



**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: 19<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 18.08.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18-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 18<sup>th</sup> August 2017, is available at the NLDC website.

धन्यवाद,



पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

19-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	57013	44906	36533	19499	2456	160407
Peak Shortage (MW)	2100	33	0	200	263	2596
Energy Met (MU)	1315	1069	834	379	46	3643
Hydro Gen(MU)	367	16	38	93	27	542
Wind Gen(MU)	19	63	136	-----	-----	218
Solar Gen (MU)*	3.64	11.55	17.90	1.06	0.02	34
Energy Shortage (MU)	15.1	0.0	0.0	0.6	2.2	17.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	58241	45897	37179	19553	2534	160665

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	0.044	0.00	0.21	9.06	9.27	77.62	13.11

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	10916	0	249.6	131.8	0.5	165	0.0
	Haryana	9393	227	205.6	127.1	1.2	196	0.2
	Rajasthan	10334	771	229.5	86.0	2.1	346	1.7
	Delhi	6087	0	124.5	98.4	-0.7	213	0.1
	UP	17660	1545	388.0	185.5	1.6	407	3.5
	Uttarakhand	1987	0	42.0	14.1	0.6	164	0.0
	HP	1369	0	29.1	1.3	3.2	251	0.0
	J&K	2048	512	40.5	15.2	-0.7	275	9.6
Chandigarh	335	0	6.5	6.9	-0.4	24	0.0	
WR	Chhattisgarh	3684	0	84.2	23.6	-1.4	135	0.0
	Gujarat	14803	0	327.5	71.1	5.8	826	0.0
	MP	7933	0	181.0	106.7	-1.3	390	0.0
	Maharashtra	20015	0	438.9	115.3	-1.2	361	0.0
	Goa	409	0	8.7	8.6	0.1	50	0.0
	DD	296	0	6.6	6.5	0.2	82	0.0
	DNH	704	0	16.1	16.5	-0.4	30	0.0
Essar steel	340	0	6.1	6.0	0.1	167	0.0	
SR	Andhra Pradesh	6587	0	145	23	1.2	420	0.0
	Telangana	7895	0	168	86	-2.1	255	0.0
	Karnataka	8104	0	176	82	3.1	790	0.0
	Kerala	3349	0	66	47	2.0	290	0.0
	Tamil Nadu	12418	0	272	86	5.6	635	0.0
	Pondy	334	0	7	8	-0.3	28	0.0
ER	Bihar	3927	0	72.1	67.0	1.8	225	0.6
	DVC	2821	0	62.3	-28.4	0.0	220	0.0
	Jharkhand	1229	0	23.1	14.5	0.8	100	0.0
	Odisha	4335	0	78.1	20.4	-2.9	250	0.0
	West Bengal	7973	0	142.1	50.2	0.5	250	0.0
	Sikkim	92	0	1.1	0.8	0.3	15	0.0
NER	Arunachal Pradesh	127	1	2.2	2.8	-0.6	26	0.1
	Assam	1536	173	28.7	21.1	2.6	189	1.9
	Manipur	161	1	2.1	2.2	0.0	21	0.1
	Meghalaya	290	0	4.6	-1.7	-0.4	23	0.0
	Mizoram	76	2	1.3	1.1	0.1	13	0.0
	Nagaland	102	6	2.3	1.9	0.2	11	0.1
	Tripura	240	5	4.6	3.1	0.3	31	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.4	-6.4	-14.5
Day peak (MW)	1532.2	-269.7	-635.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	227.7	-199.6	57.7	-79.6	-5.4	0.8
Actual(MU)	238.6	-219.6	49.2	-64.9	-5.2	-1.9
O/D/U/D(MU)	10.9	-20.0	-8.5	14.7	0.2	-2.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3812	15407	4760	1570	481	26030
State Sector	6785	14574	10932	6295	110	38696
Total	10597	29981	15692	7865	591	64726

\*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>19-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	273	0.0	8.0	-8.0
2		SASARAM-FATEHPUR	S/C	0	122	0.8	0.0	0.8
3		GAYA-BALIA	S/C	0	407	0.0	7.3	-7.3
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.9	-4.9
6	400 KV	PUSAULI-VARANASI	S/C	0	174	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	59	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	779	0.0	12.4	-12.4
9		PATNA-BALIA	Q/C	0	1287	0.0	19.1	-19.1
10		BIHARSHARIFF-BALIA	D/C	0	305	0.0	5.7	-5.7
11		BARH-GORAKHPUR	D/C	0	0	0.0	3.6	-3.6
12		BIHARSHARIFF-VARANASI	D/C	0	31	0.0	0.6	-0.6
13	220 KV	PUSAULI-SAHUPURI	S/C	0	147	0.0	2.6	-2.6
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.3	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>1.1</b>	<b>64.1</b>	<b>-63.0</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	183	4.5	0.0	4.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	212	7.2	0.0	7.2
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	78	1.5	0.0	1.5
21		JHARSUGUDA-RAIGARH	S/C	0	58	0.7	0.0	0.7
22		IBEUL-RAIGARH	S/C	0	0	0.7	0.0	0.7
23		STERLITE-RAIGARH	D/C	0	155	0.0	1.2	-1.2
24		RANCHI-SIPAT	D/C	0	0	5.4	0.0	5.4
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	101	0.0	0.8	-0.8
26		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6
<b>ER-WR</b>						<b>23.6</b>	<b>2.0</b>	<b>21.6</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.0	-12.0
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	301.4	0.0	18.6	-18.6
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2011.7	0.0	19.4	-19.4
30	400 KV	TALCHER-I/C	D/C	0.0	1188.3	0.0	17.8	-17.8
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>50.0</b>	<b>-50.0</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1114	0.0	7.0	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	874	0.0	8.9	-9
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
<b>ER-NER</b>						<b>0.0</b>	<b>16.0</b>	<b>-16.0</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1149	0.0	23.6	-23.6
<b>NER-NR</b>						<b>0.0</b>	<b>23.6</b>	<b>-23.6</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	36.1	-36.1
37		V'CHAL B/B	D/C	500	250	4.8	0.7	4.2
38		APL -MHG	D/C	0	2517	0.0	48.5	-48.5
39	765 KV	GWALIOR-AGRA	D/C	0	2704	0.0	50.4	-50.4
40		PHAGI-GWALIOR	D/C	0	1014	0.0	20.9	-20.9
41	400 KV	ZERDA-KANKROLI	S/C	288	121	1.0	0.0	1.0
42		ZERDA -BHINMAL	S/C	244	157	0.5	0.0	0.5
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	447	0	3	-3
45		BADOD-KOTA	S/C	40	41	0.2	0.3	-0.2
46	220 KV	BADOD-MORAK	S/C	1	65	0.0	0.9	-0.9
47		MEHGAON-AURAIYA	S/C	48	0	0.6	0.0	0.6
48		MALANPUR-AURAIYA	S/C	17	22	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>7.1</b>	<b>161.3</b>	<b>-154.2</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	12.8	-12.8
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1544	0.0	14.7	-14.7
53		WARDHA-NIZAMABAD	D/C	0	1171	0.0	21.8	-21.8
54	400 KV	KOLHAPUR-KUDGI	D/C	493	67	6.1	0.0	6.1
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>7.6</b>	<b>49.4</b>	<b>-41.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>35.4</b>
59		NEPAL						<b>-6.4</b>
60		BANGLADESH						<b>-14.5</b>