



**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> 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., 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 09.11.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09-नवम्बर - 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 9<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 10-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41038	48018	38213	17734	2428	147431
Peak Shortage (MW)	1760	35	0	0	61	1856
Energy Met (MU)	868	1124	845	340	42	3218
Hydro Gen(MU)	123	34	57	43	16	273
Wind Gen(MU)	4	8	15	-----	-----	28
Solar Gen (MU)*	3.06	14.86	36.50	0.69	0.03	55
Energy Shortage (MU)	14.1	0.8	0.0	0.0	0.6	15.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41806	50856	39151	18100	2350	149036

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	0.052	0.00	0.67	13.80	14.47	76.47	9.06

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	5100	0	101.1	41.2	-0.5	195	0.0
	Haryana	6174	0	113.4	63.0	1.9	146	0.0
	Rajasthan	10016	682	213.4	62.7	4.4	291	4.0
	Delhi	3476	0	64.1	48.1	-1.9	167	0.0
	UP	12844	770	275.6	102.8	-1.1	295	0.4
	Uttarakhand	1751	0	33.4	16.7	1.3	166	0.4
	HP	1205	5	23.9	15.4	-1.7	201	0.0
	J&K	1931	483	40.0	34.9	-0.8	85	9.4
	Chandigarh	168	0	3.1	3.3	-0.1	0	0.0
WR	Chhattisgarh	3234	0	69.4	10.9	-1.2	294	0.8
	Gujarat	15051	0	328.7	93.6	0.3	600	0.0
	MP	11386	0	238.0	172.0	1.1	491	0.0
	Maharashtra	21466	0	442.9	134.0	0.9	601	0.0
	Goa	495	0	10.0	9.8	0.2	63	0.0
	DD	330	0	7.3	6.6	0.7	66	0.0
	DNH	776	0	17.4	16.5	1.0	73	0.0
	Essar steel	479	0	9.7	9.9	-0.3	125	0.0
SR	Andhra Pradesh	7386	0	160.0	43.5	0.3	433	0.0
	Telangana	7535	0	160.1	61.0	-1.1	309	0.0
	Karnataka	8594	0	185.6	78.7	3.1	499	0.0
	Kerala	3411	0	64.8	48.1	1.0	245	0.0
	Tamil Nadu	12985	0	268.1	123.0	3.8	508	0.0
	Pondy	323	0	6.5	7.0	-0.5	21	0.0
ER	Bihar	3712	0	63.6	61.1	0.5	410	0.0
	DVC	3111	0	63.5	-21.5	3.1	340	0.0
	Jharkhand	999	0	21.8	15.5	0.4	130	0.0
	Odisha	3605	0	69.0	31.8	2.7	360	0.0
	West Bengal	7160	0	120.6	32.7	1.9	280	0.0
	Sikkim	98	0	1.4	1.3	0.1	20	0.0
NER	Arunachal Pradesh	121	5	2.5	1.6	0.9	43	0.1
	Assam	1475	10	24.3	17.9	2.5	268	0.3
	Manipur	151	9	2.4	2.3	0.0	35	0.1
	Meghalaya	301	0	5.3	1.9	-0.1	40	0.0
	Mizoram	80	5	1.4	1.1	0.2	45	0.0
	Nagaland	111	5	2.2	1.6	0.1	28	0.0
	Tripura	218	5	3.4	2.0	-0.2	57	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.9	-3.1	-13.0
Day peak (MW)	470.2	-262.7	-630.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	140.4	-141.9	67.7	-62.9	-5.3	-2.0
Actual(MU)	124.3	-144.0	71.4	-51.9	-3.3	-3.4
O/D/U/D(MU)	-16.1	-2.1	3.7	11.1	2.0	-1.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3253	14389	4060	1745	143	23591
State Sector	11200	15738	7562	7485	50	42035
Total	14453	30127	11622	9230	193	65626

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	541	1164	562	366	0	2633
Hydro	123	33	57	43	16	273
Nuclear	33	16	51	0	0	100
Gas, Naptha & Diesel	61	63	17	0	23	164
RES (Wind, Solar, Biomass & Others)	10	23	92	1	0	126
Total	769	1299	779	409	39	3295

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.  
सचिव(ऊर्जा)/संयुक्त सचिव(परिष्कारण)/ओ एम/निदेशक(ओ एम)/मुख्य अभियंता-केन्द्रीय/प्रान्तीय/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 10-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	204	0.0	5.0	-5.0
2		SASARAM-FATEHPUR	S/C	0	83	1.6	0.0	1.6
3		GAYA-BALIA	S/C	0	240	0.0	3.2	-3.2
4	HVDC	ALIPURDUAR-AGRA	-	0	166	0.0	7.3	-7.3
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	214	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	90	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	625	0.0	7.7	-7.7
9		PATNA-BALIA	Q/C	0	946	0.0	15.7	-15.7
10		BIHARSHARIFF-BALIA	D/C	0	189	0.0	1.9	-1.9
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.0	0.0	4.0
12	BIHARSHARIFF-VARANASI	D/C	0	155	0.7	0.0	0.7	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	116	0.0	2.1	-2.1
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7
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>7.0</b>	<b>48.7</b>	<b>-41.7</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.2	0.0	11.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	110	6.1	0.0	6.1
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.9	0.0	2.9
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	6.2	0.0	6.2
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	10	0.0	4.1	-4.1
26		BUDHIPADAR-KORBA	D/C	0	0	0.0	0.0	0.0
<b>ER-WR</b>						<b>32.5</b>	<b>4.1</b>	<b>28.4</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.8	-16.8
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	295.2	0.0	13.5	-13.5
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2365.4	0.0	44.9	-44.9
30	400 KV	TALCHER-I/C	D/C	0.0	861.0	0.0	8.7	-8.7
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>75.2</b>	<b>-75.2</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1150	0.0	5.2	-5
33		ALIPURDUAR-BONGAIGAON	D/C	0	952	0.0	1.8	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.2	-1
<b>ER-NER</b>						<b>0.0</b>	<b>8.1</b>	<b>-8.1</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	11.8	-11.8
<b>NER-NR</b>						<b>0.0</b>	<b>11.8</b>	<b>-11.8</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	500	0.0	9.2	-9.2
37		VCHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	709	0.0	17.0	-17.0
39	765 KV	GWALIOR-AGRA	D/C	0	2396	0.0	44.2	-44.2
40		PHAGI-GWALIOR	D/C	0	1194	0.0	21.8	-21.8
41	400 KV	ZERDA-KANKROLI	S/C	397	0	4.3	0.0	4.3
42		ZERDA -BHINMAL	S/C	223	85	1.4	0.0	1.4
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	232	0	1	-1
45	220 KV	BADOD-KOTA	S/C	167	0	2.9	0.0	2.9
46		BADOD-MORAK	S/C	91	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>25.1</b>	<b>93.3</b>	<b>-68.2</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	9.2	-9.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52		SOLAPUR-RAICHUR	D/C	0	1153	0.0	11.8	-11.8
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1975	0.0	27.1	-27.1
54		KOLHAPUR-KUDGI	D/C	379	0	6.1	0.0	6.1
55	400 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	2.0	0.0	2.0
<b>WR-SR</b>						<b>8.1</b>	<b>48.1</b>	<b>-40.0</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>8.9</b>
59		NEPAL						<b>-3.1</b>
60		BANGLADESH						<b>-13.0</b>