



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

(A wholly owned subsidiary of POWERGRID)

CIN No.: U40105DL2009GOI188682

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

Ref:POSOCO/NLDC/SO/Weekly Report

Date: 17<sup>th</sup> June 2016

To,

1. महाप्रबंधक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, 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., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलोंग - 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 6<sup>th</sup> June to 12<sup>th</sup> June 2016.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, 6 जून से 12 जून 2016, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 6<sup>th</sup> June to 12<sup>th</sup> June 2016, is available at the NLDC website, at the following link.

<http://posoco.in/WebsiteData/Reports/WeeklyReports/2016-2017/Weekly%20060616%20to%20120616.pdf>

Thanking You.

Yours faithfully,

DGM (SO)

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (06 जून से 12 जून - 2016 तक)

रिपोर्टिंग तिथि:- 8-Jun-16

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

1. अधिकतम मांग आपूर्ति और आधिकतम कमी (मे०वा०)

क्षेत्र	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी
	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)
06-06-2016	43750	450	43230	28	35266	200	17941	300	2337	100	142523	1078
07-06-2016	43422	497	42933	45	34485		18063	300	2299	161	141202	1003
08-06-2016	43617	789	42522	130	33594		18121	150	2354	120	140208	1189
09-06-2016	43462	808	42991	137	34688		17559	100	2390	142	141090	1187
10-06-2016	42757	764	42002		34534		17974		2247	228	139514	992
11-06-2016	39325	545	41853	51	33658		18145	100	2217	252	135199	948
12-06-2016	42126	2127	39640	68	32732		16457		2235	125	133190	2320

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०यू०)

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
	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)
06-06-2016	1052	305	1013	14	769	32	390	43	41	17	3265	409
07-06-2016	1049	303	1028	13	767	34	388	47	44	17	3276	415
08-06-2016	1067	298	1026	16	746	29	390	40	43	17	3273	400
09-06-2016	1065	292	1034	14	746	36	386	35	44	17	3275	395
10-06-2016	1062	295	1012	14	760	34	389	39	43	18	3266	400
11-06-2016	1012	298	999	15	754	29	393	39	42	18	3200	398
12-06-2016	1029	301	960	19	736	29	385	39	40	18	3150	405

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
06-06-2016	3.98	3.98	74.17	21.85	50.01	0.031
07-06-2016	2.95	2.95	73.23	23.82	50.01	0.033
08-06-2016	3.54	3.70	69.83	26.47	50.01	0.035
09-06-2016	4.56	4.56	75.07	20.37	50.00	0.033
10-06-2016	4.56	4.56	75.07	20.37	50.00	0.033
11-06-2016	3.47	3.59	71.97	24.44	50.01	0.035
12-06-2016	3.47	3.59	71.97	24.44	50.01	0.044

\*NEW & SR grid running in synchronisation.

4. NEW ELEMENTS COMMISSIONED

1. 400 kV Ektuni-Taptithanda-1 first time charged on 08.06.16 at 1806 hrs
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### 5. Maximum Demand Met during the day & Peak Hour Shortage in States (in MW)

