



National Load Despatch Centre  
पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
POWER SYSTEM OPERATION CORPORATION LIMITED

(A wholly owned subsidiary of POWERGRID)

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Weekly Report

Date: 03<sup>rd</sup> July 2015

To,

1. महाप्रबंधक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ. क्षे. भा. प्रे. के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र, अंधेरी, मुंबई - 400093  
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri(East), Mumbai-400093
4. महाप्रबंधक, ऊ. पू. क्षे. भा. प्रे. के., डॉंगतिह, लोअर नॉग्रह, लापालंग, शिल्लोंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009  
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Weekly Status Report 22<sup>nd</sup> June 2015 to 28<sup>th</sup> June 2015.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, - 22<sup>nd</sup> June 2015 to 28<sup>th</sup> June, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर निम्न लिंक पर उपलब्ध है :-

As per article 5.5.1 of the Indian Electricity Grid Code, the weekly status report pertaining power supply position report of All India Power System for the week 22<sup>nd</sup> June 2015 to 28<sup>th</sup> June, is available at the NLDC website, at the following link.

<http://www.nldc.in/attachments/article/267/Weekly%20220615%20to%20280615.pdf>

Thanking You.

Yours faithfully,

*N. Nallarasan*  
3/7/15  
N. Nallarasan  
DGM (SO)

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (22 जून से 28 जून -2015 तक)

रिपोर्टिंग तिथि:- 3-Jul-15

(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मे०वा०)

दिनांक	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी
	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)
22-06-2015	45672	2810	36172	206	32963	1643	15471	300	2016	273	132294	5232
23-06-2015	41168	2501	36504	160	32133	1028	16478	461	2093	193	128376	4343
24-06-2015	42464	1015	32236	142	32815	2116	16617	113	2130	206	126262	3592
25-06-2015	40824	2365	35188	432	34682	452	17425	211	2067	292	130186	3752
26-06-2015	42351	2421	36324	227	33720	535	16455	100	2088	241	130939	3524
27-06-2015	44309	1847	37672	224	33326	350	15644	150	2057	232	133008	2803
28-06-2015	43921	1942	36330	454	30783	300	15437	100	2012	226	128483	3022

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०वू०)

क्षेत्र / तिथि	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन
	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)
22-06-2015	1062	326	816	27	674	51	330	50	36	14	2918	468
23-06-2015	1036	322	811	29	725	59	341	70	37	16	2950	495
24-06-2015	997	323	732	25	749	62	345	67	39	17	2862	492
25-06-2015	895	300	768	33	753	61	346	70	40	18	2802	481
26-06-2015	969	290	808	18	777	65	349	70	38	16	2941	459
27-06-2015	1029	299	852	36	758	62	331	67	36	20	3006	484
28-06-2015	1030	312	853	33	742	64	314	70	38	21	2977	501

3. आवृत्ति (प्रतिशत समय में)

तिथि	49.8-49.9	<49.9	49.9-50.05	>50.05	Average	FVI
	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड
22-06-2015	7.21	8.72	64.26	27.03	50.01	0.060
23-06-2015	2.59	2.59	65.59	31.82	50.02	0.050
24-06-2015	0.37	0.37	48.59	51.04	50.05	0.075
25-06-2015	3.67	4.82	39.95	55.23	50.06	0.131
26-06-2015	4.42	5.59	64.35	30.06	50.02	0.061
27-06-2015	5.38	5.42	69.16	25.43	50.01	0.040
28-06-2015	6.35	7.53	68.15	24.32	50.00	0.054

\*NEW & SR grid running in synchronisation.

4. NEW ELEMENTS COMMISSIONED

NIL
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### 5. Maximum Demand Met during the day & Peak Hour Shortage in States (in MW)

