



**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: 09<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 08.08.2017.**

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 08<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

9-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51187	42194	35912	19617	2545	151455
Peak Shortage (MW)	2099	202	313	450	154	3219
Energy Met (MU)	1145	970	910	401	48	3474
Hydro Gen(MU)	355	38	86	111	23	613
Wind Gen(MU)	12	43	95	-----	-----	150
Solar Gen (MU)*	2.45	7.66	25.70	0.97	0.02	37
Energy Shortage (MU)	17.4	0.0	0.0	1.4	1.2	20.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52475	42725	39587	19847	2619	153997

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	0.076	0.22	2.96	17.78	20.96	73.44	5.60

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	10074	0	228.1	128.1	-0.6	122	0.0
	Haryana	8273	280	165.6	111.9	0.5	181	1.0
	Rajasthan	8164	0	185.0	78.1	0.7	205	1.6
	Delhi	5453	0	109.8	88.7	0.3	198	0.0
	UP	16413	380	353.1	158.6	1.5	513	5.3
	Uttarakhand	1802	150	36.7	12.1	-1.2	76	0.8
	HP	1222	0	24.8	-2.9	5.6	831	0.2
	J&K	1847	462	36.0	12.0	-2.0	244	8.6
Chandigarh	276	0	5.6	6.5	-0.9	0	0.0	
WR	Chhattisgarh	3640	0	84.6	20.9	0.1	199	0.0
	Gujarat	12193	0	262.8	69.8	-2.0	355	0.0
	MP	6733	0	148.0	80.1	-1.4	464	0.0
	Maharashtra	19946	0	437.5	120.6	3.0	435	0.0
	Goa	455	0	8.9	7.8	1.1	79	0.0
	DD	313	0	6.6	5.7	0.8	77	0.0
	DNH	729	0	16.5	16.2	0.2	46	0.0
Essar steel	291	0	5.2	5.4	-0.2	150	0.0	
SR	Andhra Pradesh	7112	0	161	49	10.8	916	0.0
	Telangana	8453	0	182	98	-3.0	276	0.0
	Karnataka	8891	0	199	71	3.8	637	0.0
	Kerala	3246	0	65	42	1.3	280	0.0
	Tamil Nadu	13702	0	296	104	5.2	898	0.0
	Pondy	338	0	7	7	0.5	61	0.0
ER	Bihar	4221	0	80.8	73.8	0.7	500	0.0
	DVC	2789	450	61.9	-18.1	0.6	400	1.4
	Jharkhand	1185	0	24.0	17.0	-0.6	100	0.0
	Odisha	3989	0	76.4	21.3	-3.6	200	0.0
	West Bengal	8204	0	156.6	57.3	3.2	400	0.0
	Sikkim	88	0	1.1	0.9	0.2	25	0.0
NER	Arunachal Pradesh	107	2	2.1	2.1	0.0	14	0.0
	Assam	1631	131	30.8	22.7	3.1	207	1.0
	Manipur	142	1	2.1	1.9	0.2	34	0.0
	Meghalaya	252	0	6.3	-1.0	1.0	38	0.0
	Mizoram	67	1	1.3	1.1	0.1	12	0.0
	Nagaland	109	1	2.3	1.8	0.3	19	0.0
Tripura	254	2	3.2	3.1	-1.0	63	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.5	-6.2	-14.3
Day peak (MW)	1565.1	-366.9	-627.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	199.6	-214.7	98.9	-85.8	2.1	0.1
Actual(MU)	201.1	-227.5	106.6	-80.4	4.7	4.5
O/D/U/D(MU)	1.4	-12.8	7.7	5.5	2.6	4.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3129	15656	6260	1050	368	26464
State Sector	9380	19171	11002	5485	110	45148
Total	12509	34827	17262	6535	478	71612

\*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

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : <b>9-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	183	0.0	4.0	-4.0
2		SASARAM-FATEHPUR	S/C	0	0	3.7	0.0	3.7
3		GAYA-BALIA	S/C	0	410	0.0	6.0	-6.0
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9
6	400 KV	PUSAULI-VARANASI	S/C	0	182	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	44	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	600	0.0	9.5	-9.5
9		PATNA-BALIA	Q/C	0	974	0.0	16.3	-16.3
10		BIHARSHARIFF-BALIA	D/C	0	313	0.0	5.5	-5.5
11		BARH-GORAKHPUR	D/C	0	456	0.0	6.6	-6.6
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.7	-0.7
13	220 KV	PUSAULI-SAHUPURI	S/C	0	228	0.0	4.6	-4.6
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>4.2</b>	<b>57.9</b>	<b>-53.7</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	8.7	0.0	8.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	50	8.8	0.0	8.8
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	14	1.5	0.0	1.5
21		JHARSUGUDA-RAIGARH	S/C	0	17	1.1	0.0	1.1
22		IBEUL-RAIGARH	S/C	0	0	1.1	0.0	1.1
23		STERLITE-RAIGARH	D/C	0	13	0.6	0.0	0.6
24		RANCHI-SIPAT	D/C	0	0	6.7	0.0	6.7
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	97	0.0	1.4	-1.4
26		BUDHIPADAR-KORBA	D/C	0	0	3.8	0.0	3.8
<b>ER-WR</b>						<b>32.3</b>	<b>1.4</b>	<b>30.9</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.3	-12.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.1	0.0	14.9	-14.9
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2504.0	0.0	40.5	-40.5
30	400 KV	TALCHER-I/C	D/C	0.0	1276.5	0.0	20.4	-20.4
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>67.6</b>	<b>-67.6</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1151	0.0	6.5	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	913	0.0	9.1	-9
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.5	-3
<b>ER-NER</b>						<b>0.0</b>	<b>18.1</b>	<b>-18.1</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1001	0.0	17.0	-17.0
<b>NER-NR</b>						<b>0.0</b>	<b>17.0</b>	<b>-17.0</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	#VALUE!	1500	0.0	24.7	-24.7
37		V'CHAL B/B	D/C	0	300	0.0	3.3	-3.3
38		APL -MHG	D/C	0	1265	0.0	23.5	-23.5
39	765 KV	GWALIOR-AGRA	D/C	0	1359	0.0	49.6	-49.6
40		PHAGI-GWALIOR	D/C	0	1182	0.0	22.6	-22.6
41	400 KV	ZERDA-KANKROLI	S/C	86	154	0.0	0.7	-0.7
42		ZERDA -BHINMAL	S/C	95	141	0.0	0.9	-0.9
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	319	0	3	-3
45	220 KV	BADOD-KOTA	S/C	18	37	0.1	0.4	-0.3
46		BADOD-MORAK	S/C	0	61	0.0	0.9	-0.9
47		MEHGAON-AURAIYA	S/C	152	20	0.2	0.0	0.2
48		MALANPUR-AURAIYA	S/C	7	51	0.0	0.1	-0.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>0.3</b>	<b>129.4</b>	<b>-129.1</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.6	-19.6
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1722	0.0	28.3	-28.3
53		WARDHA-NIZAMABAD	D/C	0	1491	0.0	27.6	-27.6
54	400 KV	KOLHAPUR-KUDGI	D/C	0	0	5.6	0.0	5.6
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>7.2</b>	<b>75.5</b>	<b>-68.3</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>35.5</b>
59		NEPAL						<b>-6.2</b>
60		BANGLADESH						<b>-14.3</b>