



**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: 07<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 06.08.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार,दिनांक 06-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 06<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

7-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	50493	40281	35658	18026	2484	146941
Peak Shortage (MW)	1400	103	0	541	155	2199
Energy Met (MU)	1159	966	882	386	46	3439
Hydro Gen(MU)	362	18	50	110	23	563
Wind Gen(MU)	11	46	149	-----	-----	206
Solar Gen (MU)*	3.31	9.60	26.70	0.76	0.02	40
Energy Shortage (MU)	12.1	0.0	0.0	1.6	1.4	15.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51647	41294	36643	19184	2514	148501

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	0.054	0.00	1.33	13.56	14.90	76.34	8.76

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	9589	0	221.3	133.2	0.6	113	0.0
	Haryana	8322	34	169.6	113.1	1.1	277	0.1
	Rajasthan	8518	0	192.7	87.3	3.4	282	2.3
	Delhi	5406	0	106.6	81.8	0.3	240	0.0
	UP	16608	350	367.8	164.2	2.6	697	0.0
	Uttarakhand	1610	150	35.2	16.4	1.2	215	0.8
	HP	1148	0	24.5	-4.4	2.9	326	0.1
	J&K	1932	483	36.9	12.1	-1.1	232	8.8
Chandigarh	257	0	5.0	5.4	-0.4	0	0.0	
WR	Chhattisgarh	3620	0	85.8	29.5	-1.3	110	0.0
	Gujarat	11324	0	258.9	67.6	-1.1	255	0.0
	MP	7133	0	157.5	99.9	-0.9	80	0.0
	Maharashtra	19126	0	423.5	127.2	4.3	494	0.0
	Goa	455	0	8.9	7.7	1.2	25	0.0
	DD	305	0	7.0	6.2	0.8	54	0.0
	DNH	732	0	16.9	16.7	0.2	15	0.0
	Essar steel	369	0	7.6	7.5	0.1	130	0.0
SR	Andhra Pradesh	7236	0	160	42	1.8	400	0.0
	Telangana	8704	0	188	104	-2.6	353	0.0
	Karnataka	8249	0	187	63	3.3	474	0.0
	Kerala	3003	0	58	41	1.3	344	0.0
	Tamil Nadu	13186	0	282	89	1.4	449	0.0
	Pondy	336	0	7	7	-0.2	27	0.0
ER	Bihar	4085	0	79.3	74.0	2.0	239	0.8
	DVC	2617	0	60.4	-22.3	1.0	340	0.9
	Jharkhand	1213	0	22.5	15.4	0.1	200	0.0
	Odisha	4036	0	78.0	21.7	-3.2	210	0.0
	West Bengal	7747	0	144.8	45.8	2.7	390	0.0
	Sikkim	79	0	0.9	1.1	-0.2	9	0.0
NER	Arunachal Pradesh	108	2	2.1	2.2	-0.1	14	0.0
	Assam	1591	118	30.1	22.4	2.6	207	1.1
	Manipur	141	8	2.1	2.0	0.1	34	0.1
	Meghalaya	244	0	4.4	-0.5	-0.4	38	0.0
	Mizoram	69	4	1.2	1.1	0.0	12	0.0
	Nagaland	110	5	1.8	2.0	-0.3	19	0.0
	Tripura	232	7	4.1	3.4	0.1	63	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.9	-5.5	-14.9
Day peak (MW)	1536.1	-313.4	-649.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	194.3	-194.8	100.5	-102.2	1.7	-0.5
Actual(MU)	191.0	-190.0	98.9	-100.6	2.6	2.0
O/D/U/D(MU)	-3.3	4.9	-1.6	1.6	0.9	2.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3709	15121	5810	800	393	25834
State Sector	8660	19586	12062	4985	110	45403
Total	12369	34707	17872	5785	503	71237

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(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 :	7-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	170	0.0	5.2	-5.2	
2		SASARAM-FATEHPUR	S/C	0	30	2.0	0.0	2.0	
3		GAYA-BALIA	S/C	0	357	0.0	5.5	-5.5	
4	HVDC	ALIPURDUAR-AGRA	-	0	256	0.0	6.3	-6.3	
5		PUSAULI B/B	S/C	0	198	0.0	4.8	-4.8	
6	400 KV	PUSAULI-VARANASI	S/C	0	177	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	48	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	570	0.0	10.5	-10.5	
9		PATNA-BALIA	Q/C	0	961	0.0	13.9	-13.9	
10		BIHARSHARIFF-BALIA	D/C	0	213	0.0	4.8	-4.8	
11		BARH-GORAKHPUR	D/C	0	0	0.0	6.2	-6.2	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.2	0.0	0.2	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	237	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	0.0	0.7	-0.7	
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>2.1</b>	<b>61.9</b>	<b>-59.7</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	210	5.8	0.0	5.8	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	320	4.7	0.0	4.7	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	118	0.6	0.0	0.6	
21		JHARSUGUDA-RAIGARH	S/C	0	93	0.3	0.0	0.3	
22		IBEUL-RAIGARH	S/C	0	0	0.3	0.0	0.3	
23		STERLITE-RAIGARH	D/C	0	103	0.0	4.0	-4.0	
24		RANCHI-SIPAT	D/C	0	7	4.5	0.0	4.5	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	140	0.0	1.5	-1.5	
26		BUDHIPADAR-KORBA	D/C	0	0	2.9	0.0	2.9	
						<b>ER-WR</b>	<b>18.9</b>	<b>5.5</b>	<b>13.3</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.5	-14.5	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	455.5	0.0	14.7	-14.7	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2307.6	0.0	41.0	-41.0	
30	400 KV	TALCHER-I/C	D/C	0.0	972.4	0.0	13.0	-13.0	
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>70.2</b>	<b>-70.2</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1168	0.0	5.4	-5	
33		ALIPURDUAR-BONGAIGAON	D/C	0	960	0.0	4.2	-4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2	
						<b>ER-NER</b>	<b>0.0</b>	<b>11.5</b>	<b>-11.5</b>
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	12.0	-12.0	
						<b>NER-NR</b>	<b>0.0</b>	<b>12.0</b>	<b>-12.0</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	28.5	-28.5	
37		V'CHAL B/B	D/C	500	100	4.8	1.1	3.7	
38		APL -MHG	D/C	0	1260	0.0	17.1	-17.1	
39	765 KV	GWALIOR-AGRA	D/C	0	2442	0.0	42.6	-42.6	
40		PHAGI-GWALIOR	D/C	0	1150	0.0	21.2	-21.2	
41	400 KV	ZERDA-KANKROLI	S/C	94	208	0.0	1.3	-1.3	
42		ZERDA -BHINMAL	S/C	68	240	0.0	1.7	-1.7	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	393	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	16	38	0.0	0.5	-0.4	
46		BADOD-MORAK	S/C	0	59	0.0	1.1	-1.1	
47		MEHGAON-AURAIYA	S/C	42	8	0.5	0.0	0.5	
48		MALANPUR-AURAIYA	S/C	13	23	0.0	0.2	-0.1	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>5.4</b>	<b>118.1</b>	<b>-112.7</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.6	-20.6	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	108	1445	108.0	17.0	91.0	
53		WARDHA-NIZAMABAD	D/C	0	1318	0.0	24.6	-24.6	
54	400 KV	KOLHAPUR-KUDGI	D/C	320	173	1.8	0.9	1.0	
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>111.3</b>	<b>63.1</b>	<b>48.3</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>35.9</b>	
59		NEPAL						<b>-5.5</b>	
60		BANGLADESH						<b>-14.9</b>	