



**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: 12<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 11.08.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11-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 11<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

12-Aug-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	53020	42821	38524	19377	2342	156084
Peak Shortage (MW)	1812	36	0	150	215	2214
Energy Met (MU)	1185	1006	885	394	41	3511
Hydro Gen(MU)	382	28	46	104	30	590
Wind Gen(MU)	46	104	98	-----	-----	248
Solar Gen (MU)*	2.95	9.78	24.30	0.41	0.00	37
Energy Shortage (MU)	9.5	0.0	0.0	0.5	2.5	12.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53784	43476	39540	19464	2490	158754

**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	0.025	0.00	0.00	1.37	1.37	73.53	25.10

**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	10523	0	238.2	131.2	0.4	153	0.0
	Haryana	8889	0	184.2	120.0	-0.6	165	0.0
	Rajasthan	9014	0	192.5	64.8	2.7	412	0.0
	Delhi	5556	52	114.2	91.4	-1.4	128	0.4
	UP	16624	450	347.9	160.0	1.6	1119	0.0
	Uttarakhand	1823	0	36.0	11.2	-0.5	92	0.0
	HP	1270	0	27.5	-1.1	1.6	158	0.0
	J&K	1914	478	38.4	16.1	-1.1	202	9.1
WR	Chhattisgarh	3743	0	88.4	24.9	-1.1	116	0.0
	Gujarat	12636	0	281.7	43.0	-0.5	281	0.0
	MP	7469	0	161.6	82.7	-1.6	295	0.0
	Maharashtra	20152	0	439.3	129.7	2.4	370	0.0
	Goa	416	0	9.0	8.4	0.6	22	0.0
	DD	321	0	7.4	6.5	0.9	62	0.0
	DNH	745	0	17.1	17.0	0.2	21	0.0
	Essar steel	96	0	1.3	0.1	1.2	131	0.0
SR	Andhra Pradesh	6850	0	154	57	3.1	576	0.0
	Telangana	8736	0	178	89	-1.9	369	0.0
	Karnataka	8634	0	184	82	3.3	738	0.0
	Kerala	3179	0	65	47	2.1	319	0.0
	Tamil Nadu	12582	0	297	110	4.0	499	0.0
	Pondy	332	0	7	7	-0.2	29	0.0
ER	Bihar	3864	150	75.2	67.7	0.7	0	0.5
	DVC	2812	0	63.0	-20.3	2.6	0	0.0
	Jharkhand	1215	0	23.8	16.6	-0.5	0	0.0
	Odisha	3905	0	84.3	30.5	2.6	0	0.0
	West Bengal	7782	0	146.6	55.5	2.9	0	0.0
	Sikkim	74	0	1.2	1.1	0.1	0	0.0
NER	Arunachal Pradesh	122	2	2.0	3.1	-1.1	6	0.0
	Assam	1488	140	25.5	19.7	1.1	212	2.1
	Manipur	149	3	2.0	2.4	-0.3	31	0.1
	Meghalaya	264	0	4.4	-1.4	-0.5	27	0.0
	Mizoram	75	1	1.4	1.3	-0.1	9	0.0
	Nagaland	119	3	2.2	2.2	-0.1	26	0.0
	Tripura	184	7	3.6	3.0	-0.5	44	0.2

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	37.1	-4.2	-14.1
Day peak (MW)	1742.9	-258.7	-624.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	183.8	-212.5	109.7	-75.8	-3.6	1.6
Actual(MU)	180.4	-219.1	110.9	-62.3	-6.7	3.2
O/D/U/D(MU)	-3.4	-6.6	1.2	13.5	-3.1	1.5

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4432	15607	5970	1300	374	27684
State Sector	9275	18791	12542	6095	110	46813
Total	13707	34398	18512	7395	484	74497

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

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	12-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	0	0.0	2.0	-2.0	
2		SASARAM-FATEHPUR	S/C	0	0	2.3	0.0	2.3	
3		GAYA-BALIA	S/C	0	0	0.0	3.5	-3.5	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	0	0.0	4.8	-4.8	
6	400 KV	PUSAULI-VARANASI	S/C	0	0	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	0	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	0	0.0	10.4	-10.4	
9		PATNA-BALIA	Q/C	0	0	0.0	14.8	-14.8	
10		BIHARSHARIFF-BALIA	D/C	0	0	0.0	4.6	-4.6	
11		BARH-GORAKHPUR	D/C	0	0	0.0	4.6	-4.6	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.3	0.0	0.3		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	4.0	-4.0	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.5	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>3.1</b>	<b>48.6</b>	<b>-45.5</b>	
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.7	0.0	12.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	5.2	0.0	5.2	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	1.2	0.0	1.2	
21		JHARSUGUDA-RAIGARH	S/C	0	0	0.4	0.0	0.4	
22		IBEUL-RAIGARH	S/C	0	0	0.4	0.0	0.4	
23		STERLITE-RAIGARH	D/C	0	0	2.8	0.0	2.8	
24		RANCHI-SIPAT	D/C	0	0	6.0	0.0	6.0	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	0	0.0	0.9	-0.9	
26		BUDHIPADAR-KORBA	D/C	0	0	2.7	0.0	2.7	
<b>ER-WR</b>						<b>31.3</b>	<b>0.9</b>	<b>30.4</b>	
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.3	-14.3	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	0.0	0.0	14.7	-14.7	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	0.0	0.0	39.0	-39.0	
30	400 KV	TALCHER-I/C	D/C	0.0	0.0	0.0	12.4	-12.4	
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>68.0</b>	<b>-68.0</b>	
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	4.0	-4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	0	0.0	4.8	-5	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1	
<b>ER-NER</b>						<b>0.0</b>	<b>10.0</b>	<b>-10.0</b>	
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1001	0.0	18.5	-18.5	
<b>NER-NR</b>						<b>0.0</b>	<b>18.5</b>	<b>-18.5</b>	
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	18.1	-18.1	
37		VCHAL B/B	D/C	400	0	8.8	0.0	8.8	
38		APL -MHG	D/C	0	2015	0.0	44.4	-44.4	
39	765 KV	GWALIOR-AGRA	D/C	0	2310	0.0	43.3	-43.3	
40		PHAGI-GWALIOR	D/C	0	1014	0.0	18.9	-18.9	
41	400 KV	ZERDA-KANKROLI	S/C	129	75	0.8	0.0	0.8	
42		ZERDA -BHINMAL	S/C	134	62	1.2	0.0	1.2	
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	160	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	20	59	0.1	0.6	-0.5	
46		BADOD-MORAK	S/C	0	101	0.0	1.7	-1.7	
47		MEHGAON-AURAIYA	S/C	54	0	0.6	0.0	0.6	
48		MALANPUR-AURAIYA	S/C	18	16	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>11.5</b>	<b>127.8</b>	<b>-116.3</b>	
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.8	-19.8	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52		SOLAPUR-RAICHUR	D/C	0	1864	0.0	31.8	-31.8	
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1358	0.0	28.8	-28.8	
54		KOLHAPUR-KUDGI	D/C	462	157	3.9	0.2	3.7	
55	400 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>5.4</b>	<b>80.6</b>	<b>-75.2</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>37.1</b>	
59		NEPAL						<b>-4.2</b>	
60		BANGLADESH						<b>-14.1</b>	