



**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: 1<sup>st</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 31.10.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 31-अक्टूबर-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 31<sup>th</sup> October 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

1-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41158	46046	37673	18035	2354	145266
Peak Shortage (MW)	1978	0	0	470	126	2574
Energy Met (MU)	879	1088	823	339	40	3168
Hydro Gen(MU)	131	20	74	52	20	297
Wind Gen(MU)	2	15	31	-----	-----	49
Solar Gen (MU)*	0.90	15.41	29.20	0.37	0.01	46
Energy Shortage (MU)	12.7	0.0	0.0	1.4	1.2	15.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42300	48284	38496	18245	2348	147592

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	0.60	14.36	14.97	75.41	9.63

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	5201	0	102.8	46.7	-0.8	76	0.0
	Haryana	6241	0	118.6	86.2	1.6	236	0.0
	Rajasthan	9721	183	199.6	71.7	2.5	282	1.1
	Delhi	3602	0	69.0	58.1	-0.6	138	0.0
	UP	12668	175	285.5	115.0	0.3	288	2.0
	Uttarakhand	1718	0	34.1	14.8	0.0	68	0.0
	HP	1407	0	25.2	15.9	0.8	153	0.0
	J&K	1930	483	40.6	33.2	0.6	197	9.5
WR	Chandigarh	170	0	3.2	3.9	-0.7	0	0.0
	Chhattisgarh	3359	0	74.3	15.0	-1.9	333	0.0
	Gujarat	14807	0	316.6	85.5	-1.1	417	0.0
	MP	10599	0	230.0	161.7	4.3	518	0.0
	Maharashtra	19727	0	423.5	131.8	0.0	535	0.0
	Goa	477	0	9.1	9.4	-0.3	18	0.0
	DD	325	0	7.3	6.0	1.2	66	0.0
	DNH	745	0	17.0	16.2	0.8	84	0.0
SR	Essar steel	496	0	9.9	9.9	0.0	187	0.0
	Andhra Pradesh	7408	0	160.4	63.8	4.1	600	0.0
	Telangana	7077	0	155.4	43.4	0.5	664	0.0
	Karnataka	8406	0	178.8	65.8	4.2	542	0.0
	Kerala	3391	0	65.8	48.7	1.0	184	0.0
	Tamil Nadu	12151	0	256.1	150.8	4.9	700	0.0
	Pondy	307	0	6.3	6.8	-0.4	31	0.0
	ER	Bihar	3739	100	65.3	57.5	0.0	385
DVC		2745	100	63.8	-21.5	3.7	402	0.7
Jharkhand		1090	0	22.5	15.9	0.8	135	0.0
Odisha		4608	0	77.0	38.9	2.3	398	0.0
West Bengal		6487	0	109.2	25.3	0.5	423	0.0
Sikkim		104	0	1.3	1.4	-0.1	20	0.0
NER	Arunachal Pradesh	132	3	2.4	2.2	0.2	7	0.1
	Assam	1435	85	24.0	17.3	1.0	139	0.9
	Manipur	152	7	2.3	2.5	-0.2	19	0.1
	Meghalaya	281	0	4.8	1.2	-0.1	59	0.0
	Mizoram	79	5	1.4	1.3	0.0	15	0.1
	Nagaland	100	5	1.9	1.6	-0.2	19	0.1
	Tripura	211	5	2.7	2.2	0.0	75	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	13.6	-2.5	-13.2
Day peak (MW)	568.7	-139.1	-619.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	183.9	-169.8	47.0	-59.3	-3.5	-1.7
Actual(MU)	189.6	-166.5	40.4	-53.2	-5.2	5.2
O/D/U/D(MU)	5.7	3.3	-6.6	6.2	-1.7	6.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3272	13719	2760	1845	143	21739
State Sector	12470	15575	10942	6085	50	45122
Total	15742	29294	13702	7930	193	66861

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	510	1164	541	358	4	2577
Hydro	131	21	74	52	20	298
Nuclear	33	16	51	0	0	100
Gas, Naptha & Diesel	36	59	22	0	24	141
RES (Wind, Solar, Biomass & Others)	7	31	98	1	0	136
Total	718	1290	786	410	48	3252

\*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>1-Nov-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	193	0.0	3.8	-3.8
2		SASARAM-FATEHPUR	S/C	0	22	2.4	0.0	2.4
3		GAYA-BALIA	S/C	0	192	0.0	2.9	-2.9
4	HVDC	ALIPURDUAR-AGRA	-	0	287	0.0	12.0	-12.0
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	221	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	529	0.0	9.0	-9.0
9		PATNA-BALIA	Q/C	0	996	0.0	16.8	-16.8
10		BIHARSHARIFF-BALIA	D/C	0	135	0.0	1.5	-1.5
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.5	0.0	3.5
12		BIHARSHARIFF-VARANASI	D/C	0	112	0.7	0.0	0.7
13	220 KV	PUSAULI-SAHUPURI	S/C	0	137	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	0.0	0.0	0.0
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>6.6</b>	<b>54.6</b>	<b>-48.0</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	8.1	0.0	8.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	72	4.2	0.0	4.2
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	1.9	0.0	1.9
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.8	0.0	1.8
22		IBEUL-RAIGARH	S/C	0	0	1.7	0.0	1.7
23		STERLITE-RAIGARH	D/C	0	0	3.7	0.0	3.7
24		RANCHI-SIPAT	D/C	0	0	5.7	0.0	5.7
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	69	0.0	0.4	-0.4
26		BUDHIPADAR-KORBA	D/C	0	0	0.4	0.0	0.4
<b>ER-WR</b>						<b>27.6</b>	<b>0.4</b>	<b>27.2</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.1	-14.1
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	298.0	0.0	13.7	-13.7
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1823.3	0.0	36.2	-36.2
30	400 KV	TALCHER-I/C	D/C	0.0	904.8	0.0	11.8	-11.8
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>64.0</b>	<b>-64.0</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1357	0.0	7.1	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	1128	0.0	2.0	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1
<b>ER-NER</b>						<b>0.0</b>	<b>10.4</b>	<b>-10.4</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.8	-16.8
<b>NER-NR</b>						<b>0.0</b>	<b>16.8</b>	<b>-16.8</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2000	0.0	33.3	-33.3
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1210	0.0	32.9	-32.9
39	765 KV	GWALIOR-AGRA	D/C	0	2244	0.0	45.6	-45.6
40		PHAGI-GWALIOR	D/C	0	1270	0.0	23.1	-23.1
41	400 KV	ZERDA-KANKROLI	S/C	158	71	1.3	0.0	1.3
42		ZERDA -BHINMAL	S/C	143	250	0.0	1.0	-1.0
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	325	0	2	-2
45		BADOD-KOTA	S/C	121	0	2.0	0.0	2.0
46	220 KV	BADOD-MORAK	S/C	58	5	0.7	0.0	0.7
47		MEHGAON-AURAIYA	S/C	71	0	1.1	0.0	1.1
48		MALANPUR-AURAIYA	S/C	28	0	0.2	0.0	0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>17.6</b>	<b>138.1</b>	<b>-120.6</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	11.9	-11.9
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1137	0.0	7.0	-7.0
53		WARDHA-NIZAMABAD	D/C	0	1353	0.0	18.2	-18.2
54	400 KV	KOLHAPUR-KUDGI	D/C	853	0	15.0	0.0	15.0
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	2.0	0.0	2.0
<b>WR-SR</b>						<b>17.0</b>	<b>37.1</b>	<b>-20.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>13.6</b>
59		NEPAL						<b>-2.5</b>
60		BANGLADESH						<b>-13.2</b>