Region	Date	06-06-2016		07-06-2016		08-06-2016		09-06-2016		10-06-2016		11-06-2016		12-06-2016	
	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	7481	0	7202	0	5959	0	7173	0	7574	0	8336	0	7973	0
	Haryana	7255	0	7397	0	7462	0	7292	0	7015	0	6542	0	6806	0
	Rajasthan	9712	0	9687	0	9682	0	9837	0	9562	0	9353	0	8868	0
	Delhi	5925	62	5659	15	5829	4	5666	0	5989	0	5172	0	4883	0
	UP	14652	0	14861	0	14899	0	15057	0	15019	0	14883	0	14860	0
	Uttarakhand	1775	0	1662	40	1815	40	1771	40	1821	75	1815	75	1743	0
	HP	1193	0	1105	0	1165	0	1178	0	1214	0	1248	0	1149	0
	J&K	1935	484	1686	297	1813	453	1873	468	1898	475	1804	451	1769	442
	Chandigarh	344	0	271	0	271	0	253	0	312	0	267	0	283	0
WR	Chhattisgarh	3104	0	2985	0	2952	0	3206	0	3185	0	3164	0	3046	0
	Gujarat	15137	16	14978	0	14844	0	14877	0	14962	0	14766	0	13483	9
	MP	7283	0	7279	0	7256	0	7196	0	7122	0	6959	0	6706	0
	Maharashtra	18022	0	19137	0	19053	208	18997	0	17904	0	17649	0	16961	0
	Goa	474	0	433	0	391	30	409	30	420	0	430	0	372	0
	DD	319	0	319	0	318	0	315	0	375	0	324	0	289	0
	DNH	753	0	757	0	741	0	772	0	753	0	755	0	744	0
	Essar steel	482	0	489	0	509	0	437	0	430	0	506	0	512	0
SR	Andhra Pradesh	5959	0	5787	0	5715	0	6118	0	6243	0	6331	0	6230	0
	Telangana	5410	0	5671	0	5610	0	5664	0	5886	0	5559	0	5344	0
	Karnataka	8013	0	7626	0	7337	0	6917	0	6804	200	6971	0	6441	0
	Kerala	3496	0	3292	0	3154	0	3226	0	2846	0	2998	0	3121	0
	Tamil Nadu	13521	0	13429	0	12887	0	13058	0	13450	0	13542	0	13267	0
	Pondy	338	0	338	0	338	0	348	0	350	0	349	0	352	0
ER	Bihar	3510	100	3509	150	3449	150	3389	100	3431	0	3474	150	3260	200
	DVC	2855	0	2738	150	3173	0	2673	0	2882	0	2846	0	2766	0
	Jharkhand	1026	0	1027	0	1005	0	954	0	992	0	1108	0	1059	0
	Odisha	3911	0	3842	0	3542	0	3270	0	3922	0	3691	0	3837	0
	West Bengal	7655	0	7678	0	7849	0	8001	0	7482	0	7597	0	7349	0
	Sikkim	94	0	89	0	96	0	90	0	83	0	91	0	72	0
NER	Arunachal Pradesh	116	1	108	1	108	1	111	1	111	1	106	6	98	11
	Assam	1437	36	1453	94	1484	64	1454	77	1454	83	1450	110	1427	40
	Manipur	133	1	124	0	123	1	123	1	123	1	130	2	131	3
	Meghalaya	275	0	253	0	263	0	330	0	262	0	274	0	253	0
	Mizoram	72	1	72	1	74	1	75	0	75	0	72	3	69	6
	Nagaland	110	0	110	0	110	2	119	0	119	0	109	1	104	6
	Tripura	252	3	243	1	240	3	241	0	243	2	188	18	204	7

