



**National Load Despatch Centre**

राष्ट्रीय भार प्रेषण केंद्र

**POWER SYSTEM OPERATION CORPORATION LIMITED**

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम)

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

बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 17<sup>th</sup> August 2017

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., एफ3-, 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 नोंग्रह, लापलंग, शिलोंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. अपर महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
Additional General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 16.08.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-अगस्त-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके की वेबसाइट पर उपलब्ध है

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 16<sup>th</sup> August 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

17-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	54098	43122	37954	19161	2490	156825
Peak Shortage (MW)	2793	33	0	100	16	2943
Energy Met (MU)	1247	917	838	383	45	3430
Hydro Gen(MU)	380	17	38	93	29	557
Wind Gen(MU)	34	85	102	-----	-----	221
Solar Gen (MU)*	3.66	13.47	26.10	1.08	0.02	44
Energy Shortage (MU)	24.7	0.0	0.0	0.3	0.4	25.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	55755	43433	38541	19308	2642	157301

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
All India	0.030	0.00	0.07	4.03	4.10	77.84	18.07

C. Power Supply Position in States

RegionRegion	States	Max. Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)	Energy Shortage (MU)
NR	Punjab	10689	0	240.9	131.6	1.2	187	0.0
	Haryana	8732	795	189.5	121.1	2.2	288	5.6
	Rajasthan	10181	0	212.4	79.2	1.6	360	0.0
	Delhi	5810	16	115.7	91.3	0.0	323	0.2
	UP	17262	1210	374.0	182.1	1.4	595	8.8
	Uttarakhand	1893	75	38.9	13.2	-0.7	101	0.2
	HP	1348	0	27.6	-2.0	2.7	218	0.0
	J&K	2396	599	41.3	14.6	0.6	789	9.8
Chandigarh	328	0	6.4	7.0	-0.6	7	0.0	
WR	Chhattisgarh	3781	0	87.6	27.1	0.2	268	0.0
	Gujarat	11798	0	261.2	56.9	-1.6	402	0.0
	MP	8016	0	172.6	95.2	3.0	752	0.0
	Maharashtra	19998	0	365.1	116.4	0.8	485	0.0
	Goa	401	0	8.1	8.3	-0.3	41	0.0
	DD	320	0	6.3	5.7	0.6	35	0.0
	DNH	725	0	15.4	15.7	-0.3	25	0.0
Essar steel	108	0	1.2	0.6	0.6	145	0.0	
SR	Andhra Pradesh	7023	0	157	38	1.1	607	0.0
	Telangana	7637	0	178	88	-1.3	350	0.0
	Karnataka	8190	0	171	86	3.3	636	0.0
	Kerala	3452	0	66	51	2.1	287	0.0
	Tamil Nadu	12351	0	260	91	0.2	658	0.0
	Pondy	290	0	6	6	-0.4	30	0.0
ER	Bihar	3794	0	72.1	67.8	1.0	190	0.0
	DVC	2723	100	63.2	-25.0	1.1	400	0.3
	Jharkhand	1189	0	23.0	15.2	0.1	150	0.0
	Odisha	4143	0	81.0	25.0	-2.2	230	0.0
	West Bengal	7825	0	142.4	43.8	4.6	350	0.0
	Sikkim	98	0	1.0	1.5	-0.5	0	0.0
NER	Arunachal Pradesh	121	1	2.2	2.9	-0.7	6	0.0
	Assam	1553	0	28.8	21.4	2.5	212	0.3
	Manipur	139	2	2.1	2.2	-0.1	31	0.0
	Meghalaya	254	0	4.5	-2.4	0.0	27	0.0
	Mizoram	73	2	1.4	1.4	0.0	9	0.0
	Nagaland	115	1	2.5	2.4	-0.1	26	0.0
	Tripura	242	3	3.8	3.1	-0.1	44	0.0

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.2	-3.2	-14.7
Day peak (MW)	1554.5	-190.5	-647.6

E. Import/export By Regions(in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	200.3	-185.8	78.9	-84.9	-6.5	2.0
Actual(MU)	202.9	-198.0	76.6	-75.7	-7.1	-1.3
O/D/U/D(MU)	2.5	-12.2	-2.3	9.2	-0.6	-3.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3942	15817	4510	1070	154	25494
State Sector	9345	17898	10444	5785	110	43582
Total	13287	33715	14954	6855	264	69076

