



**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: 25<sup>th</sup> August 2017

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. कार्यकारी निदेशक, ऊ.क्षे.भा.प्रे.के., 18/ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093  
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतेह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006  
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 23.08.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-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 24 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

25-Aug-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	52816	42338	36614	19774	2484	154026
Peak Shortage (MW)	2158	42	0	0	207	2407
Energy Met (MU)	1197	964	865	394	47	3467
Hydro Gen(MU)	337	16	49	109	26	537
Wind Gen(MU)	19	58	92	-----	-----	169
Solar Gen (MU)*	3.44	10.73	23.30	1.51	0.00	39
Energy Shortage (MU)	9.9	0.0	0.0	0.0	1.6	11.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53506	42652	37918	19815	2538	154944

**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	0.026	0.00	0.00	3.26	3.26	82.81	13.92

**C. Power Supply Position in States**

Region	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	9964	0	216.8	118.0	-0.4	95	0.0	
	Haryana	8414	236	175.4	111.8	5.5	765	0.2	
	Rajasthan	9290	0	209.4	71.6	1.4	463	0.0	
	Delhi	5441	0	111.4	86.6	-1.0	169	0.1	
	UP	16757	955	372.5	183.6	1.8	301	0.0	
	Uttarakhand	1886	0	39.1	11.2	0.2	99	0.0	
	HP	1293	0	26.5	0.1	1.5	165	0.1	
	J&K	1924	481	40.4	13.7	0.7	182	9.6	
	Chandigarh	261	0	5.2	5.8	-0.5	0	0.0	
	WR	Chhattisgarh	3692	0	86.0	22.2	-0.4	147	0.0
Gujarat		12354	0	272.0	60.8	-1.6	364	0.0	
MP		7594	0	169.4	92.3	0.7	396	0.0	
Maharashtra		17720	0	397.2	113.2	0.2	326	0.0	
Goa		389	0	8.0	8.5	-0.5	55	0.0	
DD		329	0	7.4	6.4	1.0	84	0.0	
DNH		751	0	17.1	15.9	1.2	176	0.0	
Essar steel		379	0	7.3	6.9	0.4	172	0.0	
SR		Andhra Pradesh	6515	0	151	25	4.6	703	0.0
		Telangana	8271	0	173	86	0.4	607	0.0
	Karnataka	8003	0	170	65	3.5	549	0.0	
	Kerala	3392	0	67	46	1.9	380	0.0	
	Tamil Nadu	13558	0	297	125	13.2	644	0.0	
	Pondy	343	0	7	7	-0.2	24	0.0	
ER	Bihar	4285	0	81.1	75.5	2.3	250	0.0	
	DVC	2726	0	52.9	-21.0	1.4	350	0.0	
	Jharkhand	1192	0	23.6	16.7	-0.8	200	0.0	
	Odisha	4079	0	85.3	24.0	2.0	400	0.0	
	West Bengal	8064	0	150.2	56.2	2.5	200	0.0	
	Sikkim	84	0	1.0	1.2	-0.2	20	0.0	
NER	Arunachal Pradesh	113	2	2.0	2.0	0.0	20	0.0	
	Assam	1559	117	28.6	23.1	1.0	356	1.2	
	Manipur	132	2	2.2	2.1	0.1	96	0.0	
	Meghalaya	276	0	5.5	-1.8	0.3	45	0.0	
	Mizoram	68	3	1.2	1.3	-0.2	25	0.0	
	Nagaland	113	1	2.2	1.6	0.4	41	0.0	
	Tripura	275	30	5.0	2.9	1.1	142	0.2	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.1	-6.0	-14.9
Day peak (MW)	1541.2	-303.5	-640.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	204.4	-205.0	66.2	-72.3	10.0	3.3
Actual(MU)	199.4	-218.9	71.6	-62.8	12.3	1.7
O/D/U/D(MU)	-4.9	-13.9	5.4	9.5	2.3	-1.6

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3812	17133	5350	2080	1168	29543
State Sector	8095	17510	10922	5495	110	42132
Total	11907	34643	16272	7575	1278	71675

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

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

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 25-Aug-17
								Import-(+ve) /Export =(-ve) for NET (MU)
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765KV	GAYA-VARANASI	D/C	0	271	0.0	6.6	-6.6
2		SASARAM-FATEHPUR	S/C	0	114	1.5	0.0	1.5
3		GAYA-BALIA	S/C	0	337	0.0	5.8	-5.8
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.6	-4.6
6	400 KV	PUSAULI-VARANASI	S/C	0	181	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	55	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	693	0.0	11.2	-11.2
9		PATNA-BALIA	Q/C	0	1042	0.0	21.0	-21.0
10		BIHARSHARIFF-BALIA	D/C	0	254	0.0	4.6	-4.6
11		BARH-GORAKHPUR	D/C	0	0	3.2	0.0	3.2
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.6	-0.6	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	133	0.0	2.2	-2.2
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>5.0</b>	<b>56.6</b>	<b>-51.6</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.2	0.0	12.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	9.5	0.0	9.5
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	14	2.4	0.0	2.4
21		JHARSUGUDA-RAIGARH	S/C	0	20	1.9	0.0	1.9
22		IBEUL-RAIGARH	S/C	0	0	1.9	0.0	1.9
23		STERLITE-RAIGARH	D/C	0	0	3.5	0.0	3.5
24		RANCHI-SIPAT	D/C	0	0	5.8	0.0	5.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	91	0.0	1.4	-1.4
26		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6
<b>ER-WR</b>						<b>40.8</b>	<b>1.4</b>	<b>39.5</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.9	-12.9
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	312.3	0.0	14.2	-14.2
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2502.6	0.0	36.1	-36.1
30	400 KV	TALCHER-I/C	D/C	0.0	1303.7	0.0	21.3	-21.3
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>63.1</b>	<b>-63.1</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1167	0.0	7.9	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	929	0.0	8.8	-9
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.5	-3
<b>ER-NER</b>						<b>0.0</b>	<b>19.2</b>	<b>-19.2</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	9.0	-9.0
<b>NER-NR</b>						<b>0.0</b>	<b>9.0</b>	<b>-9.0</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	21.4	-21.4
37		VCHAL B/B	D/C	500	150	4.8	1.0	3.8
38		APL -MHG	D/C	0	2217	0.0	49.3	-49.3
39	765 KV	GWALIOR-AGRA	D/C	0	2646	0.0	50.1	-50.1
40		PHAGI-GWALIOR	D/C	0	1138	0.0	20.9	-20.9
41	400 KV	ZERDA-KANKROLI	S/C	115	110	0.1	0.0	0.1
42		ZERDA -BHINMAL	S/C	110	163	0.0	0.8	-0.8
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	289	0	1	-1
45	220 KV	BADOD-KOTA	S/C	75	31	0.5	0.1	0.4
46		BADOD-MORAK	S/C	23	76	0.0	0.6	-0.5
47		MEHGAON-AURAIYA	S/C	54	0	0.8	0.0	0.8
48		MALANPUR-AURAIYA	S/C	13	25	0.1	0.1	0.0
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>6.4</b>	<b>145.5</b>	<b>-139.1</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	12.0	-12.0
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1462	0.0	22.3	-22.3
53		WARDHA-NIZAMABAD	D/C	0	1089	0.0	16.2	-16.2
54	400 KV	KOLHAPUR-KUDGI	D/C	613	0	7.2	0.0	7.2
55		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56	220 KV	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>8.7</b>	<b>50.5</b>	<b>-41.8</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>36.1</b>
59		NEPAL						<b>-6.0</b>
60		BANGLADESH						<b>-14.9</b>