



**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: 15<sup>th</sup> Dec 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 14.12.2016.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 14 दिसम्बर 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 14<sup>th</sup> December 2016, is available at the NLDC website.

Thanking You.



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

Report for previous day

Date of Reporting

15-Dec-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41446	44857	32836	16298	2220	137657
Peak Shortage (MW)	1509	27	0	512	57	2105
Energy Met (MU)	849	1000	723	304	37	2913
Hydro Gen(MU)	97	44	26	22	9	198
Wind Gen(MU)	16	55	23	-----	-----	95
Solar Gen (MU)*	2.45	9.63	10.50	0.04	0.02	23

**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	0.074	0.00	1.79	19.50	21.30	68.83	9.87

**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)
NR	Punjab	5636	0	107.3	38.7	0.0	255
	Haryana	6257	0	119.3	79.3	-0.1	322
	Rajasthan	9107	383	201.9	67.1	1.2	221
	Delhi	3247	0	58.0	43.6	0.0	267
	UP	12811	505	264.7	85.0	2.0	389
	Uttarakhand	1781	0	32.8	17.8	1.4	194
	HP	1372	0	25.8	19.3	0.6	155
	J&K	1911	478	35.9	36.5	-4.0	7
WR	Chhattisgarh	3004	0	65.7	10.4	-0.5	238
	Gujarat	12606	0	266.5	85.0	0.0	478
	MP	11257	0	220.5	122.3	-2.1	243
	Maharashtra	19165	0	408.3	123.0	-0.6	908
	Goa	430	0	8.7	7.4	0.6	37
	DD	284	0	6.3	6.1	0.2	32
	DNH	681	0	15.5	15.7	-0.2	46
	Essar steel	536	0	8.2	9.5	-1.3	250
SR	Andhra Pradesh	5788	0	127.1	10.2	-1.3	471
	Telangana	7277	0	143.2	70.8	0.9	628
	Karnataka	7632	0	161.7	48.8	2.3	607
	Kerala	3294	0	59.9	50.6	2.4	220
	Tamil Nadu	11024	0	224.8	119.0	1.6	696
	Pondy	299	0	5.9	6.3	-0.4	57
ER	Bihar	3371	0	58.4	57.8	-2.0	0
	DVC	2590	0	60.2	-29.9	0.3	0
	Jharkhand	1128	0	23.6	14.1	1.6	0
	Odisha	3761	0	62.3	19.9	-1.8	0
	West Bengal	6211	0	98.4	21.5	-1.0	0
NER	Sikkim	93	0	1.5	1.5	0.0	0
	Arunachal Pradesh	88	2	1.8	1.6	0.3	33
	Assam	1372	18	21.8	15.8	2.1	145
	Manipur	137	2	2.2	2.3	-0.1	29
	Meghalaya	261	0	4.7	3.9	-0.3	19
	Mizoram	85	2	1.5	1.3	0.2	23
	Nagaland	97	2	1.8	1.8	-0.1	18
Tripura	202	9	3.3	1.1	1.1	61	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.5	-5.4	-12.1
Day peak (MW)	322.6	-297.5	-596.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	167.9	-164.9	74.0	-80.3	4.0	0.7
Actual(MU)	182.1	-171.7	76.3	-82.5	6.9	11.1
O/D/U/D(MU)	14.2	-6.8	2.3	-2.2	2.9	10.4

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5216	13651	5630	1450	492	26439
State Sector	10855	18749	8192	6424	110	44330
Total	16071	32400	13822	7874	601	70769

\*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(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 15-Dec-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	383	0.0	12.8	-12.8
2		SASARAM-FATEHPUR	S/C	110	139	0.0	0.1	-0.1
3		GAYA-BALIA	S/C	0	318	0.0	5.8	-5.8
4	HVDC LINK	PUSAULI B/B	S/C	0	348	0.0	8.3	-8.3
5	400 KV	PUSAULI-SARNATH	S/C	0	288	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	91	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	5	428	0.0	8.1	-8.1
8		PATNA-BALIA	Q/C	0	881	0.0	16.9	-16.9
9		BIHARSHARIFF-BALIA	D/C	13	262	0.0	4.2	-4.2
10		BARH-GORAKHPUR	D/C	0	562	0.0	11.7	-11.7
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.9	-1.9
12	220 KV	PUSAULI-SAHUPURI	S/C	0	188	0.0	2.8	-2.8
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.5	0.0	0.5
15		KARMANASA-SAHUPURI	S/C	0	0	0.4	0.0	0.4
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>0.9</b>	<b>72.7</b>	<b>-71.8</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	91	724	0.0	10.5	-10.5
18		NEW RANCHI-DHARAMJAIGARH	D/C	191	249	0.0	0.4	-0.4
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	125	35	0.9	0.0	0.9
20		JHARSUGUDA-RAIGARH	S/C	214	0	2.2	0.0	2.2
21		IBEUL-RAIGARH	S/C	105	0	1.6	0.0	1.6
22		STERLITE-RAIGARH	D/C	0	113	0.0	2.1	-2.1
23		RANCHI-SIPAT	D/C	151	48	1.6	0.0	1.6
24	220 KV	BUDHIPADAR-RAIGARH	S/C	69	62	0.0	0.1	-0.1
25		BUDHIPADAR-KORBA	D/C	149	0	2.2	0.0	2.2
<b>ER-WR</b>						<b>8.5</b>	<b>13.2</b>	<b>-4.7</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	338	0.0	13.2	-13.2
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2452	0.0	40.9	-40.9
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-I/C		498.7	231	4.9	0.1	4.8
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>4.9</b>	<b>54.0</b>	<b>-54.0</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	477	170	4.7	0.0	5
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.2	0.0	0
<b>ER-NER</b>						<b>4.9</b>	<b>0.0</b>	<b>4.9</b>
<b>Import/Export of NR (With NER)</b>								
33	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.0	12.0
<b>NR-NER</b>						<b>0.0</b>	<b>12.0</b>	<b>12.0</b>
<b>Import/Export of WR (With NR)</b>								
34	HVDC	V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
35	HVDC	APL -MHG	D/C	0	2519	0.0	55.1	-55.1
36	765 KV	GWALIOR-AGRA	D/C	0	2350	0.0	50.2	-50.2
37	765 KV	PHAGI-GWALIOR	D/C	0	1556	0.0	29.6	-29.6
38	400 KV	ZERDA-KANKROLI	S/C	175	0	2.9	0.0	2.9
39	400 KV	ZERDA -BHINMAL	S/C	170	64	1.0	0.0	1.0
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
41	400KV	RAPP-SHUJALPUR	D/C	0	420	0	7	-7
42	220 KV	BADOD-KOTA	S/C	82	0	1.0	0.0	1.0
43		BADOD-MORAK	S/C	28	25	0.1	0.2	-0.1
44		MEHGAON-AURAIYA	S/C	72	0	1.4	0.0	1.4
45		MALANPUR-AURAIYA	S/C	38	0	0.5	0.0	0.5
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
<b>WR-NR</b>						<b>19.2</b>	<b>142.5</b>	<b>-123.3</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	21.2	-21.2
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	0	2528	0.0	39.8	-39.8
50	400 KV	KOLHAPUR-KUDGI	D/C	507	40	4.7	0.0	4.7
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	280	0.0	5.8	-5.8
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	78	0	1.6	0.0	1.6
<b>WR-SR</b>						<b>6.3</b>	<b>66.8</b>	<b>-60.5</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						6.5
55		NEPAL						-5.4
56		BANGLADESH						-12.1