



**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: 30<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 29.11.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 29-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 29<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

30-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41780	45848	38218	16853	2405	145104
Peak Shortage (MW)	876	23	0	0	52	951
Energy Met (MU)	856	1074	852	326	41	3149
Hydro Gen(MU)	108	38	48	34	15	243
Wind Gen(MU)	5	16	59	-----	-----	80
Solar Gen (MU)*	0.68	15.33	31.10	0.67	0.02	48
Energy Shortage (MU)	14.2	0.7	0.0	0.0	0.6	15.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43160	50399	39507	16725	2339	147224

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	0.055	0.00	0.46	15.39	15.86	70.58	13.56

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	5376	0	101.6	30.5	-4.3	177	0.0
	Haryana	6416	0	117.8	64.1	-0.7	267	0.7
	Rajasthan	11107	0	199.5	69.2	5.3	670	2.7
	Delhi	3432	0	61.6	46.7	0.4	219	0.0
	UP	12712	0	268.2	86.6	1.1	828	0.5
	Uttarakhand	1886	0	34.6	17.7	1.3	192	0.3
	HP	1479	0	26.4	19.1	1.5	355	0.0
	J&K	2021	505	42.4	36.0	1.8	173	10.0
WR	Chhattisgarh	189	0	3.2	3.4	-0.2	17	0.0
	Gujarat	3230	141	67.3	1.8	0.0	234	0.7
	MP	13925	0	304.1	93.0	1.6	377	0.0
	Maharashtra	11971	0	234.3	160.0	0.8	491	0.0
	Goa	20713	0	424.7	156.9	3.7	421	0.0
	DD	404	0	9.5	8.9	0.1	21	0.0
	DNH	321	0	7.3	6.2	1.0	93	0.0
	Essar steel	739	0	17.1	15.9	1.2	100	0.0
SR	Andhra Pradesh	500	0	10.1	10.5	-0.4	198	0.0
	Telangana	7921	0	162.9	57.6	1.0	365	0.0
	Karnataka	6925	0	145.5	60.7	-4.0	468	0.0
	Kerala	9535	0	202.1	93.9	2.5	493	0.0
	Tamil Nadu	3602	0	68.3	54.0	1.0	204	0.0
	Pondy	13169	0	267.1	148.3	-2.2	520	0.0
ER	Bihar	325	0	6.4	7.0	-0.6	25	0.0
	DVC	3567	0	60.6	56.0	-1.4	225	0.0
	Jharkhand	2847	0	66.7	-36.5	-0.6	220	0.0
	Odisha	1004	0	22.9	15.7	-0.1	50	0.0
	West Bengal	3722	0	71.8	28.6	7.1	250	0.0
	Sikkim	5960	0	102.4	19.9	4.5	235	0.0
NER	Arunachal Pradesh	100	0	1.5	1.6	-0.1	10	0.0
	Assam	122	2	2.2	1.9	0.4	3	0.0
	Manipur	1433	32	23.4	18.5	1.4	68	0.4
	Meghalaya	174	2	2.5	2.7	-0.1	20	0.0
	Mizoram	326	0	6.2	3.1	0.1	74	0.0
	Nagaland	89	2	1.5	1.3	0.1	21	0.0
Tripura	110	2	2.1	1.5	0.1	18	0.0	
		210	8	3.4	1.7	0.1	7	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.3	-5.8	-11.8
Day peak (MW)	330.8	-240.0	-599.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	159.4	-144.3	73.5	-89.1	-0.8	-1.3
Actual(MU)	155.3	-141.2	67.4	-80.1	-0.1	1.3
O/D/U/D(MU)	-4.2	3.2	-6.1	9.0	0.7	2.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5335	16381	3740	2355	415	28225
State Sector	11400	20035	10842	6080	50	48407
Total	16735	36416	14582	8435	464	76632

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	511	1105	538	388	0	2542
Hydro	108	38	48	34	15	243
Nuclear	34	27	56	0	0	117
Gas, Naptha & Diesel	60	48	14	0	23	145
RES (Wind, Solar, Biomass & Others)	8	32	135	1	0	176
Total	720	1250	791	423	38	3223

\*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 : 30-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	305	0.0	6.5	-6.5
2		SASARAM-FATEHPUR	S/C	0	153	0.0	0.6	-0.6
3		GAYA-BALIA	S/C	0	298	0.0	4.9	-4.9
4	HVDC	ALIPURDUAR-AGRA	-	0	175	0.0	2.2	-2.2
5		PUSAULI B/B	S/C	0	247	0.0	4.9	-4.9
6	400 KV	PUSAULI-VARANASI	S/C	0	192	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	117	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	552	0.0	7.9	-7.9
9		PATNA-BALIA	Q/C	0	1124	0.0	20.7	-20.7
10		BIHARSHARIFF-BALIA	D/C	0	224	0.0	3.6	-3.6
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.9	0.0	3.9
12	BIHARSHARIFF-VARANASI	D/C	0	260	0.0	0.7	-0.7	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	113	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	0.5	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>53.9</b>	<b>-49.6</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	80	7.2	0.0	7.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	431	0.0	0.8	-0.8
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	49	2.4	0.0	2.4
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.5	0.0	2.5
22		IBEUL-RAIGARH	S/C	0	0	2.4	0.0	2.4
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24	RANCHI-SIPAT	D/C	0	86	1.6	0.0	1.6	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	76	0.0	0.5	-0.5
26		BUDHIPADAR-KORBA	D/C	0	0	1.6	0.0	1.6
<b>ER-WR</b>						<b>17.7</b>	<b>1.3</b>	<b>16.4</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.3	-16.3
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	349.8	0.0	16.1	-16.1
29		TALCHER-KOLAR BIPOLE	D/C	0.0	1879.8	0.0	41.9	-41.9
30	400 KV	TALCHER-I/C	D/C	0.0	1168.3	0.0	16.9	-16.9
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>74.2</b>	<b>-74.2</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1355	0.0	8.1	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	1085	0.0	8.0	-8
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.1	0
<b>ER-NER</b>						<b>0.0</b>	<b>16.2</b>	<b>-16.2</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.6	-16.6
<b>NER-NR</b>						<b>0.0</b>	<b>16.6</b>	<b>-16.6</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2000	0.0	19.1	-19.1
37		V'CHAL B/B	D/C	0	250	0.0	6.0	-6.0
38		APL -MHG	D/C	0	1255	0.0	28.0	-28.0
39	765 KV	GWALIOR-AGRA	D/C	0	2142	0.0	37.5	-37.5
40		PHAGI-GWALIOR	D/C	0	1548	0.0	29.2	-29.2
41	400 KV	ZERDA-KANKROLI	S/C	264	0	4.0	0.0	4.0
42		ZERDA -BHINMAL	S/C	206	199	1.5	0.0	1.5
43		V'CHAL -RIHAND	S/C	0	0	23.1	0.0	23.1
44		RAPP-SHUJALPUR	D/C	0	375	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>33.1</b>	<b>121.4</b>	<b>-88.3</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		SOLAPUR-RAICHUR	D/C	634	981	0.0	6.3	-6.3
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1458	0.0	22.7	-22.7
54	400 KV	KOLHAPUR-KUDGI	D/C	158	401	3.2	0.4	2.9
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>4.8</b>	<b>41.3</b>	<b>-36.6</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>6.3</b>
59		NEPAL						<b>-5.8</b>

