



**National Load Despatch Centre**  
**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(A wholly owned subsidiary of POWERGRID)  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 30<sup>th</sup> Nov 2016

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ.क्षे.भा.प्रे.के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093  
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलॉंग - 793006  
General Manager, 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 29.11.2016.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 29 नवंबर 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें 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 2016, is available at the NLDC website.

Thanking You.



**पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली**

Report for previous day

Date of Reporting

30-Nov-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40750	46293	37714	16494	2301	143552
Peak Shortage (MW)	564	36	0	0	35	635
Energy Met (MU)	811	1029	861	308	39	3047
Hydro Gen(MU)	103	59	31	27	11	231
Wind Gen(MU)	3	8	7	-----	-----	18
Solar Gen (MU)*	3.21	10.48	13.20	0.04	0.02	27

**B. Frequency Profile (%)**

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.061	0.00	0.91	16.19	17.11	71.44	11.46
SR GRID	0.061	0.00	0.91	16.19	17.11	71.44	11.46

RegionRegion	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)
NR	Punjab	5511	0	104.0	46.6	0.9	283
	Haryana	5917	146	107.3	86.3	-2.6	223
	Rajasthan	10057	0	199.7	69.7	0.6	179
	Delhi	2987	0	55.1	42.4	0.6	193
	UP	12904	0	250.1	83.2	-1.2	468
	Uttarakhand	1723	0	30.7	16.3	1.6	210
	HP	1321	0	23.4	17.9	0.2	112
	J&K	1712	428	37.1	36.0	-3.8	25
	Chandigarh	183	0	3.2	3.3	-0.1	32
WR	Chhattisgarh	3087	0	64.8	7.3	-1.1	137
	Gujarat	13042	0	280.0	95.9	-1.7	331
	MP	10854	0	218.4	129.2	-2.7	217
	Maharashtra	20158	0	428.6	119.0	0.1	624
	Goa	431	0	8.5	8.4	-0.2	-5
	DD	278	0	6.2	6.2	0.0	3
	DNH	679	0	15.4	15.8	-0.4	14
	Essar steel	736	0	6.9	6.6	0.3	146
	Andhra Pradesh	7135	0	156.9	26.3	4.9	472
SR	Telangana	6861	0	139.7	60.9	1.8	392
	Karnataka	9085	0	202.1	75.0	4.6	809
	Kerala	3562	0	65.0	54.6	2.5	206
	Tamil Nadu	13332	0	290.8	159.2	1.4	664
	Pondy	308	0	6.2	6.6	-0.4	28
	Bihar	3449	0	61.7	63.6	-1.9	289
ER	DVC	2456	0	56.5	-36.5	-2.9	245
	Jharkhand	1235	0	22.6	14.9	2.0	155
	Odisha	3734	0	64.9	21.5	-0.6	324
	West Bengal	6602	0	100.8	20.6	0.1	315
	Sikkim	89	0	1.5	1.2	0.3	20
	Arunachal Pradesh	120	2	2.0	1.7	0.3	48
NER	Assam	1365	8	22.2	16.5	2.0	172
	Manipur	139	2	2.1	2.4	-0.3	11
	Meghalaya	291	0	4.9	3.5	0.1	40
	Mizoram	85	1	1.5	1.2	0.2	16
	Nagaland	108	1	1.9	1.7	0.1	9
	Tripura	212	0	4.4	1.0	-0.3	17

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	9.9	-4.8	-11.8
Day peak (MW)	454.3	-250.8	-583.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	170.3	-173.8	91.6	-92.0	4.0	0.0
Actual(MU)	177.9	-184.8	99.4	-95.3	5.4	2.6
O/D/U/D(MU)	7.6	-10.9	7.8	-3.3	1.4	2.6

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5916	10706	1960	710	495	19787
State Sector	12765	17587	7152	5964	110	43578
Total	18681	28293	9112	6674	605	63365

