



**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: 28<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 27.11.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27-नवम्बर - 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 27<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

28-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	39820	45898	37766	17985	2246	143715
Peak Shortage (MW)	1347	11	0	0	79	1437
Energy Met (MU)	828	1070	838	324	40	3100
Hydro Gen(MU)	109	27	62	37	16	251
Wind Gen(MU)	2	16	15	-----	-----	33
Solar Gen (MU)*	3.40	16.06	30.70	0.74	0.02	51
Energy Shortage (MU)	12.3	0.0	0.0	0.0	0.7	12.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41788	50003	39680	18248	2245	147258

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	0.058	0.00	0.28	17.84	18.11	72.08	9.80

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	5209	0	95.6	29.6	-0.4	174	0.0
	Haryana	5497	200	100.9	61.1	1.9	266	0.4
	Rajasthan	10875	0	202.0	68.8	2.4	392	0.0
	Delhi	3412	0	60.3	46.2	-0.5	187	0.0
	UP	12058	270	264.1	88.6	-0.8	507	1.5
	Uttarakhand	1804	0	33.8	16.6	0.1	124	0.0
	HP	1415	0	25.7	18.8	0.6	180	0.3
	J&K	2073	518	42.8	38.3	-0.3	123	10.1
WR	Chhattisgarh	3204	0	67.6	3.3	-0.2	146	0.0
	Gujarat	14358	0	304.9	96.1	1.6	589	0.0
	MP	9022	0	231.5	157.3	0.2	459	0.0
	Maharashtra	20806	0	423.7	145.8	2.2	302	0.0
	Goa	414	0	8.9	8.4	-0.1	33	0.0
	DD	321	0	7.0	6.5	0.5	84	0.0
	DNH	740	0	17.1	16.5	0.6	65	0.0
	Essar steel	442	0	9.3	9.7	-0.5	130	0.0
SR	Andhra Pradesh	7768	0	162.0	64.6	1.7	391	0.0
	Telangana	6684	0	143.1	56.6	-2.5	316	0.0
	Karnataka	9331	0	198.3	93.1	3.6	426	0.0
	Kerala	3507	0	66.6	53.0	0.8	205	0.0
	Tamil Nadu	12793	0	261.3	157.4	1.3	468	0.0
ER	Pondy	330	0	6.4	7.0	-0.6	34	0.0
	Bihar	3661	0	59.4	53.6	-0.1	100	0.0
	DVC	3133	0	66.6	-32.9	0.3	200	0.0
	Jharkhand	1087	0	25.0	14.0	0.8	60	0.0
	Odisha	4344	0	74.4	35.3	4.6	600	0.0
	West Bengal	6275	0	97.2	12.2	3.1	480	0.0
NER	Sikkim	100	0	1.4	1.5	-0.1	25	0.0
	Arunachal Pradesh	114	9	2.3	2.0	0.3	45	0.0
	Assam	1362	13	21.6	18.3	-0.8	205	0.5
	Manipur	152	7	2.3	2.5	-0.2	29	0.0
	Meghalaya	315	4	6.1	2.8	0.1	42	0.0
	Mizoram	81	7	1.4	0.9	0.4	45	0.0
NER	Nagaland	95	6	1.9	1.4	0.0	28	0.0
	Tripura	215	1	4.3	1.8	0.0	57	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.3	-4.9	-12.1
Day peak (MW)	306.8	-322.6	-595.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	164.0	-155.1	76.7	-83.7	-2.3	-0.4
Actual(MU)	152.7	-159.6	81.6	-73.2	-4.4	-2.9
O/D/U/D(MU)	-11.3	-4.5	4.9	10.5	-2.1	-2.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5545	15671	3530	3205	415	28365
State Sector	10800	18104	9982	6890	50	45826
Total	16345	33775	13512	10095	464	74191

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	486	1126	543	380	0	2535
Hydro	109	27	62	37	16	251
Nuclear	34	27	51	0	0	112
Gas, Naptha & Diesel	56	48	18	0	23	146
RES (Wind, Solar, Biomass & Others)	8	32	89	1	0	130
Total	693	1260	763	418	39	3174

\*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 : 28-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	230	0.0	5.5	-5.5
2		SASARAM-FATEHPUR	S/C	0	173	0.0	0.2	-0.2
3		GAYA-BALIA	S/C	0	301	0.0	5.0	-5.0
4	HVDC	ALIPURDUAR-AGRA	-	0	86	0.0	2.7	-2.7
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	204	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	142	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	656	0.0	9.0	-9.0
9		PATNA-BALIA	Q/C	0	1251	0.0	21.8	-21.8
10		BIHARSHARIFF-BALIA	D/C	0	291	0.0	3.9	-3.9
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.7	0.0	3.7
12		BIHARSHARIFF-VARANASI	D/C	0	226	0.0	0.3	-0.3
13	220 KV	PUSAULI-SAHUPURI	S/C	0	107	0.0	2.0	-2.0
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
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>4.1</b>	<b>56.2</b>	<b>-52.1</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	447	0.0	0.9	-0.9
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	51	1.2	0.0	1.2
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.1	0.0	3.1
22		IBEUL-RAIGARH	S/C	0	0	3.2	0.0	3.2
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	55	2.3	0.0	2.3
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	96	0.0	0.8	-0.8
26		BUDHIPADAR-KORBA	D/C	0	0	1.6	0.0	1.6
<b>ER-WR</b>						<b>22.6</b>	<b>1.6</b>	<b>21.0</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.3	-17.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	289.8	0.0	13.3	-13.3
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2155.5	0.0	43.1	-43.1
30	400 KV	TALCHER-I/C	D/C	0.0	929.4	0.0	12.3	-12.3
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>73.7</b>	<b>-73.7</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1118	0.0	6.3	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	904	0.0	5.4	-5
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
<b>ER-NER</b>						<b>0.0</b>	<b>11.8</b>	<b>-11.8</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	15.7	-15.7
<b>NER-NR</b>						<b>0.0</b>	<b>15.7</b>	<b>-15.7</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	13.7	-13.7
37		V'CHAL B/B	D/C	250	150	4.5	0.3	4.2
38		APL -MHG	D/C	0	703	0.0	17.9	-17.9
39	765 KV	GWALIOR-AGRA	D/C	0	2178	0.0	38.5	-38.5
40		PHAGI-GWALIOR	D/C	0	1292	0.0	24.2	-24.2
41	400 KV	ZERDA-KANKROLI	S/C	232	49	2.3	0.0	2.3
42		ZERDA -BHINMAL	S/C	119	243	0.0	0.6	-0.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	30	409	0	2	-2
45		BADOD-KOTA	S/C	132	0	2.1	0.0	2.1
46	220 KV	BADOD-MORAK	S/C	71	0	0.8	0.0	0.8
47		MEHGAON-AURAIYA	S/C	75	0	1.2	0.0	1.2
48		MALANPUR-AURAIYA	S/C	39	0	0.4	0.0	0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>11.3</b>	<b>97.4</b>	<b>-86.1</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	0	1071	0.0	15.8	-15.8
53		WARDHA-NIZAMABAD	D/C	0	1492	0.0	27.7	-27.7
54	400 KV	KOLHAPUR-KUDGI	D/C	318	46	2.8	0.2	2.6
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>4.4</b>	<b>55.7</b>	<b>-51.4</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>6.3</b>
59		NEPAL						<b>-4.9</b>
60		BANGLADESH						<b>-12.1</b>