Own Source	5	5	4	6	6	6	6	4	4	3	3	4	56
	- Central Sector	33	49	60	78	75	68	55	41	41	40	36	40	617
	iii) SURPLUS(+)/DEFICIT(-)	-28	-16	-3	17	9	2	-11	-22	-22	-24	-17	-28	-143
2	ASSAM													
	i) NET ENERGY REQUIREMENT	760	775	800	845	855	830	800	700	700	700	625	725	9115
	ii) NET ENERGY AVAILABILITY- Own Source	124	137	144	172	179	177	159	129	130	134	120	129	1734
	- Central Sector	268	412	478	560	543	496	466	384	407	405	375	410	5203
	iii) SURPLUS(+)/DEFICIT(-)	-369	-227	-178	-113	-133	-157	-175	-186	-163	-161	-130	-186	-2178
3	MANIPUR													
	i) NET ENERGY REQUIREMENT	65	65	70	75	75	75	75	75	75	80	65	70	865
	ii) NET ENERGY AVAILABILITY- Own Source	4	4	4	4	4	4	4	4	4	4	4	4	43
	- Central Sector	41	57	73	88	88	82	75	59	62	61	53	56	795
	iii) SURPLUS(+)/DEFICIT(-)	-21	-4	6	16	17	10	4	-12	-10	-15	-9	-10	-27
4	MEGHALAYA													
	i) NET ENERGY REQUIREMENT	165	170	160	170	170	165	180	190	205	215	180	185	2155
	ii) NET ENERGY AVAILABILITY- Own Source	29	60	84	120	136	141	99	52	42	34	32	27	855
	- Central Sector	75	110	128	152	147	133	126	101	108	107	99	107	1391
	iii) SURPLUS(+)/DEFICIT(-)	-61	-1	52	102	113	109	44	-37	-55	-74	-49	-51	92
5	MIZORUM													
	i) NET ENERGY REQUIREMENT	40	40	40	42	42	42	43	43	45	45	40	40	502
	ii) NET ENERGY AVAILABILITY- Own Source	6	10	10	11	11	10	10	7	6	7	6	7	100
	- Central Sector	25	34	42	50	49	45	40	32	34	34	31	34	449
	iii) SURPLUS(+)/DEFICIT(-)	-10	4	12	19	18	13	7	-4	-5	-5	-3	0	47
6	NAGALAND													
	i) NET ENERGY REQUIREMENT	63	66	70	75	75	70	72	66	69	67	66	66	825
	ii) NET ENERGY AVAILABILITY- Own Source	1	4	6	12	16	16	12	8	5	4	3	2	89
	- Central Sector	32	37	44	53	52	48	43	34	37	36	34	37	487
	iii) SURPLUS(+)/DEFICIT(-)	-29	-25	-20	-10	-7	-6	-16	-24	-27	-27	-29	-27	-249
7	TRIPURA													
	i) NET ENERGY REQUIREMENT	110	120	120	120	125	120	130	110	120	125	100	125	1425
	ii) NET ENERGY AVAILABILITY- Own Source	14	33	29	33	33	29	34	19	25	31	26	31	337
	- Central Sector	84	150	157	173	172	163	160	123	151	152	140	151	1778
	iii) SURPLUS(+)/DEFICIT(-)	-12	63	66	86	80	72	64	33	56	58	67	57	690
8	NORTH EASTERN REGION													
	i) NET ENERGY REQUIREMENT	1269	1306	1326	1394	1414	1374	1372	1251	1281	1299	1133	1283	15703
	ii) NET ENERGY AVAILABILITY- Own Source	183	251	280	358	384	383	323	223	216	216	194	203	3214
	- Central Sector	557	848	983	1153	1128	1034	966	776	840	835	768	834	10720
	iii) SURPLUS(+)/DEFICIT(-)	-530	-206	-64	117	98	43	-83	-253	-226	-248	-171	-246	-1768
	MU/DAY	42	42	44	45	46	46	44	42	41	42	40	41	43