Region	Date	22-06-2015		23-06-2015		24-06-2015		25-06-2015		26-06-2015		27-06-2015		28-06-2015	
	States	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage
NR	Punjab	10440	0	9795	0	8748	0	8656	0	9534	0	10065	0	9938	0
	Haryana	7973	32	7547	0	7167	0	7561	27	7184	82	7873	44	7841	0
	Rajasthan	8426	0	8220	0	7791	0	7168	0	7319	0	7645	0	7722	0
	Delhi	5139	0	5419	3	5122	0	4292	0	4775	0	4832	0	5250	41
	UP	12253	3465	12585	2925	12143	2900	10793	2150	12046	2595	12086	3190	12566	1850
	Uttarakhand	1768	40	1803	40	1824	40	1416	75	1520	185	1755	85	1739	40
	HP	1126	35	1202	0	1227	0	1150	0	1204	3	1253	0	1207	0
	J&K	1814	454	1884	471	1850	463	1911	478	1905	476	1905	476	1927	482
Chandigarh	311	0	305	0	302	0	265	0	288	0	279	0	303	0	
WR	Chhattisgarh	2675	96	2893	96	3046	96	2833	0	3036	0	3100	96	2914	96
	Gujarat	12017	21	11620	0	8873	0	10003	0	10793	0	11139	0	10729	0
	MP	5780	0	5804	0	5347	0	5475	0	5776	0	6012	0	5987	0
	Maharashtra	14961	33	15444	33	15056	37	15793	35	16018	34	16674	30	16646	41
	Goa	464	0	450	0	407	0	459	0	411	0	417	0	391	0
	DD	281	0	281	0	259	0	287	0	291	0	299	0	279	0
	DNH	690	0	681	0	642	0	691	0	702	0	713	0	713	0
	Essar steel	452	0	451	0	405	0	421	0	448	0	459	0	398	0
SR	Andhra Pradesh	5490	0	5996	0	5885	0	6253	0	6050	0	6310	0	6620	0
	Telangana	5074	0	5308	0	5360	0	5313	0	5522	0	5379	0	5236	0
	Karnataka	7243	300	7022	400	7354	400	7744	300	7608	300	7471	0	7325	400
	Kerala	3037	0	3088	200	3190	0	3257	125	2785	128	2758	0	2969	0
	Tamil Nadu	11685	1264	12354	568	13249	0	13507	393	13085	0	12949	0	12004	0
	Pondy	340	0	333	0	350	0	329	0	325	0	332	0	318	0
ER	Bihar	2723	200	2840	100	2768	100	2881	150	2869	200	2804	0	2657	0
	DVC	2584	0	2669	0	2675	0	2719	0	2716	0	2593	0	2631	0
	Jharkhand	981	0	1079	0	1067	0	1039	0	1062	0	980	0	859	0
	Odisha	3355	0	3481	80	3856	0	3934	0	4099	0	3856	0	3776	0
	West Bengal	6818	0	6826	0	7021	0	7013	11	6048	0	5759	0	6313	0
	Sikkim	95	0	84	0	91	0	93	0	89	0	79	0	81	0
NER	Arunachal Pradesh	100	1	108	2	108	2	108	2	102	1	101	2	91	6
	Assam	1219	185	1210	145	1250	145	1279	143	1283	152	1283	111	1200	174
	Manipur	118	2	130	1	130	1	133	2	129	1	131	1	138	3
	Meghalaya	260	2	274	1	274	1	295	5	250	5	252	3	250	0
	Mizoram	69	3	71	1	71	1	73	1	73	1	74	1	65	1
	Nagaland	96	2	109	1	109	1	103	1	114	1	98	2	99	4
	Tripura	224	2	224	2	228	2	225	1	218	2	223	2	208	1

