



**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: 29<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 28.11.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28-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 28<sup>th</sup> November 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

29-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41585	46591	38394	17373	2375	146317
Peak Shortage (MW)	499	12	0	0	68	578
Energy Met (MU)	852	1076	856	326	40	3150
Hydro Gen(MU)	107	36	57	39	16	255
Wind Gen(MU)	2	9	28	-----	-----	39
Solar Gen (MU)*	0.71	16.04	33.50	0.73	0.02	51
Energy Shortage (MU)	11.7	0.6	0.0	0.0	0.9	13.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43280	49740	38607	17431	2373	146997

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	0.075	0.00	1.61	22.11	23.72	67.13	9.16

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	5460	0	100.8	30.5	-0.5	170	0.0
	Haryana	6010	0	109.5	64.1	1.7	215	0.1
	Rajasthan	10943	79	204.0	69.2	0.6	231	0.3
	Delhi	3269	0	60.2	46.7	-1.5	148	0.0
	UP	12585	0	269.5	86.6	0.0	221	1.2
	Uttarakhand	1865	0	34.8	17.7	-0.1	128	0.0
	HP	1491	0	27.8	19.1	1.4	252	0.1
	J&K	1963	491	42.0	36.0	1.4	172	9.9
WR	Chhattisgarh	3269	0	68.0	1.7	-0.4	189	0.6
	Gujarat	14224	0	304.7	86.3	1.9	330	0.0
	MP	9370	0	233.5	161.8	1.4	683	0.0
	Maharashtra	20794	0	425.3	154.5	1.2	313	0.0
	Goa	414	0	9.4	8.7	0.2	52	0.0
	DD	321	0	7.2	6.3	1.0	92	0.0
	DNH	746	0	17.2	16.1	1.1	93	0.0
	Essar steel	516	0	10.5	10.2	0.3	209	0.0
SR	Andhra Pradesh	7957	0	160.2	62.6	-2.2	343	0.0
	Telangana	6790	0	144.5	60.0	-2.4	312	0.0
	Karnataka	9488	0	202.9	92.9	5.0	553	0.0
	Kerala	3605	0	68.6	53.7	0.7	133	0.0
	Tamil Nadu	13194	0	273.0	155.2	-0.4	698	0.0
ER	Pondy	330	0	6.5	7.0	-0.5	31	0.0
	Bihar	3573	0	61.1	53.5	1.8	250	0.0
	DVC	2935	0	64.8	-35.0	-2.0	150	0.0
	Jharkhand	1012	0	21.8	14.9	0.3	130	0.0
	Odisha	4173	0	77.6	36.5	5.6	550	0.0
	West Bengal	6142	0	99.4	15.0	2.4	470	0.0
NER	Sikkim	99	0	1.4	1.5	-0.1	22	0.0
	Arunachal Pradesh	121	1	2.1	1.8	0.3	3	0.0
	Assam	1425	40	22.5	17.5	0.9	68	0.8
	Manipur	175	2	2.3	2.6	-0.2	20	0.0
	Meghalaya	324	0	5.7	2.8	-0.1	74	0.0
	Mizoram	85	1	1.4	1.0	0.4	21	0.0
	Nagaland	110	2	1.9	1.4	0.1	18	0.0
Tripura	218	0	4.2	1.7	0.7	7	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.6	-5.5	-12.2
Day peak (MW)	363.5	-329.9	-600.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	165.5	-156.7	76.0	-82.2	-2.7	-0.2
Actual(MU)	167.6	-168.2	74.8	-73.1	-2.2	-1.1
O/D/U/D(MU)	2.1	-11.4	-1.3	9.1	0.5	-1.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5835	15781	2530	2705	165	27015
State Sector	10800	19124	10232	6290	50	46496
Total	16635	34905	12762	8995	214	73511

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	508	1129	557	381	0	2575
Hydro	107	36	57	39	15	255
Nuclear	34	27	52	0	0	113
Gas, Naptha & Diesel	58	50	18	0	23	148
RES (Wind, Solar, Biomass & Others)	5	25	106	1	0	137
Total	712	1268	789	421	39	3229

\*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(त्रि०प्र०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : 29-Nov-17
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	208	0.0	5.1	-5.1
2		SASARAM-FATEHPUR	S/C	0	197	0.0	0.5	-0.5
3		GAYA-BALIA	S/C	0	301	0.0	4.8	-4.8
4	HVDC	ALIPURDUAR-AGRA	-	0	85	0.0	2.8	-2.8
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	187	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	138	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	641	0.0	8.4	-8.4
9		PATNA-BALIA	Q/C	0	1137	0.0	21.5	-21.5
10		BIHARSHARIFF-BALIA	D/C	0	236	0.0	3.4	-3.4
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.7	0.0	3.7
12		BIHARSHARIFF-VARANASI	D/C	0	210	0.1	0.0	0.1
13	220 KV	PUSAULI-SAHUPURI	S/C	0	108	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>4.3</b>	<b>54.3</b>	<b>-50.0</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.4	0.0	10.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	455	0.0	2.8	-2.8
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	53	1.0	0.0	1.0
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.2	0.0	3.2
22		IBEUL-RAIGARH	S/C	0	0	3.4	0.0	3.4
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	113	1.4	0.0	1.4
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	88	0.0	0.6	-0.6
26		BUDHIPADAR-KORBA	D/C	0	0	1.6	0.0	1.6
<b>ER-WR</b>						<b>21.0</b>	<b>3.5</b>	<b>17.6</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.9	-16.9
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	347.1	0.0	14.3	-14.3
29		TALCHER-KOLAR BIPOLE	D/C	0.0	1881.2	0.0	43.7	-43.7
30	400 KV	TALCHER-I/C	D/C	0.0	1077.6	0.0	11.0	-11.0
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>74.9</b>	<b>-74.9</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1239	0.0	5.6	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	993	0.0	4.9	-5
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
<b>ER-NER</b>						<b>0.0</b>	<b>10.5</b>	<b>-10.5</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	13.0	-13.0
<b>NER-NR</b>						<b>0.0</b>	<b>13.0</b>	<b>-13.0</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2800	0.0	18.9	-18.9
37		V'CHAL B/B	D/C	100	250	1.1	2.8	-1.7
38		APL -MHG	D/C	0	1254	0.0	26.8	-26.8
39	765 KV	GWALIOR-AGRA	D/C	0	2290	0.0	39.9	-39.9
40		PHAGI-GWALIOR	D/C	0	1260	0.0	25.1	-25.1
41	400 KV	ZERDA-KANKROLI	S/C	234	22	2.7	0.0	2.7
42		ZERDA -BHINMAL	S/C	157	214	0.0	0.0	0.0
43		V'CHAL -RIHAND	S/C	1220	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	400	0	2	-2
45	220 KV	BADOD-KOTA	S/C	132	0	2.1	0.0	2.1
46		BADOD-MORAK	S/C	68	4	0.8	0.0	0.8
47		MEHGAON-AURAIYA	S/C	66	0	1.2	0.0	1.2
48		MALANPUR-AURAIYA	S/C	40	3	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>8.3</b>	<b>115.1</b>	<b>-106.8</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		SOLAPUR-RAICHUR	D/C	163	1081	0.0	12.0	-12.0
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1367	0.0	23.5	-23.5
54	400 KV	KOLHAPUR-KUDGI	D/C	257	411	3.7	0.9	2.8
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>5.2</b>	<b>48.4</b>	<b>-43.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						6.6
59		NEPAL						-5.5