**NERPC: SHILLONG**

**Proposed Maintenance Programme of Thermal units during 2015-16 .**

SYSTEM	POWER STATION	Unit NO.	Effective Capacity	Maintenance Programme	Remarks
ASSAM	LAKWA TPS	Unit No 1	15	21.09.2015 to 30.09.2015 01.01.2016 to 02.01.2016	Planned Maintenance Air filter net cleaning
		Unit No 2	15	1.04.2015 to 20.05.2015 01.10.2015 to 02.10.2015	Major inspection Air filter net cleaning
		Unit No 3	15	21.03.2016 to 30.03.2016 01.07.2015 to 20.08.2015	Planned Maintenance Major inspection
		Unit No 4	15	19.02.2016 to 28.02.2016 01.09.2015 to 10.09.2015	Planned Maintenance Planned Maintenance
		Unit No 5	20	01.02.2016 to 02.02.2016 01.05.2015 to 02.05.2015	Air filter net cleaning Air filter net cleaning
		Unit No 6	20	01.01.2016 to 10.01.2016 01.06.2015 to 25.06.2015	Planned Maintenance Major inspection
		Unit No 7	20	01.12.2015 to 02.12.2015 01.10.2015 to 10.10.2015	Air filter net cleaning Planned Maintenance
		Unit No 8	37.2	01.05.2015 to 03.05.2015 01.11.2015 to 03.11.2015	Raw water reservoir Raw water reservoir
	NAMRUP TPS	Unit No 1	20	01.04.2015 to 02.04.2015 01.06.2015 to 31.07.2015	Planned Maintenance Major inspection
		Unit No 2	21	01.10.2015 to 02.10.2015 01.04.2015 to 02.04.2015	Planned Maintenance Planned Maintenance
		Unit No 3	21	01.07.2015 to 02.07.2015 01.10.2015 to 02.10.2015	Planned Maintenance Planned Maintenance
		Unit No 4	11	01.06.2015 to 02.06.2015 01.09.2015 to 02.09.2015	Planned Maintenance Planned Maintenance
		Unit No 5	24	01.11.2015 to 31.12.2015 01.05.2015	Major inspection Planned Maintenance
		Unit No 6	22.5	01.07.2015 01.09.2015	Planned Maintenance Planned Maintenance
		Unit No 4	21	01.11.2015 01.08.2015 to 10.08.2015	Planned Maintenance Annual boiler Inspection
		Unit No 5	21	01.08.2015 to 30.09.2015 01.04.2015 to 15.04.2015	Major inspection Major inspection
		Unit No 3	8	01.04.2015 to 31.03.2016	Out of Bus
		TRIPURA	ROKHIA TPS	Unit No 4	8
Unit No 5	8			01.04.2015 to 31.03.2016	Out of Bus
Unit No 6	8			01.04.2015 to 31.03.2017	Out of Bus
Unit No 7	21			15.11.2015 to 15.12.2015	Major inspection
Unit No 8	21			09.11.2015 to 13.11.2015	CI/BI
Unit No 9	21			15.09.2015 to 20.09.2015	CI/BI
NEEPCO	Assam Gas Based Power Plant	GTG No.1	33.5	15.09.2015 to 09.10.2015	Turbine Insp. Upgradation
		GTG No.2	33.5	25.04.2015 to 29.05.2015	Major Insp.
		GTG No.6	33.5	08.02.2016 to 22.02.2016	Combustion & Boroscopic
		STG No.1	30	25.04.2015 to 10.05.2015	Condenser cleaning,Minor
		STG No.2	30	10.05.2015 to 25.05.2015	Condenser cleaning,Minor
		STG No.3	30	10.05.2015 to 25.05.2015	Major Insp.&
	Agartal Gas Turbine Power Plant	GTG No.1	21	01.01.2016 to 15.01.2016	Hot Gas Path Insp.
		GTG No.2	21	01.08.2015 to 15.08.2015	Hot Gas Path Insp.
		GTG No.3	21	01.09.2015 to 05.09.2015	CI/BI
		GTG No.4	21	01.04.2015 to 15.04.2015	Major inspection
OTPC	Pallatana Gas BPP	Model No.2	363	02.11.2015 to 16.11.2015	Annual OH