## 6. Energy Consumption in States (MUs)

Region	States	22-06-2015	23-06-2015	24-06-2015	25-06-2015	26-06-2015	27-06-2015	28-06-2015
NR	Punjab	223.9	195.0	188.9	184.2	202.3	217.8	222.4
	Haryana	157.5	152.6	151.0	138.5	157.0	163.1	162.1
	Rajasthan	186.3	184.2	170.8	152.9	159.9	165.1	174.1
	Delhi	105.7	106.6	104.3	91.2	95.8	100.1	101.4
	UP	286.3	290.1	278.0	233.2	254.3	275.6	264.5
	Uttarakhand	36.3	39.8	39.2	31.4	32.7	37.3	37.7
	HP	23.9	25.2	25.5	24.0	24.8	26.1	25.5
	J&K	36.5	36.3	33.6	34.4	36.9	37.7	36.9
	Chandigarh	5.9	6.0	6.0	5.5	5.7	5.7	5.5
WR	Chhattisgarh	61.5	62.9	68.3	67.3	64.5	69.6	70.4
	Gujarat	263.3	251.5	188.5	207.8	233.2	245.5	243.7
	MP	122.7	121.9	115.2	104.5	114.5	120.7	122.4
	Maharashtra	330.2	334.5	325.2	348.1	353.7	375.2	376.3
	Goa	9.4	9.8	9.1	10.0	9.7	8.8	9.0
	DD	6.1	6.3	5.0	6.4	6.5	6.7	6.4
	DNH	14.3	15.5	13.0	16.0	16.3	16.6	16.5
	Essar steel	8.2	8.7	7.7	7.7	9.2	9.2	8.3
SR	Andhra Pradesh	117.4	129.4	137.7	138.8	143.5	132.2	138.9
	Telangana	101.2	110.2	117.4	116.6	119.1	118.7	117.6
	Karnataka	138.0	141.2	144.4	152.4	157.8	154.3	151.6
	Kerala	50.8	57.9	60.0	59.4	55.0	52.8	51.2
	Tamil Nadu	259.8	278.9	281.7	278.6	294.2	292.5	275.7
	Pondy	6.9	7.2	7.3	7.1	7.4	7.1	6.8
ER	Bihar	54.8	56.4	59.9	56.9	57.7	50.6	39.3
	DVC	59.7	60.4	60.9	62.8	62.0	59.7	56.3
	Jharkhand	20.5	20.1	20.2	23.9	21.9	20.4	20.1
	Odisha	64.4	72.6	70.2	72.5	79.7	76.2	77.2
	West Bengal	129.9	130.6	132.2	129.1	126.7	122.8	120.3
	Sikkim	1.0	1.2	1.2	1.3	1.4	1.5	1.3
NER	Arunachal Pradesh	1.4	1.8	1.2	1.2	1.2	1.3	1.1
	Assam	22.8	22.5	24.5	26.2	24.7	23.3	24.0
	Manipur	1.8	2.0	1.9	2.1	2.1	1.6	1.9
	Meghalaya	4.3	4.4	4.9	4.7	4.0	4.4	4.7
	Mizoram	1.0	1.2	1.2	1.2	1.2	1.1	1.1
	Nagaland	1.7	1.6	1.6	1.7	1.9	1.5	2.0
	Tripura	2.8	3.2	3.2	3.0	2.8	2.9	3.0
<b>ALL INDIA TOTAL</b>		<b>2918.3</b>	<b>2949.7</b>	<b>2861.0</b>	<b>2802.3</b>	<b>2941.1</b>	<b>3005.6</b>	<b>2977.2</b>

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (22 जून से 28 जून -2015 तक) [2]  
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

7. अंतर्क्षेत्रीय विनिमय [प्रथम क्षेत्र से द्वितीय क्षेत्र को आयात (+) / निर्यात (-) ]

दिनांक	22-06-2015	23-06-2015	24-06-2015	25-06-2015	26-06-2015	27-06-2015	28-06-2015
East to North	-49.0	-47.5	-38.0	-33.0	-44.8	-50.0	-55.0
East to West	-7.1	-9.6	-4.3	-2.9	-5.8	-8.0	-3.3
East to South	-50.0	-51.4	-66.0	-65.0	-63.0	-63.0	-62.0
East to North-East	-3.0	-0.3	-1.0	1.0	2.2	4.0	5.0
West to North	-46.0	-43.0	-39.2	-27.6	-44.4	-38.6	-35.0
West to South	-32.8	-39.6	-42.9	-40.9	-39.2	-38.8	-38.5

भूटान , नेपाल एवं बांग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH								
साप्ताहिक रिपोर्ट (22 जून से 28 जून -2015 तक)								
अंतरराष्ट्रीय विद्युत विनिमय [भारत से दूसरे देश को आयात (+) / निर्यात (-)] Transnational Exchange from India (Import=(+ve) /Export =(-ve))								
दिनांक Date	भूटान BHUTAN		नेपाल NEPAL			बांग्लादेश BANGLADESH		
	Energy Exchange (In MU)	Day Average (MW)	Energy Exchange (In MU)	Day Peak (MW)	Day Average (MW)	Energy Exchange (In MU)	Day Peak (MW)	Day Average (MW)
22-06-2015	19.5	811	-3.2	-172	-133	-10.8	-453	-452
23-06-2015	32.9	1369	-3.3	-123	-138	-10.6	-455	-442
24-06-2015	33.8	1409	-3.9	-179	-163	-10.6	-453	-442
25-06-2015	32.2	1340	-3.4	-192	-142	-10.9	-452	-452
26-06-2015	31.9	1331	-3.3	-184	-137	-10.7	-453	-445
27-06-2015	32.6	1360	-2.8	-159	-117	-11.4	-474	-473
28-06-2015	33.9	1411	-3.1	-176	-129	-10.0	-449	-416
कुल Total	216.7		-23.0			-74.9		