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(शि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 30-Nov-16
								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	440	0.0	15.9	-15.9
2		SASARAM-FATEHPUR	S/C	0	349	0.0	4.7	-4.7
3		GAYA-BALIA	S/C	0	389	0.0	4.9	-4.9
4	HVDC LINK	PUSAULI B/B	S/C	3	0	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	167	0	0.8	0.0	0.8
6		PUSAULI -ALLAHABAD	S/C	192	0	3.6	0.0	3.6
7		MUZAFFARPUR-GORAKHPUR	D/C	4	527	0.0	10.1	-10.1
8		PATNA-BALIA	Q/C	0	890	0.0	17.6	-17.6
9		BIHARSHARIFF-BALIA	D/C	0	223	0.0	4.4	-4.4
10		BARH-GORAKHPUR	D/C	0	557	0.0	11.1	-11.1
11		BIHARSHARIFF-VARANASI	D/C	35	0	0.0	3.1	-3.1
12	220 KV	PUSAULI-SAHUPURI	S/C	0	221	0.0	4.1	-4.1
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.9	0.0	0.9
15		KARMANASA-SAHUPURI	S/C	0	0	0.6	0.0	0.6
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>5.8</b>	<b>75.8</b>	<b>-70.0</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	809	0.0	11.6	-11.6
18		NEW RANCHI-DHARAMJAIGARH	D/C	290	356	0.0	1.8	-1.8
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	170	22	1.1	0.0	1.1
20		JHARSUGUDA-RAIGARH	S/C	199	0	2.0	0.0	2.0
21		IBEUL-RAIGARH	S/C	139	0	1.4	0.0	1.4
22		STERLITE-RAIGARH	D/C	90	137	0.0	1.1	-1.1
23		RANCHI-SIPAT	D/C	224	66	1.1	0.0	1.1
24	220 KV	BUDHIPADAR-RAIGARH	S/C	58	65	0.0	0.2	-0.2
25		BUDHIPADAR-KORBA	D/C	181	100	2.7	0.0	2.7
<b>ER-WR</b>						<b>8.4</b>	<b>14.7</b>	<b>-6.3</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	330	0.0	15.9	-15.9
27		TALCHER-KOLAR BIPOLE	D/C	0.0	1968	0.0	46.4	-46.4
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-I/C		671.6	69	9.7	0.3	9.4
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>9.7</b>	<b>62.3</b>	<b>-62.3</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	640	106	9.1	0.0	9
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.7	0.0	1
<b>ER-NER</b>						<b>9.7</b>	<b>0.0</b>	<b>9.7</b>
<b>Import/Export of NR (With NER)</b>								
33	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	15.9	15.9
<b>NR-NER</b>						<b>0.0</b>	<b>15.9</b>	<b>15.9</b>
<b>Import/Export of WR (With NR)</b>								
34	HVDC	V'CHAL B/B	D/C	0	350	0.0	2.7	-2.7
35	HVDC	APL -MHG	D/C	0	1205	0.0	28.9	-28.9
36	765 KV	GWALIOR-AGRA	D/C	0	2896	0.0	58.2	-58.2
37	765 KV	PHAGI-GWALIOR	D/C	0	1634	0.0	33.8	-33.8
38	400 KV	ZERDA-KANKROLI	S/C	102	21	1.1	0.0	1.1
39	400 KV	ZERDA -BHINMAL	S/C	26	190	0.0	1.3	-1.3
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
41	400KV	RAPP-SHUJALPUR	D/C	0	550	0	11	-11
42	220 KV	BADOD-KOTA	S/C	74	0	1.0	0.0	1.0
43		BADOD-MORAK	S/C	21	23	0.1	0.1	0.0
44		MEHGAON-AURAIYA	S/C	82	0	1.6	0.0	1.6
45		MALANPUR-AURAIYA	S/C	42	0	0.6	0.0	0.6
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
<b>WR-NR</b>						<b>4.4</b>	<b>135.6</b>	<b>-131.1</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	0	2197	0.0	40.1	-40.1
50	400 KV	KOLHAPUR-KUDGI	D/C	0	368	0.0	0.0	0.0
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	275	0.0	5.7	-5.7
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	84	0	1.6	0.0	1.6
<b>WR-SR</b>						<b>1.6</b>	<b>69.8</b>	<b>-68.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						9.9
55		NEPAL						-4.8
56		BANGLADESH						-11.8