



**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: 13<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 12.08.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार,दिनांक 12-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 12<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

13-Aug-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	53431	42808	37004	18240	2247	153730
Peak Shortage (MW)	1462	0	30	0	259	1751
Energy Met (MU)	1187	989	853	375	42	3446
Hydro Gen(MU)	389	24	68	99	30	610
Wind Gen(MU)	48	133	83	-----	-----	264
Solar Gen (MU)*	2.53	9.02	25.90	0.53	0.00	38
Energy Shortage (MU)	9.2	0.0	0.0	0.0	2.1	11.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	54420	43464	39562	18539	2387	153693

**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	0.027	0.00	0.00	2.56	2.56	76.06	21.38

**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	10941	0	241.1	132.4	0.2	203	0.0
	Haryana	9031	0	184.4	122.2	0.4	206	0.0
	Rajasthan	9029	0	193.4	75.7	1.7	373	0.0
	Delhi	5235	0	108.2	84.6	-2.0	121	0.0
	UP	16719	630	349.7	162.5	0.6	309	0.0
	Uttarakhand	1747	0	37.9	11.3	-0.8	97	0.0
	HP	1320	0	27.8	-0.9	2.0	272	0.0
	J&K	1988	497	38.6	13.3	-0.7	205	9.2
Chandigarh	278	0	5.7	6.3	-0.7	0	0.0	
WR	Chhattisgarh	3815	0	88.2	25.6	1.5	203	0.0
	Gujarat	11893	0	266.7	46.8	-1.1	676	0.0
	MP	7336	0	160.9	78.2	-1.1	317	0.0
	Maharashtra	19763	0	439.2	136.7	5.2	459	0.0
	Goa	411	0	8.4	8.5	-0.6	24	0.0
	DD	328	0	7.4	6.5	1.0	58	0.0
	DNH	749	0	17.2	16.8	0.4	48	0.0
Essar steel	100	0	1.3	0.8	0.5	130	0.0	
SR	Andhra Pradesh	6801	0	148	39	4.9	738	0.0
	Telangana	8311	0	176	85	-0.7	515	0.0
	Karnataka	8126	0	172	57	3.7	596	0.0
	Kerala	3057	0	64	37	2.0	414	0.0
	Tamil Nadu	12727	0	286	123	5.4	881	0.0
	Pondy	323	0	7	7	0.0	40	0.0
ER	Bihar	3878	0	71.4	67.1	0.4	356	0.0
	DVC	2820	0	62.6	-19.9	1.7	402	0.0
	Jharkhand	1204	0	22.9	15.8	-0.5	135	0.0
	Odisha	3956	0	81.5	26.2	2.5	398	0.0
	West Bengal	7319	0	135.3	46.3	3.8	456	0.0
	Sikkim	83	0	1.3	1.1	0.2	20	0.0
NER	Arunachal Pradesh	97	7	2.0	3.0	-1.0	6	0.1
	Assam	1417	208	26.2	18.3	3.2	212	1.8
	Manipur	128	8	2.4	2.3	0.1	31	0.1
	Meghalaya	264	0	4.7	-2.0	0.0	27	0.0
	Mizoram	77	2	1.3	1.1	0.1	9	0.0
	Nagaland	112	3	2.2	2.1	0.0	26	0.0
Tripura	178	6	3.0	2.7	-0.6	44	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	33.5	-1.5	-14.3
Day peak (MW)	1501.4	-205.1	-626.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	192.5	-181.2	76.0	-76.1	-6.4	4.8
Actual(MU)	174.9	-185.9	78.2	-61.2	-6.4	-0.3
O/D/U/D(MU)	-17.6	-4.7	2.2	14.9	0.0	-5.1

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4432	16237	5970	800	454	27894
State Sector	9275	19996	11972	6095	110	47448
Total	13707	36233	17942	6895	564	75342

\*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(ग्रि०प्रा०)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : <b>13-Aug-17</b>
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	203	0.0	5.1	-5.1
2		SASARAM-FATEHPUR	S/C	0	156	0.8	0.0	0.8
3		GAYA-BALIA	S/C	0	305	0.0	4.4	-4.4
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.4	-4.4
6	400 KV	PUSAULI-VARANASI	S/C	0	165	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	58	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	666	0.0	12.2	-12.2
9		PATNA-BALIA	Q/C	0	867	0.0	16.6	-16.6
10		BIHARSHARIFF-BALIA	D/C	0	315	0.0	6.0	-6.0
11		BARH-GORAKHPUR	D/C	0	325	0.0	2.4	-2.4
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.8	-1.8
13	220 KV	PUSAULI-SAHUPURI	S/C	0	219	0.0	3.0	-3.0
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>1.2</b>	<b>55.9</b>	<b>-54.7</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	151	2.9	0.0	2.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	290	2.8	0.0	2.8
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	96	0.5	0.0	0.5
21		JHARSUGUDA-RAIGARH	S/C	0	86	0.9	0.0	0.9
22		IBEUL-RAIGARH	S/C	0	0	0.9	0.0	0.9
23		STERLITE-RAIGARH	D/C	0	59	1.5	0.0	1.5
24		RANCHI-SIPAT	D/C	0	14	3.0	0.0	3.0
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	194	0.0	1.9	-1.9
26		BUDHIPADAR-KORBA	D/C	0	0	1.7	0.0	1.7
<b>ER-WR</b>						<b>14.2</b>	<b>1.9</b>	<b>12.3</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.4	-14.4
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	454.2	0.0	17.5	-17.5
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1062.4	0.0	7.6	-7.6
30	400 KV	TALCHER-I/C	D/C	0.0	454.6	0.0	3.5	-3.5
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>39.5</b>	<b>-39.5</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	545	0.0	1.1	-1
33		ALIPURDUAR-BONGAIGAON	D/C	0	353	0.0	0.4	0
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.2	0
<b>ER-NER</b>						<b>0.0</b>	<b>1.7</b>	<b>-1.7</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	242	702	0.0	8.7	-8.7
<b>NER-NR</b>						<b>0.0</b>	<b>8.7</b>	<b>-8.7</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	19.0	-19.0
37		V'CHAL B/B	D/C	400	0	9.7	0.0	9.7
38		APL -MHG	D/C	0	1814	0.0	43.1	-43.1
39	765 KV	GWALIOR-AGRA	D/C	0	2648	0.0	41.9	-41.9
40		PHAGI-GWALIOR	D/C	0	1270	0.0	22.5	-22.5
41	400 KV	ZERDA-KANKROLI	S/C	215	103	1.5	0.0	1.5
42		ZERDA -BHINMAL	S/C	243	24	1.9	0.0	1.9
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	226	0	1	-1
45	220 KV	BADOD-KOTA	S/C	9	65	0.0	0.8	-0.8
46		BADOD-MORAK	S/C	0	123	0.0	1.9	-1.9
47		MEHGAON-AURAIYA	S/C	54	0	0.6	0.0	0.6
48		MALANPUR-AURAIYA	S/C	28	20	0.1	0.2	-0.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>13.8</b>	<b>130.6</b>	<b>-116.8</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.5	-22.5
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1864	0.0	25.8	-25.8
53		WARDHA-NIZAMABAD	D/C	0	1253	0.0	23.0	-23.0
54	400 KV	KOLHAPUR-KUDGI	D/C	658	64	6.4	0.2	6.2
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>7.9</b>	<b>71.5</b>	<b>-63.5</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>33.5</b>
59		NEPAL						<b>-1.5</b>
60		BANGLADESH						<b>-14.3</b>