**8). Major Grid Incidences(Provisional):-**

Region	Name of Element	Owner / Agency	Outage		Revival		Outage Duration	Event	Generation Loss(MW)	Load Loss	Category as per CEA Grid
			Date	Time	Date	Time	Time				
NER	132 kV Lumshnong-Panchgram	MePTCL & AEGCL	22-Jun-15	21:12	22-Jun-15	21:46	0:34	Lumshnong area of Meghalaya was connected with rest of NER Grid through 132 kV Panchgram -Lumshong line (132 kV Khliehriat (ME)- Lumshong line was open for system requirement). At 2112 Hrs on 22.06.15, 132 kV Panchgram -Lumshong line tripped. Due to tripping of this element, Lumshong area separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	0	12	GD-1
NER	1) 132 kV Loktak-Ningthoukhong 2)132 kV Ningthoukhong-Imphal(PG)	MePTCL/ MSPCL & POWERGRID	24-Jun-15	10:27	24-Jun-15	11:51	1:24	Ningthoukhong area of Manipur was connected with rest of NER Grid through 132 kV Loktak-Ningthoukhong line & 132 kV Imphal(PG)-Ningthoukhong line (132 kV Kakching-Kongba line kept open for system constraint). At 1027 Hrs on 24.06.15, 132 kV Loktak-Ningthoukhong line & 132 kV Imphal(PG)-Ningthoukhong line tripped. Due to tripping of these elements, Ningthoukhong area separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	19	GD-1
NER	132 kV Dimapur (PG) - Kohima	POWERGRID & DoP Nagaland	26-Jun-15	9:50	26-Jun-15	9:56	0:06	Capital area of Nagaland was connected with rest of NER Grid through 132 kV Dimapur(PG)-Kohima line (132 kV Kohima-Karong line & 66 kV Tuensang-Mokukchung line kept open for system requirement). At 0950 Hrs on 26.06.15,132 kV Dimapur(PG)-Kohima line tripped. Due to tripping of this element, Capital area separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	28	GD-1
NER	132 kV Lumshnong - Panchgram	MePTCL & AEGCL	26-Jun-15	17:49	26-Jun-15	18:05	0:16	Lumshnong area of Meghalaya was connected with rest of NER Grid through 132 kV Panchgram -Lumshong line (132 kV Khliehriat (ME)- Lumshong line was open for system requirement). At 1749 Hrs on 26.06.15, 132 kV Panchgram -Lumshong line tripped. Due to tripping of this element, Lumshong area separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	0	14	GD-1
NER	132 kV Khliehriat (PG) - Khliehriat (MePTCL) I 132 kV Khliehriat (PG) - Khliehriat (MePTCL) II	POWERGRID/ MePTCL	26-Jun-15	19:18	26-Jun-15	19:31	0:13	Khliehriat area of Meghalaya was connected with rest of NER Grid through 132 kV Khliehriat (PG)-Khliehriat (MePTCL) I & II lines. (132 kV Panchgram-Lumshong line, 132 kV NEHU-Umiam line & 132 kV NEHU-Mawlai line was kept open for system requirement). At 1918 Hrs on 26.06.15,132 kV Khliehriat (PG)-Khliehriat (MePTCL) I & II lines tripped. Due to tripping of these elements, Khliehriat area separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	126	52	GD-1
NER	132 kV Lekhi - Nirjuli	POWERGRID/ DoP, AP	27-Jun-15	4:20	27-Jun-15	4:39	0:19	Capital area of Arunachal Pradesh and Gohpur area of Assam were connected with rest of NER Grid through 132 kV Lekhi- Nirjuli line. At 0420 Hrs on 27.06.15, 132 kV Lekhi -Nirjuli line tripped. Due to tripping of this element, Capital area & Gohpur area were separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	45	GD-1
NER	1)132 kV Ningthoukong - Imphal(PG) 2)132 kV Loktak - Ningthoukhong	MSPCL & POWERGRID MePTCL	28-Jun-15	8:26	28-Jun-15	8:55	0:29	Ningthoukhong area of Manipur was connected with rest of NER Grid through 132 kV Loktak-Ningthoukhong line & 132 kV Imphal(PG)-Ningthoukhong line (132 kV Kakching-Kongba line kept open for system constraint). At 0826 Hrs on 28.06.15, 132 kV Loktak-Ningthoukhong line & 132 kV Imphal(PG)-Ningthoukhong line tripped. Due to tripping of these elements, Ningthoukhong area separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	21	GD-1

\* GE: Grid Event (Not covered in GD & DI)