



**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: 18<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 17.12.2015.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 17<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 17<sup>th</sup> Dec 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/18.12.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/18.12.15_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

18-Dec-15

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39829	42920	32665	16298	2238	133950
Peak Shortage (MW)	2000	181	1000	100	74	3355
Energy Met (MU)	833	991	745	326	36	2931
Hydro Gen(MU)	119	29	48	18	7	221
Wind Gen(MU)	11	25	13	-----	-----	50

**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	2.71	20.80	23.51	59.09	9.04
SR GRID	0.00	0.00	2.71	20.80	23.51	59.09	9.04

**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	5459	0	104.2	44.8	-0.1	247
	Haryana	6302	0	115.8	57.3	-0.2	175
	Rajasthan	10478	0	215.5	70.4	-0.3	200
	Delhi	3470	0	61.6	49.1	0.9	341
	UP	10274	1430	226.9	98.9	-0.2	296
	Uttarakhand	1883	16	35.7	25.9	3.2	226
	HP	1397	0	26.7	20.3	1.5	124
	J&K	1964	491	43.3	35.7	2.0	190
	Chandigarh	205	0	3.6	3.6	0.3	19
WR	Chhattisgarh	3244	253	68.4	22.4	0.9	267
	Gujarat	12374	22	266.2	71.9	0.2	321
	MP	11007	0	219.5	122.5	-2.7	409
	Maharashtra	19082	20	398.8	100.0	-0.2	696
	Goa	445	0	8.9	7.6	0.8	100
	DD	282	0	6.4	6.2	0.2	10
	DNH	667	0	15.4	15.6	-0.2	12
	Essar steel	398	0	7.6	6.6	1.0	186
	SR	Andhra Pradesh	6265	0	130.8	33.9	-0.2
Telangana		5903	0	133.6	86.7	0.5	265
Karnataka		7450	1500	169.1	33.2	5.1	612
Kerala		3351	0	62.9	44.3	1.9	197
Tamil Nadu		11825	0	242.1	104.5	3.4	764
Pondy		285	10	6.1	5.8	0.3	31
ER	Bihar	3316	100	62.6	61.3	-1.0	150
	DVC	2864	0	56.9	-15.2	-1.4	60
	Jharkhand	1017	0	22.2	11.0	0.4	40
	Odisha	3652	0	69.2	20.3	1.6	180
	West Bengal	6532	0	113.5	21.3	1.5	230
	Sikkim	97	0	1.2	1.1	0.1	25
NER	Arunachal Pradesh	104	2	1.9	1.5	0.4	40
	Assam	1267	34	20.9	14.5	1.4	221
	Manipur	155	2	2.4	2.5	-0.1	28
	Meghalaya	326	1	5.0	4.7	-0.7	10
	Mizoram	88	1	1.3	1.2	0.1	30
	Nagaland	110	2	1.9	1.7	0.2	51
	Tripura	209	1	2.9	-0.4	1.3	23

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.5	-4.8	-8.9
Max MW		-216.3	-455.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	148.1	-143.3	60.8	-71.2	5.2	-0.4
Actual(MU)	152.1	-167.2	72.7	-66.7	7.4	-1.7
O/D/U/D(MU)	4.0	-24.0	11.9	4.6	2.2	-1.3

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4061	12071	2850	1200	433	20615
State Sector	9410	12966	7182	5439	110	35107
Total	13471	25037	10032	6639	543	55722

