



**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: 9<sup>th</sup> Nov 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., डोंगतेह, 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 08.11.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-नवम्बर -2017 की अखिल भारतीय प्रणाली के 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 8<sup>th</sup> November 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 9-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40285	47688	37349	18029	2285	145636
Peak Shortage (MW)	2281	47	400	916	139	3783
Energy Met (MU)	861	1120	820	347	41	3189
Hydro Gen(MU)	122	32	57	47	18	276
Wind Gen(MU)	3	7	25	-----	-----	35
Solar Gen (MU)*	2.78	15.44	32.50	0.73	0.03	51
Energy Shortage (MU)	15.9	0.2	0.5	2.7	1.2	20.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41360	49859	38405	18245	2326	148459

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	0.062	0.17	0.90	17.48	18.55	76.96	4.49

C. Power Supply Position in States

Region/Region	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	4956	0	93.0	43.7	-0.5	210	0.0
	Haryana	5978	125	112.4	66.3	1.3	262	0.1
	Rajasthan	9897	395	208.8	60.9	4.9	423	6.6
	Delhi	3649	11	65.7	51.7	-1.2	218	0.0
	UP	12951	10	281.7	103.9	-1.1	312	0.0
	Uttarakhand	1719	0	33.6	15.1	1.7	160	0.3
	HP	1433	5	25.3	17.3	0.2	133	0.0
	J&K	1833	458	37.7	34.4	-2.7	44	8.9
	Chandigarh	174	0	3.2	3.4	-0.2	9	0.0
WR	Chhattisgarh	3268	0	70.1	10.1	-1.1	107	0.2
	Gujarat	14826	0	324.3	85.7	3.3	692	0.0
	MP	11314	0	238.0	167.2	4.1	587	0.0
	Maharashtra	21224	0	444.9	130.4	-2.6	587	0.0
	Goa	500	0	9.8	9.5	0.3	50	0.0
	DD	333	0	7.4	6.6	0.8	70	0.0
	DNH	772	0	17.3	16.3	1.0	16	0.0
	Essar steel	434	0	8.6	8.9	-0.4	170	0.0
	Andhra Pradesh	7201	0	157.1	44.0	0.8	474	0.0
SR	Telangana	7607	0	161.9	62.6	-2.4	322	0.0
	Karnataka	8247	400	180.0	75.4	3.5	655	0.5
	Kerala	3121	0	63.1	47.8	0.5	151	0.0
	Tamil Nadu	12421	0	251.1	118.0	1.8	547	0.0
	Pondy	318	0	6.5	7.0	-0.5	21	0.0
	Bihar	3744	100	66.6	59.4	1.9	398	0.6
ER	DVC	2845	0	63.6	-21.8	2.9	412	0.9
	Jharkhand	990	0	21.1	14.5	1.3	145	0.5
	Odisha	3742	0	71.5	31.7	3.7	456	0.8
	West Bengal	7070	0	122.1	33.6	2.8	498	0.0
	Sikkim	102	0	1.9	1.5	0.3	20	0.0
	Arunachal Pradesh	111	8	2.4	1.9	0.5	43	0.1
NER	Assam	1372	95	24.2	16.7	2.8	268	1.0
	Manipur	158	7	2.3	2.5	-0.2	35	0.1
	Meghalaya	288	4	5.0	1.8	-0.2	40	0.0
	Mizoram	79	6	1.4	1.2	0.1	45	0.1
	Nagaland	121	8	2.2	1.6	0.1	28	0.1
	Tripura	218	2	3.3	3.0	-0.4	57	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	10.6	-3.4	-12.9
Day peak (MW)	436.3	-321.3	-630.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	137.2	-146.4	83.6	-64.8	-7.8	1.8
Actual(MU)	117.4	-149.6	84.0	-48.7	-6.8	-3.6
O/D/U/D(MU)	-19.7	-3.2	0.4	16.1	1.0	-5.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3253	14229	4060	1745	393	23681
State Sector	12370	15927	8912	6885	50	44144
Total	15623	30156	12972	8630	443	67825