## 6. Energy Consumption in States (MUs)

Region	States	06-06-2016	07-06-2016	08-06-2016	09-06-2016	10-06-2016	11-06-2016	12-06-2016
NR	Punjab	162.6	154.7	164.8	157.9	167.1	162.7	183.2
	Haryana	141.7	143.4	153.1	152.4	141.7	127.4	137.4
	Rajasthan	209.1	217.5	216.8	213.5	213.8	204.0	190.0
	Delhi	120.4	119.5	116.1	118.1	114.0	99.0	99.5
	UP	317.5	317.6	315.0	318.8	321.4	313.3	317.2
	Uttarakhand	34.5	35.2	38.6	38.9	39.0	39.5	38.0
	HP	24.2	23.9	24.2	25.2	25.5	26.1	24.6
	J&K	35.9	32.0	33.1	34.5	33.6	34.0	33.2
Chandigarh	6.5	5.7	5.7	5.3	5.7	5.5	5.3	
WR	Chhattisgarh	73.5	72.9	70.4	79.5	75.5	74.2	71.4
	Gujarat	325.6	327.8	325.8	329.2	329.3	320.8	308.3
	MP	167.5	163.9	163.3	163.0	159.1	158.5	151.9
	Maharashtra	403.2	419.4	425.0	420.5	406.3	401.1	387.2
	Goa	10.2	9.7	8.6	8.6	9.0	9.0	8.2
	DD	7.0	7.1	7.1	7.1	7.0	7.1	6.1
	DNH	17.3	17.2	16.2	17.4	17.4	17.5	17.1
	Essar steel	8.5	9.7	9.9	8.9	8.8	10.3	9.9
SR	Andhra Pradesh	131.2	128.1	121.3	128.5	132.2	132.8	136.8
	Telangana	118.8	116.6	115.9	121.2	126.0	117.8	117.6
	Karnataka	160.2	163.4	153.9	145.0	143.7	137.9	131.7
	Kerala	63.6	62.8	60.4	60.5	58.6	57.4	54.8
	Tamil Nadu	287.7	288.8	286.3	283.0	292.0	300.8	287.9
	Pondy	7.3	7.6	7.7	7.4	7.6	7.6	7.4
ER	Bihar	73.6	70.5	69.2	69.1	70.4	71.4	66.3
	DVC	63.2	62.8	62.6	61.9	61.8	62.1	60.7
	Jharkhand	23.6	22.1	21.2	19.9	18.8	22.4	22.2
	Odisha	78.7	77.5	78.4	73.3	79.6	81.4	81.2
	West Bengal	149.9	153.8	157.2	160.5	157.0	154.7	153.7
	Sikkim	1.4	1.5	1.6	1.5	1.4	1.3	1.1
NER	Arunachal Pradesh	1.8	1.8	2.1	1.8	2.0	1.8	1.8
	Assam	26.3	28.7	27.8	28.9	27.4	27.7	25.8
	Manipur	1.9	1.8	1.8	1.8	1.8	2.1	2.0
	Meghalaya	4.0	4.5	4.7	4.4	4.8	4.8	4.6
	Mizoram	1.2	1.2	1.2	1.1	1.2	1.2	1.1
	Nagaland	1.8	1.9	1.5	1.7	1.3	1.5	1.6
	Tripura	4.1	3.9	3.7	3.9	4.1	3.2	3.1
<b>ALL INDIA TOTAL</b>		<b>3265.3</b>	<b>3276.3</b>	<b>3272.1</b>	<b>3274.3</b>	<b>3265.8</b>	<b>3200.0</b>	<b>3149.7</b>

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

साप्ताहिक रिपोर्ट (06 जून से 12 जून - 2016 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	06-06-2016	07-06-2016	08-06-2016	09-06-2016	10-06-2016	11-06-2016	12-06-2016
East to North	-36.9	-40.0	-42.0	-44.8	-36.6	-34.4	-39.8
East to West	-14.7	-20.0	-23.0	-20.0	-15.2	-5.7	-6.2
East to South	-49.3	-56.0	-51.0	-51.3	-52.4	-59.2	-49.7
East to North-East	0.9	-1.0	0.0	1.6	1.6	1.6	4.7
North to North-East	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West to North	110.0	131.5	134.8	139.0	132.5	131.1	134.2
West to South	-56.2	-61.0	-52.3	-55.6	-50.1	-55.7	-57.2

**भूटान , नेपाल एव बांग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL  
EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH**

**साप्ताहिक रिपोर्ट (06 जून से 12 जून - 2016 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)
06-06-2016	9.3	388	-4.9	-257	-205	-12.9	-564	-539
07-06-2016	14.1	588	-5.0	-264	-210	-12.1	-550	-503
08-06-2016	12.7	530	-6.0	-304	-252	-12.6	-555	-525
09-06-2016	12.5	523	-4.5	-238	-188	-12.7	-559	-531
10-06-2016	10.4	433	-4.7	-249	-196	-12.8	-567	-533
11-06-2016	8.4	349	-5.5	-230	-229	-12.6	-555	-525
12-06-2016	9.0	376	-5.0	-210	-210	-12.5	-558	-522
कुल Total	76.5		-35.7			-88.3		

