



**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: 04<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 03.08.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03-अगस्त-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 03<sup>rd</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

4-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	49788	41648	38511	18338	2556	150841
Peak Shortage (MW)	1093	75	0	200	176	1543
Energy Met (MU)	1081	959	929	392	49	3409
Hydro Gen(MU)	352	20	40	105	25	541
Wind Gen(MU)	40	115	180	-----	-----	336
Solar Gen (MU)*	3.07	9.47	27.90	0.27	0.02	41
Energy Shortage (MU)	9.0	0.0	0.0	0.8	1.3	11.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51050	41108	39196	18854	2641	152075

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	0.031	0.00	0.00	3.66	3.66	76.70	19.64

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	8582	0	189.5	125.9	0.4	195	0.0
	Haryana	8001	0	155.9	114.4	-0.2	146	0.0
	Rajasthan	8292	0	173.3	61.3	0.8	291	0.0
	Delhi	5311	0	107.4	84.0	-1.3	167	0.0
	UP	16905	150	346.5	156.5	2.2	295	0.0
	Uttarakhand	1825	0	39.0	12.4	-1.1	166	0.0
	HP	1287	0	26.5	-1.6	2.3	201	0.1
	J&K	1931	483	37.4	13.6	-2.2	85	8.9
Chandigarh	282	0	5.5	6.5	-1.0	0	0.0	
WR	Chhattisgarh	3922	0	86.2	39.6	1.4	393	0.0
	Gujarat	11312	0	254.8	49.1	2.5	1023	0.0
	MP	7433	0	160.5	104.1	3.5	749	0.0
	Maharashtra	19122	0	418.5	118.4	2.9	401	0.0
	Goa	407	0	9.0	8.5	0.5	75	0.0
	DD	316	0	7.1	6.3	0.8	71	0.0
	DNH	728	0	16.7	16.7	0.0	19	0.0
	Essar steel	311	0	5.7	5.4	0.3	132	0.0
SR	Andhra Pradesh	7415	0	161	32	3.3	461	0.0
	Telangana	9094	0	196	112	-1.2	367	0.0
	Karnataka	8970	0	204	81	6.8	694	0.0
	Kerala	3304	0	67	54	1.5	225	0.0
	Tamil Nadu	13380	0	294	96	-2.1	474	0.0
	Pondy	352	0	7	7	-0.1	47	0.0
ER	Bihar	4110	0	75.7	72.3	-0.7	389	0.2
	DVC	2758	0	63.9	-29.4	4.4	345	0.6
	Jharkhand	1126	0	22.8	14.7	0.6	135	0.0
	Odisha	3915	0	80.2	23.9	1.3	365	0.0
	West Bengal	7561	0	148.0	61.9	1.3	402	0.0
	Sikkim	98	0	1.3	1.0	0.2	25	0.0
NER	Arunachal Pradesh	130	2	2.1	2.6	-0.6	6	0.0
	Assam	1604	141	32.0	23.9	3.6	185	1.1
	Manipur	158	2	2.0	2.1	0.0	30	0.0
	Meghalaya	254	0	4.6	-0.2	-0.5	36	0.0
	Mizoram	77	3	1.3	1.2	0.0	11	0.0
	Nagaland	95	5	2.1	1.9	0.0	15	0.0
	Tripura	258	3	4.6	3.2	0.8	86	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.4	-4.6	-15.5
Day peak (MW)	1544.4	-2320.0	-673.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	164.3	-206.9	116.8	-78.6	4.1	-0.4
Actual(MU)	152.7	-199.3	112.6	-69.2	6.4	3.2
O/D/U/D(MU)	-11.6	7.7	-4.2	9.4	2.3	3.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3309	14566	3970	1070	393	23309
State Sector	10300	22252	12162	4485	110	49309
Total	13609	36818	16132	5555	503	72618

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(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)

INTER-REGIONAL EXCHANGES								Date of Reporting :	4-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	189	0.0	2.9	-2.9	
2		SASARAM-FATEHPUR	S/C	0	2	2.5	0.0	2.5	
3		GAYA-BALIA	S/C	0	297	0.0	4.4	-4.4	
4	HVDC	ALIPURDUAR-AGRA	-	0	173	0.0	0.6	-0.6	
5		PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9	
6	400 KV	PUSAULI-VARANASI	S/C	0	177	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	57	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	518	0.0	7.5	-7.5	
9		PATNA-BALIA	Q/C	0	688	0.0	11.3	-11.3	
10		BIHARSHARIFF-BALIA	D/C	0	203	0.0	3.3	-3.3	
11		BARH-GORAKHPUR	D/C	0	473	0.0	6.4	-6.4	
12		BIHARSHARIFF-VARANASI	D/C	0	1	1.4	0.0	1.4	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	240	0.0	4.3	-4.3	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5	
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>4.4</b>	<b>45.6</b>	<b>-41.3</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	14.9	0.0	14.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	44	9.9	0.0	9.9	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.6	0.0	2.6	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0	
22		IBEUL-RAIGARH	S/C	0	0	2.0	0.0	2.0	
23		STERLITE-RAIGARH	D/C	0	17	1.5	0.0	1.5	
24		RANCHI-SIPAT	D/C	0	0	6.1	0.0	6.1	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	88	1.2	0.0	1.2	
26		BUDHIPADAR-KORBA	D/C	0	0	0.0	2.3	-2.3	
						<b>ER-WR</b>	<b>40.1</b>	<b>2.3</b>	<b>37.7</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.9	-15.9	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.7	0.0	14.4	-14.4	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2506.7	0.0	45.2	-45.2	
30	400 KV	TALCHER-I/C	D/C	0.0	1315.2	0.0	21.8	-21.8	
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>75.4</b>	<b>-75.4</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1287	0.0	7.3	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1041	0.0	9.9	-10	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.7	-3	
						<b>ER-NER</b>	<b>0.0</b>	<b>20.0</b>	<b>-20.0</b>
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1003	0.0	17.2	-17.2	
						<b>NER-NR</b>	<b>0.0</b>	<b>17.2</b>	<b>-17.2</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	26.5	-26.5	
37		V'CHAL B/B	D/C	400	0	5.2	0.0	5.2	
38		APL -MHG	D/C	0	0	0.0	0.0	0.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2754	0.0	47.1	-47.1	
40		PHAGI-GWALIOR	D/C	0	1364	0.0	21.2	-21.2	
41	400 KV	ZERDA-KANKROLI	S/C	48	294	0.0	2.8	-2.8	
42		ZERDA -BHINMAL	S/C	118	221	0.0	1.4	-1.4	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	215	0	0	0	
45		BADOD-KOTA	S/C	44	48	0.1	0.4	-0.3	
46	220 KV	BADOD-MORAK	S/C	0	80	0.0	1.3	-1.3	
47		MEHGAON-AURAIYA	S/C	33	0	0.7	0.0	0.7	
48		MALANPUR-AURAIYA	S/C	24	27	0.1	0.2	-0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>6.2</b>	<b>101.0</b>	<b>-94.9</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.1	-19.1	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1350	0.0	20.4	-20.4	
53		WARDHA-NIZAMABAD	D/C	0	1569	0.0	29.6	-29.6	
54	400 KV	KOLHAPUR-KUDGI	D/C	326	195	2.9	0.4	2.5	
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	92	0	1.9	0.0	1.9	
						<b>WR-SR</b>	<b>4.7</b>	<b>69.5</b>	<b>-64.8</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>36.4</b>	
59		NEPAL						<b>-4.6</b>	
60		BANGLADESH						<b>-15.5</b>	