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	541	1168	523	368	0	2600
Hydro	122	32	57	47	17	276
Nuclear	33	16	50	0	0	100
Gas, Naptha & Diesel	60	64	18	0	23	165
RES (Wind, Solar, Biomass & Others)	9	22	93	1	0	125
Total	765	1302	742	416	41	3266

\*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-केन्द्रीय(ओ एम/प्रेषण)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्र० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	9-Nov-17
								Import-(+ve) /Export =(-ve) for NET (MU)	
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
<b>Import/Export of ER (With NR)</b>									
1	765KV	GAYA-VARANASI	D/C	0	193	0.0	4.0	-4.0	
2		SASARAM-FATEHPUR	S/C	0	85	1.4	0.0	1.4	
3		GAYA-BALIA	S/C	0	258	0.0	3.0	-3.0	
4	HVDC	ALIPURDUAR-AGRA	-	0	253	0.0	7.6	-7.6	
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1	
6	400 KV	PUSAULI-VARANASI	S/C	0	222	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	93	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	610	0.0	8.5	-8.5	
9		PATNA-BALIA	Q/C	0	1049	0.0	16.7	-16.7	
10		BIHARSHARIFF-BALIA	D/C	0	185	0.0	1.7	-1.7	
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.0	0.0	4.0	
12	BIHARSHARIFF-VARANASI	D/C	0	199	0.7	0.0	0.7		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	122	0.0	2.2	-2.2	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.8	0.0	0.8	
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>6.9</b>	<b>49.7</b>	<b>-42.8</b>	
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.0	0.0	11.0	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	170	6.0	0.0	6.0	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.8	0.0	2.8	
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.1	0.0	3.1	
22		IBEUL-RAIGARH	S/C	0	0	3.1	0.0	3.1	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	0	5.8	0.0	5.8	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	10	1.6	0.0	1.6	
26		BUDHIPADAR-KORBA	D/C	0	0	2.6	0.0	2.6	
<b>ER-WR</b>						<b>35.8</b>	<b>0.0</b>	<b>35.8</b>	
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.0	-18.0	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	449.3	0.0	13.2	-13.2	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2200.0	0.0	48.8	-48.8	
30	400 KV	TALCHER-I/C	D/C	0.0	683.8	0.0	7.4	-7.4	
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>80.0</b>	<b>-80.0</b>	
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	957	0.0	4.5	-4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	800	0.0	1.2	-1	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.1	-1	
<b>ER-NER</b>						<b>0.0</b>	<b>6.7</b>	<b>-6.7</b>	
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	14.0	-14.0	
<b>NER-NR</b>						<b>0.0</b>	<b>14.0</b>	<b>-14.0</b>	
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	500	0.0	11.1	-11.1	
37		VCHAL B/B	D/C	500	0	11.8	0.0	11.8	
38		APL -MHG	D/C	0	709	0.0	17.0	-17.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2500	0.0	40.9	-40.9	
40		PHAGI-GWALIOR	D/C	0	1272	0.0	19.9	-19.9	
41	400 KV	ZERDA-KANKROLI	S/C	279	0	4.2	0.0	4.2	
42		ZERDA -BHINMAL	S/C	207	148	1.2	0.0	1.2	
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	254	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	153	0	2.8	0.0	2.8	
46		BADOD-MORAK	S/C	84	0	1.3	0.0	1.3	
47		MEHGAON-AURAIYA	S/C	114	0	2.1	0.0	2.1	
48		MALANPUR-AURAIYA	S/C	67	0	1.1	0.0	1.1	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>24.6</b>	<b>90.0</b>	<b>-65.3</b>	
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	12.0	-12.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52		765 KV	SOLAPUR-RAICHUR	D/C	189	1402	0.0	15.3	-15.3
53		WARDHA-NIZAMABAD	D/C	0	1848	0.0	29.0	-29.0	
54	400 KV	KOLHAPUR-KUDGI	D/C	395	0	5.1	0.0	5.1	
55		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56	220 KV	PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	73	0	2.0	0.0	2.0	
<b>WR-SR</b>						<b>7.1</b>	<b>56.2</b>	<b>-49.1</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>10.6</b>	
59		NEPAL						<b>-3.4</b>	
60		BANGLADESH						<b>-12.9</b>	