



**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: 20<sup>th</sup> August 2017

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. कार्यकारी निदेशक, ऊ.क्षे.भा.प्रे.के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093  
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006  
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 19.08.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19-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 19<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

20-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	54165	43910	34534	19212	2555	154376
Peak Shortage (MW)	1123	32	0	200	183	1538
Energy Met (MU)	1245	1024	791	388	45	3492
Hydro Gen(MU)	352	15	32	94	27	520
Wind Gen(MU)	10	59	163	-----	-----	232
Solar Gen (MU)*	2.86	8.57	17.00	1.13	0.02	30
Energy Shortage (MU)	13.5	0.0	0.0	0.7	1.5	15.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	56379	43807	35716	19480	2646	153504

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	0.27	0.27	65.25	34.48

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	10586	0	235.5	129.7	-0.2	144	0.0
	Haryana	9044	0	193.4	124.0	1.2	255	0.0
	Rajasthan	10398	0	228.5	88.0	6.9	486	3.9
	Delhi	5923	0	112.9	88.2	-0.7	163	0.1
	UP	17259	570	365.3	172.0	2.6	570	0.0
	Uttarakhand	1839	0	40.6	13.9	0.7	164	0.0
	HP	1322	0	27.8	-0.1	2.0	135	0.0
	J&K	2016	504	35.6	14.6	-1.1	187	9.4
Chandigarh	254	0	5.2	5.8	-0.6	18	0.0	
WR	Chhattisgarh	3594	0	82.0	21.1	-0.3	136	0.0
	Gujarat	15108	0	330.2	78.4	-1.8	525	0.0
	MP	7525	0	167.9	92.5	-0.6	407	0.0
	Maharashtra	18237	0	404.0	112.6	-7.1	544	0.0
	Goa	409	0	8.7	8.6	0.1	50	0.0
	DD	320	0	7.3	6.7	0.7	70	0.0
	DNH	737	0	16.9	16.5	0.4	70	0.0
	Essar steel	344	0	6.7	5.7	1.0	231	0.0
SR	Andhra Pradesh	6397	0	144	22	1.0	513	0.0
	Telangana	7470	0	149	72	-1.2	328	0.0
	Karnataka	7784	0	164	55	-0.1	387	0.0
	Kerala	3303	0	64	48	1.7	281	0.0
	Tamil Nadu	11767	0	262	77	2.1	782	0.0
	Pondy	315	0	7	7	-0.4	46	0.0
ER	Bihar	4287	0	76.3	71.7	0.4	402	0.7
	DVC	2845	0	62.5	-25.7	2.1	385	0.0
	Jharkhand	1230	0	23.0	16.3	-1.2	145	0.0
	Odisha	3980	0	79.6	22.4	4.6	435	0.0
	West Bengal	7651	0	145.4	55.4	-1.4	358	0.0
	Sikkim	86	0	1.1	1.0	0.1	20	0.0
NER	Arunachal Pradesh	120	2	2.2	2.7	-0.6	12	0.0
	Assam	1612	125	28.7	22.1	1.5	200	1.2
	Manipur	161	3	2.1	2.3	-0.2	38	0.0
	Meghalaya	268	0	3.8	-0.9	-1.4	22	0.0
	Mizoram	76	2	1.3	1.2	0.0	7	0.0
	Nagaland	110	5	2.2	1.9	0.1	30	0.0
	Tripura	252	2	4.2	3.0	0.2	77	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	33.4	-5.7	-14.6
Day peak (MW)	1532.5	-312.4	-642.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	224.7	-205.2	44.0	-70.8	6.3	-1.0
Actual(MU)	228.6	-216.6	38.4	-56.4	5.3	-0.7
O/D/U/D(MU)	3.9	-11.4	-5.6	14.5	-1.0	0.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3812	15342	4970	1070	844	26038
State Sector	7945	14496	10662	6395	110	39608
Total	11757	29838	15632	7465	954	65646

\*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 :	20-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	242	0.0	8.0	-8.0	
2		SASARAM-FATEHPUR	S/C	0	41	1.2	0.0	1.2	
3		GAYA-BALIA	S/C	0	347	0.0	6.2	-6.2	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	196	0.0	4.8	-4.8	
6	400 KV	PUSAULI-VARANASI	S/C	0	163	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	772	0.0	12.7	-12.7	
9		PATNA-BALIA	Q/C	0	1211	0.0	23.8	-23.8	
10		BIHARSHARIFF-BALIA	D/C	0	234	0.0	4.8	-4.8	
11		BARH-GORAKHPUR	D/C	0	0	3.1	0.0	3.1	
12		BIHARSHARIFF-VARANASI	D/C	0	1	0.0	1.1	-1.1	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	147	0.0	2.7	-2.7	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.3	0.0	0.3	
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>4.6</b>	<b>64.0</b>	<b>-59.5</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.8	0.0	9.8	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	73	10.8	0.0	10.8	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	32	2.3	0.0	2.3	
21		JHARSUGUDA-RAIGARH	S/C	0	13	1.8	0.0	1.8	
22		IBEUL-RAIGARH	S/C	0	0	1.8	0.0	1.8	
23		STERLITE-RAIGARH	D/C	0	73	0.0	0.3	-0.3	
24		RANCHI-SIPAT	D/C	0	0	7.0	0.0	7.0	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	110	0.0	0.6	-0.6	
26		BUDHIPADAR-KORBA	D/C	0	0	3.9	0.0	3.9	
						<b>ER-WR</b>	<b>37.3</b>	<b>0.9</b>	<b>36.4</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	9.6	-9.6	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.7	0.0	18.8	-18.8	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1820.7	0.0	22.5	-22.5	
30	400 KV	TALCHER-I/C	D/C	0.0	1392.6	0.0	20.9	-20.9	
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>50.9</b>	<b>-50.9</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1242	0.0	8.3	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	980	0.0	10.0	-10	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.9	-1	
						<b>ER-NER</b>	<b>0.0</b>	<b>19.2</b>	<b>-19.2</b>
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	703	0.0	14.5	-14.5	
						<b>NER-NR</b>	<b>0.0</b>	<b>14.5</b>	<b>-14.5</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.2	-35.2	
37		V'CHAL B/B	D/C	500	100	5.9	0.5	5.3	
38		APL -MHG	D/C	0	2518	0.0	41.8	-41.8	
39	765 KV	GWALIOR-AGRA	D/C	0	2648	0.0	52.6	-52.6	
40		PHAGI-GWALIOR	D/C	0	1162	0.0	23.8	-23.8	
41	400 KV	ZERDA-KANKROLI	S/C	170	76	0.0	0.2	-0.2	
42		ZERDA -BHINMAL	S/C	131	166	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	411	0	4	-4	
45		BADOD-KOTA	S/C	24	48	0.0	0.4	-0.4	
46	220 KV	BADOD-MORAK	S/C	0	90	0.0	1.8	-1.8	
47		MEHGAON-AURAIYA	S/C	54	0	0.6	0.0	0.6	
48		MALANPUR-AURAIYA	S/C	18	19	0.0	0.2	-0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>6.5</b>	<b>162.1</b>	<b>-155.6</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	16.2	-16.2	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	575	1034	575.0	5.4	569.6	
53		WARDHA-NIZAMABAD	D/C	0	1090	0.0	14.4	-14.4	
54	400 KV	KOLHAPUR-KUDGI	D/C	493	67	10.3	0.0	10.3	
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>586.8</b>	<b>36.1</b>	<b>550.7</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>33.4</b>	
59		NEPAL						<b>-5.7</b>	
60		BANGLADESH						<b>-14.6</b>	