*NERPC/LGBR/2015-16*

**Proposed Maintenance Programme of Hydro units during 2015-16 .**

SYSTEM	POWER STATION	Unit NO.	Effective Capacity	Maintenance Programme	Remarks
ASSAM	Karbi Langpi HEP	Unit No 1	50	15.01.2016 to 31.01.2016	Planned Maintenance
		Unit No 2	50	05.02.2016 to 15.02.2016	Planned Maintenance
Tripura	Gumti HEP	Unit No 1	5	01.04.2015 to 31.03.2016	Out of bus
		Unit No 2	5	08.09.2015 to 14.09.2015	Routine Main.
		Unit No 3	5	15.09.2015 to 22.09.2015	Routine Main.
NEEPCO	KOPILI HEP Stg-I	Unit No 1	50	01.04.2015 to 30.06.2015	Tunnel Maintenance
		Unit No 2	50	01.04.2015 to 30.06.2015	Tunnel Maintenance
		Unit No 3	50	01.04.2015 to 30.06.2015	Tunnel Maintenance
		Unit No 4	50	01.04.2015 to 30.06.2015	Tunnel Maintenance
	KOPILI HEP Stg-II	Unit No 1	25	16.12.2015 to 15.01.2016	Annual Plan Maintenance
		Unit No 2	25	16.12.2015 to 15.01.2016	APM, Implementation of
	KHANDONG HEP	Unit No 1	25	16.01.2016 to 15.02.2016	APM, Implementation of
		Unit No 2	25	15.11.2015 to 14.12.2015	Annual Plan Maintenance
	DOYANG HEP	Unit No 1	25	15.11.2015 to 14.12.2015	Annual Plan Maintenance
		Unit No 2	25	10.01.2016 to 08.02.2016	Annual Plan Maintenance
Unit No 3		25	25.02.2016 to 25.03.2016	Annual Plan Maintenance	
RANGANADI HEP	Unit No 1	135	03.12.2015 to 23.12.2015	Annual Plan Maintenance	
	Unit No 2	135	03.01.2016 to 23.01.2016	Annual Plan Maintenance	
	Unit No 3	135	03.02.2016 to 23.02.2016	Annual Plan Maintenance	
NHPC	LOKTAK HEP	Unit No 1	35	01.02.2016 to 01.03.2016	Annual Plan Maintenance
		Unit No 2	35	01.04.2015 to 30.04.2015	Annual Plan Maintenance
		Unit No 3	35	01.12.2015 to 30.12.2015	Annual Plan Maintenance
MEGHALAYA	Umiam HEP	Unit No 2	9	01.04.2015 to 30.04.2015	Annual Plan Maintenance
		Unit No 3	9	01.05.2015 to 31.05.2015	Annual Plan Maintenance
		Unit No 4	9	01.01.2016 to 31.01.2016	Annual Plan Maintenance
		Unit No 5	9	01.05.2015 to 31.05.2015	Annual Plan Maintenance
		Unit No 6	10	01.03.2016 to 31.03.2016	Annual Plan Maintenance
	Umtru HEP	Unit No 7	30	01.01.2016 to 31.01.2016	Annual Plan Maintenance
		Unit No 1	2.8	01.04.2015 to 30.11.2015	Annual Plan Maintenance
		Unit No 2	2.8	01.04.2015 to 31.03.2016	Annual Plan Maintenance
	Myntdu Leshka	Unit No 1	42	01.01.2016 to 31.01.2016	Annual Plan Maintenance
		Unit No 2	42	01.11.2015 to 30.11.2015	Annual Plan Maintenance
Unit No 3		42	01.12.2015 to 31.12.2015	Annual Plan Maintenance	