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	18-Dec-15
SI 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-FATEHPUR	S/C	0	444	0.0	5.8	-5.8	
		GAYA-BALIA	S/C	0	0	0.0	0.4	-0.4	
2		SASARAM-FATEHPUR	S/C	0	0	0.0	4.6	-4.6	
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0.0	8.3	-8.3	
4	400 KV	PUSAULI-SARNATH	S/C	0	246	0.0	0.0	0.0	
5		PUSAULI -ALLAHABAD	D/C	0	170	0.0	0.0	0.0	
6		MUZAFFARPUR-GORAKHPUR	D/C	391	144	1.3	0.0	1.3	
7		PATNA-BALIA	Q/C	0	286	0.0	11.3	-11.3	
8		BIHARSHARIFF-BALIA	D/C	175	84	0.0	0.5	-0.5	
		BARH-GORAKHPUR	D/C	0	0	0.0	9.6	-9.6	
10	220 KV	PUSAULI-SAHUPURI	S/C	0	180	0.0	2.8	-2.8	
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.5	0.0	0.5	
12		GARWAH-RIHAND	S/C	39	4	0.0	0.0	0.0	
13		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
14		KARMANASA-CHANDALI	S/C	0	0	0.0	0.0	0.0	
<b>ER-NR</b>						<b>1.7</b>	<b>43.4</b>	<b>-41.7</b>	
<b>Import/Export of ER (With WR)</b>									
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	0.0	11.2	-11.2	
16		NEW RANCHI-DHARAMJAIGARH	S/C	0	0	0.0	2.4	-2.4	
17	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	1.5	0.0	1.5	
18		JHARSUGUDA-RAIGARH	S/C	0	0	1.8	0.0	1.8	
19		IBEUL-RAIGARH	S/C	0	0	1.2	0.0	1.2	
20		STERLITE-RAIGARH	D/C	0	0	0.5	0.0	0.5	
21		RANCHI-SIPAT	D/C	282	0	3.4	0.0	3.4	
22	220 KV	BUDHIPADAR-RAIGARH	S/C	0	181	0.0	2.5	-2.5	
23		BUDHIPADAR-KORBA	D/C	54	98	0.0	0.6	-0.6	
<b>ER-WR</b>						<b>8.4</b>	<b>16.6</b>	<b>-8.2</b>	
<b>Import/Export of ER (With SR)</b>									
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	623	0	9.5	-9.5	
25	TALCHER-KOLAR BIPOLE	D/C	0	2450	0	43.2	-43.2		
26	400 KV	TALCHER-I/C		353.696	199	2.8896	0.446	2.4	
27	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0.0	
<b>ER-SR</b>						<b>2.9</b>	<b>52.6</b>	<b>-52.6</b>	
<b>Import/Export of ER (With NER)</b>									
27	400 KV	BINAGURI-BONGAIGAON	Q/C	204	97	2	0	2	
28	220 KV	BIRPARA-SALAKATI	D/C	43	32	0	0	0	
<b>ER-NER</b>						<b>2.9</b>	<b>0.0</b>	<b>2.9</b>	
<b>Import/Export of NR (With NER)</b>									
29	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	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	VCHAL B/B	D/C	300	100	3.1	0.9	2.2	
31	765 KV	GWALIOR-AGRA	D/C	0	3218	0.0	65.9	-65.9	
32	765 KV	PHAGI-GWALIOR	D/C	0	1329	0	25.2	-25.2	
33	400 KV	ZERDA-KANKROLI	S/C	259	38	2.3	0.0	2.3	
34	400 KV	ZERDA -BHINMAL	S/C	285	0	3.9	0.0	3.9	
35	400 KV	VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
36	220 KV	BADOD-KOTA	S/C	70	0	0.2	0.0	0.2	
37		BADOD-MORAK	S/C	0	0	0.0	0.0	0.0	
38		MEHGAON-AURAIYA	S/C	60	0	0.4	0.0	0.4	
39		MALANPUR-AURAIYA	S/C	28	0	1.2	0.0	1.2	
40	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>11.0</b>	<b>92.0</b>	<b>-81.0</b>	
41	HVDC	APL -MHG	D/C	0	2214	0	45	-44.6	
<b>Import/Export of WR (With SR)</b>									
42	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.6	-21.6	
43	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
44	765 KV	SOLAPUR-RAICHUR	D/C	0	1759	0.0	31.3	-31.3	
	400 KV	KOLHAPUR-KUDGI	D/C	430	0	6.4	0.0	6.4	
45	220 KV	KOLHAPUR-CHIKODI	D/C	0	203	0.0	4.5	-4.5	
46		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
47		XELDEM-AMBEWADI	S/C	95	0	1.6	0.0	1.6	
<b>WR-SR</b>						<b>8.1</b>	<b>57.4</b>	<b>-49.3</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
47		BHUTAN						4.5	
48		NEPAL						-4.8	
49		BANGLADESH						-8.9	