



**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: 03<sup>rd</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 02.08.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02-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 02<sup>nd</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

3-Aug-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48454	40866	38533	18510	2523	148886
Peak Shortage (MW)	1032	75	0	25	154	1286
Energy Met (MU)	1057	956	916	405	48	3382
Hydro Gen(MU)	327	16	42	106	24	515
Wind Gen(MU)	40	106	149	-----	-----	295
Solar Gen (MU)*	2.59	8.86	26.80	1.13	0.02	39
Energy Shortage (MU)	9.1	0.0	0.0	0.1	1.0	10.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50517	48443	39529	19188	2664	151097

**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	0.035	0.00	0.00	3.23	3.23	71.20	25.57

**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	8150	0	164.6	101.5	0.4	0	0.0	
	Haryana	7558	0	149.8	106.5	1.5	0	0.0	
	Rajasthan	7911	0	169.9	51.8	0.3	0	0.0	
	Delhi	4999	0	103.6	79.4	-0.3	0	0.0	
	UP	17100	90	362.4	166.0	-0.8	0	0.0	
	Uttarakhand	1845	0	39.6	12.6	1.5	0	0.0	
	HP	1256	0	25.9	0.9	3.1	0	0.6	
	J&K	1854	464	35.4	9.9	-0.5	0	8.4	
	Chandigarh	249	0	5.3	5.9	-0.6	0	0.0	
	WR	Chhattisgarh	3905	0	91.0	32.9	-0.6	395	0.0
Gujarat		10814	0	245.1	46.1	-0.8	372	0.0	
MP		7379	0	159.2	87.1	-0.6	723	0.0	
Maharashtra		19195	0	420.1	128.9	2.8	354	0.0	
Goa		407	0	9.0	8.8	0.2	74	0.0	
DD		315	0	7.1	6.4	0.7	69	0.0	
DNH		700	0	16.2	16.5	-0.3	2	0.0	
Essar steel		441	0	8.7	8.8	-0.1	397	0.0	
SR		Andhra Pradesh	7419	0	158	33	3.1	536	0.0
		Telangana	8906	0	191	117	-1.7	385	0.0
	Karnataka	8600	0	199	79	2.6	644	0.0	
	Kerala	3486	0	69	54	1.6	244	0.0	
	Tamil Nadu	13684	0	291	118	-5.6	517	0.0	
	Pondy	342	0	7	7	-0.4	29	0.0	
ER	Bihar	3976	0	86.7	75.7	0.3	220	0.0	
	DVC	2703	0	62.1	-24.0	1.0	225	0.0	
	Jharkhand	1039	0	23.0	15.4	1.1	81	0.0	
	Odisha	3874	0	78.8	25.1	-0.2	225	0.0	
	West Bengal	8110	0	153.1	67.9	-1.6	250	0.1	
	Sikkim	102	0	1.2	1.0	0.1	12	0.0	
NER	Arunachal Pradesh	114	2	2.0	2.2	-0.2	27	0.0	
	Assam	1628	90	31.6	23.7	3.0	152	0.8	
	Manipur	153	2	2.0	2.0	0.1	21	0.0	
	Meghalaya	268	0	4.8	-1.0	-0.3	37	0.0	
	Mizoram	75	3	1.3	1.1	0.1	11	0.0	
	Nagaland	106	3	2.2	2.0	0.0	12	0.0	
	Tripura	226	7	4.3	3.0	0.6	84	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.2	-5.8	-15.0
Day peak (MW)	1601.8	-275.5	-653.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	152.5	-208.2	122.8	-72.6	4.0	-1.5
Actual(MU)	159.4	-213.8	115.6	-65.3	6.5	2.3
O/D/U/D(MU)	6.9	-5.6	-7.2	7.3	2.5	3.8

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3129	14416	3260	1370	781	22957
State Sector	10300	21614	11852	4485	110	48361
Total	13429	36030	15112	5855	891	71318

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(प्रि०प्र०)/मुख्य कार्यपालक अधिकारी(पीसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 3-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	138	0.0	2.1	-2.1
2		SASARAM-FATEHPUR	S/C	0	12	2.3	0.0	2.3
3		GAYA-BALIA	S/C	0	303	0.0	4.0	-4.0
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.7	-4.7
6	400 KV	PUSAULI-VARANASI	S/C	0	192	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	49	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	409	0.0	6.6	-6.6
9		PATNA-BALIA	Q/C	0	660	0.0	13.2	-13.2
10		BIHARSHARIFF-BALIA	D/C	0	193	0.0	3.8	-3.8
11		BARH-GORAKHPUR	D/C	0	705	0.0	6.9	-6.9
12	BIHARSHARIFF-VARANASI	D/C	0	0	2.0	0.0	2.0	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	237	0.0	4.7	-4.7
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6
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>4.8</b>	<b>45.9</b>	<b>-41.1</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.9	0.0	10.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	11.6	0.0	11.6
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	4.3	0.0	4.3
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0
22		IBEUL-RAIGARH	S/C	0	0	1.9	0.0	1.9
23		STERLITE-RAIGARH	D/C	0	5	1.7	0.0	1.7
24		RANCHI-SIPAT	D/C	0	0	6.8	0.0	6.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	94	0.0	1.1	-1.1
26		BUDHIPADAR-KORBA	D/C	0	0	2.9	0.0	2.9
<b>ER-WR</b>						<b>42.2</b>	<b>1.1</b>	<b>41.0</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.5	-16.5
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.7	0.0	15.1	-15.1
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2508.1	0.0	47.0	-47.0
30	400 KV	TALCHER-I/C	D/C	0.0	1338.4	0.0	19.4	-19.4
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>78.5</b>	<b>-78.5</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1158	0.0	6.6	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	916	0.0	9.0	-9
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.9	-3
<b>ER-NER</b>						<b>0.0</b>	<b>18.6</b>	<b>-18.6</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	702	0.0	14.1	-14.1
<b>NER-NR</b>						<b>0.0</b>	<b>14.1</b>	<b>-14.1</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	27.3	-27.3
37		VCHAL B/B	D/C	100	150	0.5	2.0	-1.5
38		APL -MHG	D/C	0	0	0.0	0.0	0.0
39	765 KV	GWALIOR-AGRA	D/C	0	2566	0.0	46.3	-46.3
40		PHAGI-GWALIOR	D/C	0	1062	0.0	19.3	-19.3
41	400 KV	ZERDA-KANKROLI	S/C	67	290	0.0	1.6	-1.6
42		ZERDA -BHINMAL	S/C	138	257	0.0	0.4	-0.4
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	135	0	0	0
45	220 KV	BADOD-KOTA	S/C	31	38	0.1	0.4	-0.3
46		BADOD-MORAK	S/C	0	91	0.0	1.4	-1.4
47		MEHGAON-AURAIYA	S/C	27	0	0.2	0.0	0.2
48		MALANPUR-AURAIYA	S/C	40	23	0.2	0.2	-0.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>1.0</b>	<b>99.3</b>	<b>-98.3</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.7	-20.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1293	0.0	22.1	-22.1
53		WARDHA-NIZAMABAD	D/C	0	1502	0.0	30.1	-30.1
54	400 KV	KOLHAPUR-KUDGI	D/C	330	102	3.0	0.2	2.9
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	92	0	1.9	0.0	1.9
<b>WR-SR</b>						<b>4.9</b>	<b>73.0</b>	<b>-68.1</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>35.2</b>
59		NEPAL						<b>-5.8</b>
60		BANGLADESH						<b>-15.0</b>