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : 17-Aug-17
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
								Import=(+ve) /Export =(-ve) for NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765KV	GAYA-VARANASI	D/C	0	256	0.0	7.1	-7.1
2		SASARAM-FATEHPUR	S/C	0	100	0.0	1.7	-1.7
3		GAYA-BALIA	S/C	0	414	0.0	6.4	-6.4
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.7	-4.7
6	400 KV	PUSAULI-VARANASI	S/C	0	163	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	64	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	912	0.0	15.1	-15.1
9		PATNA-BALIA	Q/C	0	1007	0.0	18.2	-18.2
10		BIHARSHARIFF-BALIA	D/C	0	305	0.0	5.6	-5.6
11		BARH-GORAKHPUR	D/C	0	0	2.3	0.0	2.3
12		BIHARSHARIFF-VARANASI	D/C	0	60	0.0	2.0	-2.0
13	220 KV	PUSAULI-SAHUPURI	S/C	0	143	0.0	3.2	-3.2
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>2.7</b>	<b>63.9</b>	<b>-61.2</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	28	4.1	0.0	4.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	130	4.2	0.0	4.2
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	17	1.2	0.0	1.2
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.2	0.0	1.2
22		IBEUL-RAIGARH	S/C	0	0	1.2	0.0	1.2
23		STERLITE-RAIGARH	D/C	0	103	0.0	0.3	-0.3
24		RANCHI-SIPAT	D/C	0	0	5.0	0.0	5.0
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	83	0.0	0.6	-0.6
26		BUDHIPADAR-KORBA	D/C	0	0	4.0	0.0	4.0
<b>ER-WR</b>						<b>20.9</b>	<b>0.9</b>	<b>20.0</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.6	-13.6
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	380.5	0.0	12.0	-12.0
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1657.1	0.0	26.4	-26.4
30	400 KV	TALCHER-I/C	D/C	0.0	1069.0	0.0	10.0	-10.0
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>51.9</b>	<b>-51.9</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	990	0.0	4.3	-4
33		ALIPURDUAR-BONGAIGAON	D/C	0	778	0.0	5.5	-6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
<b>ER-NER</b>						<b>0.0</b>	<b>9.8</b>	<b>-9.8</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1000	0.0	19.2	-19.2
<b>NER-NR</b>						<b>0.0</b>	<b>19.2</b>	<b>-19.2</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	#VALUE!	1500	0.0	22.8	-22.8
37		V'CHAL B/B	D/C	500	0	10.5	0.0	10.5
38		APL -MHG	D/C	0	2517	0.0	42.7	-42.7
39	765 KV	GWALIOR-AGRA	D/C	0	2334	0.0	44.6	-44.6
40		PHAGI-GWALIOR	D/C	0	960	0.0	19.4	-19.4
41	400 KV	ZERDA-KANKROLI	S/C	135	86	0.0	0.5	-0.5
42		ZERDA -BHINMAL	S/C	135	171	0.1	0.0	0.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	344	0	2	-2
45	220 KV	BADOD-KOTA	S/C	19	48	0.0	0.6	-0.6
46		BADOD-MORAK	S/C	0	86	0.0	1.5	-1.5
47		MEHGAON-AURAIYA	S/C	49	0	0.7	0.0	0.7
48		MALANPUR-AURAIYA	S/C	13	16	0.1	0.1	-0.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>11.3</b>	<b>134.6</b>	<b>-123.3</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	600	0.0	12.1	-12.1
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1485	0.0	21.3	-21.3
53		WARDHA-NIZAMABAD	D/C	0	1236	0.0	23.4	-23.4
54	400 KV	KOLHAPUR-KUDGI	D/C	384	215	3.1	0.3	2.9
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	73	0	1.5	0.0	1.5
<b>WR-SR</b>						<b>4.7</b>	<b>57.1</b>	<b>-52.5</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>35.2</b>
59		NEPAL						<b>-3.2</b>
60		BANGLADESH						<b>-14.7</b>