



**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: 19<sup>th</sup> Dec, 2015

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. Executive Director, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
कार्यपालक निदेशक, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, 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, शिलोंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009  
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 18.12.2015.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 18<sup>th</sup> Dec 2015 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर निम्न लिंक 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 18<sup>th</sup> Dec 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/19.12.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/19.12.15_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

19-Dec-15

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40560	41553	32753	16728	2313	133907
Peak Shortage (MW)	1749	446	700	100	47	3042
Energy Met (MU)	861	985	754	332	37	2970
Hydro Gen(MU)	156	26	49	18	8	257
Wind Gen(MU)	9	43	8	-----	-----	61

**B. Frequency Profile (%)**

Region	<49.2	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.00	0.00	1.11	10.47	11.59	66.75	21.67
SR GRID	0.00	0.00	1.11	10.47	11.59	66.75	21.67

**C. Power Supply Position in States**

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	5825	0	114.1	40.3	0.3	158
	Haryana	6448	0	117.2	64.2	-0.5	215
	Rajasthan	10251	0	223.4	69.8	1.4	242
	Delhi	3650	23	65.6	48.8	0.7	264
	UP	10253	1215	232.4	104.8	-0.5	365
	Uttarakhand	1852	0	35.2	25.6	2.3	311
	HP	1444	0	27.0	21.1	1.8	185
	J&K	1961	490	42.8	36.7	0.3	186
	Chandigarh	214	0	3.7	3.4	0.3	52
WR	Chhattisgarh	3346	393	68.8	25.8	1.3	317
	Gujarat	12452	0	267.0	59.6	1.7	322
	MP	10865	0	220.5	126.3	-4.2	452
	Maharashtra	18339	20	389.1	94.7	-4.5	584
	Goa	456	0	10.7	9.3	0.2	34
	DD	286	0	5.1	6.2	-1.2	50
	DNH	648	0	15.2	15.4	-0.2	12
	Essar steel	428	0	8.7	7.6	1.1	186
	SR	Andhra Pradesh	6315	0	130.8	32.9	0.4
Telangana		6008	0	136.0	89.1	1.3	247
Karnataka		7915	700	171.8	38.2	3.4	769
Kerala		3390	0	62.9	47.0	1.6	186
Tamil Nadu		11905	0	246.7	108.9	4.8	544
Pondy		291	0	6.0	6.0	0.0	22
ER	Bihar	3346	100	66.3	61.7	2.3	200
	DVC	2426	0	55.3	-12.6	-1.4	120
	Jharkhand	903	0	21.9	10.9	0.2	40
	Odisha	3818	0	66.5	21.5	-2.1	150
	West Bengal	6728	0	121.5	20.0	1.1	170
	Sikkim	72	0	1.0	1.2	-0.2	30
NER	Arunachal Pradesh	104	-2	1.9	1.4	0.5	42
	Assam	1330	-5	21.5	14.5	2.0	276
	Manipur	156	-1	2.3	2.4	-0.1	35
	Meghalaya	336	-1	5.3	4.6	-0.2	30
	Mizoram	87	-2	1.3	1.1	0.2	36
	Nagaland	109	-3	1.9	1.6	0.3	37
	Tripura	211	-1	2.6	-0.5	-0.3	22

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.5	-4.4	-7.7
Max MW		-245.5	-463.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	152.5	-154.7	62.5	-65.5	5.6	0.3
Actual(MU)	151.5	-171.7	74.9	-65.2	7.8	-2.8
O/D/U/D(MU)	-1.0	-17.0	12.4	0.3	2.2	-3.1

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3561	11621	3140	1200	433	19955
State Sector	9135	13826	4392	5849	110	33312
Total	12696	25447	7532	7049	543	53267