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

S.No.	Region	Name of Elements	Owner / Agency	Outage		Revival		Outage Duration	Event	Generation Loss(MW)	Load Loss(MW)	Category as per CEA Grid
				Date	Time	Date	Time	Time				
1	NR	1)400 kV Vishnuprayag-Alaknanda 2)400 kV Vishnuprayag-Muzaffarpur	Uttarakhand	06.06.16	12:35	06.06.16	13:37	01:02	400kV Vishnuprayag-Alkhnanda & 400kV Vishnuprayag-Muzaafarnagar tripped at 12:35 hrs. and were restored at 12:55 & 13:37 hrs. Total Gen loss-440MW at Vishnuprayag and 180MW at Alkhnanda.	620	0	GD-I
2	NR	1) 765 kV Fatehpur-Sasaram 2) 765 kV Fatehpur-Varanasi 3) 765 kV Fatehpur-Agra-I 4) 765 kV Fatehpur-Agra-II 5) 400 kV Fatehpur-Mainpuri-I 6) 400 kV Fatehpur-Allahabad-II	PG	07.06.16	16:32	07.06.16	22:46	06:14	A severe thunderstorm struck 765/400kV Fatehpur S/S at around 1630hrs. 765kv Fatehpur-Sasaram and 765 kV Fatehpur-Varanasi lines were hand tripped on observing heavy sparking in CVT jumpers at 1632hrs & 1635hrs at Fatehpur end. 400kV Fatehpur-Mainpuri-I line tripped on R-N fault at 1635hrs and 400kV Fatehpur-Allahabad-II line tripped on R-N fault at 1635hrs. Later 765kv Fatehpur-Agra-I & II lines also taken under forced s/d due to continuous sparking observed in CVT jumpers at 1715hrs and 1702hrs respectively. Following damage is reported on first sight at Fatehpur station. All 3-ph CVT jumpers broken in 765 kV Varanasi & Sasaram lines, Y&B-ph CVT jumper broken in Agra-II line and Y-ph CVT jumper broken in Agra-I line.	0	0	GI-II
3	NR	1) 220 kV Samaypur S/S 2) 220 kV Ballabgarh S/S 3) 220 kV Badarpur TPS	PG/BBMB/N TPC	09.06.16	14:27	09.06.16	16:25	01:58	At 14:27 hrs, due to CT blast of 220kV Samaypur-Palwal –I at Samaypur(BBMB) all four 400/220kV ICTs of Ballabgarh (PG) tripped and load loss took place in Delhi, Haryana and UP. The frequency shot up to 50.37 Hz from 49.89 Hz due to sudden loss of load of approx. 4000 MW in NR. There was demand reduction of 1500 MW in Haryana, 1400 MW in Delhi and 1000 MW in UP. All elements restored by 16:25 hrs except 220kV Samaypur-Palwal -I.	0	4000	GD-I
4	ER	1) 400/220 kV Mendhsal S/S	GRIDCO	11.06.16	16:30	11.06.16	16:55	00:25	There was a disturbance in 220 KV system in Orissa resulting in total power failure at Mendhasal S/S, Nayagarh ,Chandaka, Atri and Puri S/S. Appr 490 MW load was lost including traction load at Khurda. All the lines have been restored by 16:55 hrs and all loads were normalised	0	490	GD-I
5	NR	1) 400/220 kV Greater Noida S/S	UP	12.06.16	02:25	12.06.16	07:13	04:48	400KV G. Noida-Nawada & Ballabgarh-Nawada ckt tripped at 02:25hrs while 400KV Dadri-G Noda was already under S/D from 01:05hrs and thereby Nawada & G. Noida s/s became dead. Load loss of 800MW was reported by NRLDC. Generation loss was nil. Power supply was restored after revival of 400KV Dadri-G. Noida ckt at 07:13hrs . These trippings happened due to isolator clamp melt at Nawada end.	0	800	GD-I