



**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: 10<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 09.08.2017.**

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 09<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

10-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	50428	42059	35289	19956	2479	150211
Peak Shortage (MW)	2604	396	335	207	157	3699
Energy Met (MU)	1163	992	878	404	46	3482
Hydro Gen(MU)	356	31	77	107	24	596
Wind Gen(MU)	19	57	65	-----	-----	141
Solar Gen (MU)*	2.62	8.29	17.40	1.08	0.02	29
Energy Shortage (MU)	12.0	0.0	-5.6	0.6	1.2	8.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51120	42805	37958	19235	2579	150698

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	0.059	0.00	1.76	15.60	17.36	75.27	7.37

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	9912	0	227.6	129.3	-1.3	113	0.0
	Haryana	8328	300	171.3	114.1	-0.3	208	0.0
	Rajasthan	8398	0	186.2	78.3	-0.3	191	0.1
	Delhi	5298	0	110.7	88.4	0.1	302	0.0
	UP	16611	420	360.5	164.4	2.1	660	0.0
	Uttarakhand	1769	75	38.5	13.1	0.6	355	0.4
	HP	1316	0	25.3	-6.2	6.0	702	2.6
	J&K	1925	481	36.8	12.3	-1.6	259	8.8
Chandigarh	282	0	5.7	6.4	-0.7	0	0.0	
WR	Chhattisgarh	3780	0	86.1	21.9	0.3	106	0.0
	Gujarat	12777	0	279.6	62.2	0.1	313	0.0
	MP	6992	0	148.1	83.5	-1.5	276	0.0
	Maharashtra	19963	0	439.9	127.4	5.1	587	0.0
	Goa	416	0	9.0	8.2	0.7	75	0.0
	DD	327	0	7.1	6.2	0.9	54	0.0
	DNH	739	0	17.1	16.4	0.7	68	0.0
	Essar steel	309	0	5.1	5.4	-0.3	146	0.0
SR	Andhra Pradesh	6994	0	155	57	2.1	675	0.0
	Telangana	7741	0	167	85	-3.2	289	0.0
	Karnataka	8671	350	195	65	5.9	716	-5.0
	Kerala	3309	100	67	44	1.5	353	-0.4
	Tamil Nadu	13218	0	287	121	4.7	587	0.0
	Pondy	335	35	7	7	0.1	61	-0.2
ER	Bihar	3981	0	81.3	74.2	0.2	200	0.0
	DVC	3046	0	62.3	-21.6	1.5	300	0.6
	Jharkhand	1128	0	22.2	17.5	-1.4	85	0.0
	Odisha	3748	0	80.1	23.9	-0.4	225	0.0
	West Bengal	7856	0	156.5	58.2	1.4	250	0.0
	Sikkim	90	0	1.4	1.0	0.3	12	0.0
NER	Arunachal Pradesh	102	1	2.1	2.3	-0.2	14	0.0
	Assam	1609	117	29.4	22.1	2.3	207	1.0
	Manipur	136	1	2.1	2.0	0.1	34	0.0
	Meghalaya	254	0	5.2	-0.9	0.1	38	0.0
	Mizoram	69	1	1.3	1.1	0.0	12	0.0
	Nagaland	110	2	2.2	1.9	0.1	19	0.0
Tripura	230	3	3.9	3.3	0.1	63	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	37.2	-6.3	-14.4
Day peak (MW)	1528.8	-286.6	-658.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	198.1	-208.9	99.6	-87.9	1.3	2.2
Actual(MU)	200.0	-222.6	107.9	-81.5	2.9	6.6
O/D/U/D(MU)	1.9	-13.7	8.3	6.4	1.6	4.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5194	14696	5760	800	368	26818
State Sector	9275	18101	12272	6085	110	45843
Total	14469	32797	18032	6885	478	72661

\*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)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : <b>10-Aug-17</b>
SI 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	211	0.0	4.7	-4.7
2		SASARAM-FATEHPUR	S/C	0	0	4.6	0.0	4.6
3		GAYA-BALIA	S/C	0	357	0.0	4.9	-4.9
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.8	-4.8
6	400 KV	PUSAULI-VARANASI	S/C	0	182	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	54	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	582	0.0	9.7	-9.7
9		PATNA-BALIA	Q/C	0	897	0.0	17.0	-17.0
10		BIHARSHARIFF-BALIA	D/C	0	278	0.0	4.8	-4.8
11		BARH-GORAKHPUR	D/C	0	395	0.0	4.1	-4.1
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.2	0.0	0.2
13	220 KV	PUSAULI-SAHUPURI	S/C	0	236	0.0	4.5	-4.5
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4
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>5.2</b>	<b>54.5</b>	<b>-49.4</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	7.5	0.0	7.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	229	4.9	0.0	4.9
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	49	0.8	0.0	0.8
21		JHARSUGUDA-RAIGARH	S/C	0	43	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	56	0.0	0.5	-0.5
24		RANCHI-SIPAT	D/C	0	0	5.5	0.0	5.5
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	110	0.0	1.1	-1.1
26		BUDHIPADAR-KORBA	D/C	0	0	2.5	0.0	2.5
<b>ER-WR</b>						<b>21.9</b>	<b>1.5</b>	<b>20.4</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.5	-12.5
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	316.4	0.0	14.4	-14.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2505.4	0.0	38.8	-38.8
30	400 KV	TALCHER-I/C	D/C	0.0	1213.8	0.0	17.4	-17.4
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>65.6</b>	<b>-65.6</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1107	0.0	3.0	-3
33		ALIPURDUAR-BONGAIGAON	D/C	0	881	0.0	9.8	-10
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.3	-2
<b>ER-NER</b>						<b>0.0</b>	<b>15.2</b>	<b>-15.2</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1002	0.0	17.8	-17.8
<b>NER-NR</b>						<b>0.0</b>	<b>17.8</b>	<b>-17.8</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	#VALUE!	0.0	23.4	-23.4
37		V'CHAL B/B	D/C	50	100	0.7	1.0	-0.3
38		APL -MHG	D/C	0	2128	0.0	36.5	-36.5
39	765 KV	GWALIOR-AGRA	D/C	0	2976	0.0	45.6	-45.6
40		PHAGI-GWALIOR	D/C	0	1146	0.0	22.6	-22.6
41	400 KV	ZERDA-KANKROLI	S/C	172	127	0.9	0.0	0.9
42		ZERDA -BHINMAL	S/C	173	142	0.7	0.0	0.7
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	306	0	2	-2
45		BADOD-KOTA	S/C	26	33	0.1	0.2	-0.1
46	220 KV	BADOD-MORAK	S/C	0	59	0.0	0.9	-0.9
47		MEHGAON-AURAIYA	S/C	57	0	1.1	0.0	1.1
48		MALANPUR-AURAIYA	S/C	16	151	0.1	0.3	-0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>3.6</b>	<b>132.4</b>	<b>-128.8</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.0	-21.0
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1603	0.0	29.3	-29.3
53		WARDHA-NIZAMABAD	D/C	0	1536	0.0	31.0	-31.0
54	400 KV	KOLHAPUR-KUDGI	D/C	491	0	6.6	0.0	6.6
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>8.1</b>	<b>81.4</b>	<b>-73.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>37.2</b>
59		NEPAL						<b>-6.3</b>
60		BANGLADESH						<b>-14.4</b>