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रिड)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 19-Dec-15
								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-FATEHPUR	S/C	0	401	0.0	6.0	-6.0
		GAYA-BALIA	S/C	0	0	0.0	0.0	0.0
2		SASARAM-FATEHPUR	S/C	0	0	0.0	4.0	-4.0
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0.0	8.0	-8.0
4	400 KV	PUSAULI-SARNATH	S/C	0	213	0.0	0.0	0.0
5		PUSAULI - ALLAHABAD	D/C	0	195	0.0	0.0	0.0
6		MUZAFFARPUR-GORAKHPUR	D/C	429	172	1.0	0.0	1.0
7		PATNA-BALIA	Q/C	0	303	0.0	11.0	-11.0
8		BIHARSHARIFF-BALIA	D/C	169	84	0.0	1.0	-1.0
10	220 KV	BARH-GORAKHPUR	D/C	0	0	0.0	10.0	-10.0
11		PUSAULI-SAHUPURI	S/C	0	207	0.0	3.0	-3.0
12	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
13		GARWAH-RIHAND	S/C	37	13	1.0	0.0	1.0
14		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
		KARMANASA-CHANDALI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>2.0</b>	<b>43.0</b>	<b>-41.0</b>
<b>Import/Export of ER (With WR)</b>								
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	0.0	11.0	-11.0
16		NEW RANCHI-DHARAMJAIGARH	S/C	0	0	0.0	2.0	-2.0
17	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.0	0.0	2.0
18		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0
19		IBEUL-RAIGARH	S/C	0	0	1.0	0.0	1.0
20		STERLITE-RAIGARH	D/C	0	0	1.0	0.0	1.0
21		RANCHI-SIPAT	D/C	421	0	3.0	0.0	3.0
22	220 KV	BUDHIPADAR-RAIGARH	S/C	0	173	0.0	2.0	-2.0
23		BUDHIPADAR-KORBA	D/C	38	86	0.0	1.0	-1.0
<b>ER-WR</b>						<b>9.0</b>	<b>16.0</b>	<b>-7.0</b>
<b>Import/Export of ER (With SR)</b>								
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	780	0	17.0	-17.0
25		TALCHER-KOLAR BIPOLE	D/C	0	2350	0	46.0	-46.0
26	400 KV	TALCHER-I/C		338	293	3	0	3.0
27	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0.0
<b>ER-SR</b>						<b>3.0</b>	<b>63.0</b>	<b>-63.0</b>
<b>Import/Export of ER (With NER)</b>								
27	400 KV	BINAGURI-BONGAIGAON	Q/C	199	113	2	0	2
28	220 KV	BIRPARA-SALAKATI	D/C	50	33	0	0	0
<b>ER-NER</b>						<b>2.0</b>	<b>0.0</b>	<b>2.0</b>
<b>Import/Export of NR (With NER)</b>								
29	HVDC	BISWANATH CHARIALI-AGRA	-	0	505	0	12	-12.1
<b>NR-NER</b>						<b>0.0</b>	<b>12.1</b>	<b>-12.1</b>
<b>Import/Export of WR (With NR)</b>								
30	HVDC	V'CHAL B/B	D/C	400	100	4.7	0.2	4.6
31	765 KV	GWALIOR-AGRA	D/C	0	3142	0.0	64.2	-64.2
32	765 KV	PHAGI-GWALIOR	D/C	0	1016	0	20.5	-20.5
33	400 KV	ZERDA-KANKROLI	S/C	254	0	3.5	0.0	3.5
34	400 KV	ZERDA -BHINMAL	S/C	236	49	1.7	0.0	1.7
35	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
36	220 KV	BADOD-KOTA	S/C	90	0	1.2	0.0	1.2
37		BADOD-MORAK	S/C	25	13	0.1	0.0	0.0
38		MEHGAON-AURAIYA	S/C	72	0	1.2	0.0	1.2
39		MALANPUR-AURAIYA	S/C	29	0	0.4	0.0	0.4
40		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
<b>WR-NR</b>						<b>12.8</b>	<b>84.9</b>	<b>-72.1</b>
41	HVDC	APL -MHG	D/C	0	2519	0	53	-53.4
<b>Import/Export of WR (With SR)</b>								
42	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.4	-23.4
43	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
44	765 KV	SOLAPUR-RAICHUR	D/C	0	1802	0.0	33.1	-33.1
	400 KV	KOLHAPUR-KUDGI	D/C	426	0	7.2	0.0	7.2
45	220 KV	KOLHAPUR-CHIKODI	D/C	0	210	0.0	4.4	-4.4
46		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
47		XELDEM-AMBEWADI	S/C	97	0	0.6	0.0	0.6
<b>WR-SR</b>						<b>7.8</b>	<b>61.0</b>	<b>-53.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
47		BHUTAN						<b>3.5</b>
48		NEPAL						<b>-4.4</b>
49		BANGLADESH						<b>-7.7</b>