



**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: 20<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 19.12.2015.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 19<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 19<sup>th</sup> Dec 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/20.12.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/20.12.15_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

20-Dec-15

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39368	43079	32575	16631	2178	133831
Peak Shortage (MW)	2370	171	800	318	84	3743
Energy Met (MU)	853	978	750	334	37	2952
Hydro Gen(MU)	121	23	47	19	9	218
Wind Gen(MU)	5	26	8	-----	-----	39

**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	0.38	12.05	12.43	64.42	23.15
SR GRID	0.00	0.00	0.38	12.05	12.43	64.42	23.15

**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	5665	0	111.9	42.4	0.0	206
	Haryana	6265	0	115.2	63.9	-1.1	156
	Rajasthan	10322	0	224.1	73.4	1.8	293
	Delhi	3451	23	60.3	46.3	0.2	261
	UP	10488	750	232.7	107.1	0.9	252
	Uttarakhand	1885	0	36.5	27.7	0.6	101
	HP	1426	0	26.4	21.9	0.0	142
	J&K	2016	504	42.1	35.8	-0.1	112
WR	Chandigarh	203	0	3.6	3.7	0.3	22
	Chhattisgarh	3194	96	70.3	23.6	0.2	176
	Gujarat	12518	18	266.5	69.5	3.9	604
	MP	10815	0	219.2	127.9	-4.5	455
	Maharashtra	18202	15	387.2	94.2	-2.7	571
	Goa	389	0	7.9	8.1	-0.8	9
	DD	256	0	4.5	4.7	-0.2	3
	DNH	675	0	15.7	15.6	0.1	42
SR	Essar steel	392	0	6.8	5.3	1.5	257
	Andhra Pradesh	6275	0	132.3	36.4	0.4	250
	Telangana	5834	0	132.9	84.8	2.0	266
	Karnataka	7879	900	171.8	43.7	7.1	763
	Kerala	3250	0	62.2	47.8	1.5	109
ER	Tamil Nadu	11962	0	244.2	112.8	2.2	441
	Pondy	301	0	6.2	6.2	0.0	15
	Bihar	3312	100	64.0	61.1	0.6	150
	DVC	2449	0	52.0	-12.5	-4.4	70
	Jharkhand	979	50	20.9	10.6	0.0	110
NER	Odisha	3744	0	72.1	21.4	3.9	168
	West Bengal	6443	0	123.6	21.3	5.5	232
	Sikkim	64	0	1.1	1.2	-0.2	20
	Arunachal Pradesh	93	2	1.9	1.3	0.6	57
	Assam	1280	28	21.7	13.7	3.1	285
NER	Manipur	125	5	2.4	2.1	0.3	46
	Meghalaya	330	1	5.4	4.2	-0.2	36
	Mizoram	75	2	1.4	1.0	0.4	35
	Nagaland	115	1	2.0	1.4	0.5	50
Tripura	193	2	2.4	-2.3	1.4	68	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.3	-4.5	-7.1
Max MW		-254.0	-463.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	157.6	-165.0	65.3	-70.8	6.4	-6.5
Actual(MU)	147.9	-177.8	78.5	-65.0	13.0	-3.4
O/D/U/D(MU)	-9.7	-12.8	13.2	5.8	6.6	3.1

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3561	11571	2430	1410	796	19768
State Sector	8925	13908	6492	6059	110	35494
Total	12486	25479	8922	7469	906	55262

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(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 :	20-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	408	0.0	5.0	-5.0	
		GAYA-BALIA	S/C	0	0	0.0	1.0	-1.0	
2		SASARAM-FATEHPUR	S/C	0	0	0.0	5.0	-5.0	
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0.0	9.0	-9.0	
4	400 KV	PUSAULI-SARNATH	S/C	0	235	0.0	0.0	0.0	
5		PUSAULI -ALLAHABAD	D/C	0	199	0.0	0.0	0.0	
6		MUZAFFARPUR-GORAKHPUR	D/C	625	69	3.0	0.0	3.0	
7		PATNA-BALIA	Q/C	0	336	0.0	13.0	-13.0	
8		BIHARSHARIFF-BALIA	D/C	242	82	0.0	2.0	-2.0	
		BARH-GORAKHPUR	D/C	0	0	0.0	10.0	-10.0	
10	220 KV	PUSAULI-SAHUPURI	S/C	0	206	0.0	3.0	-3.0	
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
12		GARWAH-RIHAND	S/C	33	0	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>3.0</b>	<b>48.0</b>	<b>-45.0</b>	
<b>Import/Export of ER (With WR)</b>									
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	0.0	13.0	-13.0	
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	2.0	0.0	2.0	
20		STERLITE-RAIGARH	D/C	0	0	1.0	0.0	1.0	
21		RANCHI-SIPAT	D/C	367	0	5.0	0.0	5.0	
22	220 KV	BUDHIPADAR-RAIGARH	S/C	0	146	0.0	2.0	-2.0	
23		BUDHIPADAR-KORBA	D/C	74	58	0.0	0.0	0.0	
<b>ER-WR</b>						<b>12.0</b>	<b>17.0</b>	<b>-5.0</b>	
<b>Import/Export of ER (With SR)</b>									
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	670	0	16.0	-16.0	
25	TALCHER-KOLAR BIPOLE	D/C	0	2255	0	46.0	-46.0		
26	400 KV	TALCHER-I/C		418	907	2	0	2.0	
27	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0.0	
<b>ER-SR</b>						<b>2.0</b>	<b>62.0</b>	<b>-62.0</b>	
<b>Import/Export of ER (With NER)</b>									
27	400 KV	BINAGURI-BONGAIGAON	Q/C	237	570	1	0	1	
28	220 KV	BIRPARA-SALAKATI	D/C	46	95	0	0	0	
<b>ER-NER</b>						<b>1.0</b>	<b>0.0</b>	<b>1.0</b>	
<b>Import/Export of NR (With NER)</b>									
29	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0	12	-11.5	
<b>NR-NER</b>						<b>0.0</b>	<b>11.5</b>	<b>-11.5</b>	
<b>Import/Export of WR (With NR)</b>									
30	HVDC	V'CHAL B/B	D/C	400	0	8.3	0.0	8.3	
31	765 KV	GWALIOR-AGRA	D/C	0	3038	0.0	63.7	-63.7	
32	765 KV	PHAGI-GWALIOR	D/C	0	1059	0	20.9	-20.9	
33	400 KV	ZERDA-KANKROLI	S/C	305	0	3.3	0.0	3.3	
34	400 KV	ZERDA -BHINMAL	S/C	293	78	1.4	0.0	1.4	
35	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
36	220 KV	BADOD-KOTA	S/C	52	0	0.9	0.0	0.9	
37		BADOD-MORAK	S/C	30	41	0.1	0.2	-0.1	
38		MEHGAON-AURAIYA	S/C	72	0	1.4	0.0	1.4	
39		MALANPUR-AURAIYA	S/C	32	0	0.5	0.0	0.5	
40	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>15.9</b>	<b>84.8</b>	<b>-68.9</b>	
41	HVDC	APL -MHG	D/C	0	2520	0	53	-53.2	
<b>Import/Export of WR (With SR)</b>									
42	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.0	-23.0	
43	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
44	765 KV	SOLAPUR-RAICHUR	D/C	0	1939	0.0	38.8	-38.8	
	400 KV	KOLHAPUR-KUDGI	D/C	195	0	4.2	0.0	4.2	
45	220 KV	KOLHAPUR-CHIKODI	D/C	0	205	0.0	3.4	-3.4	
46		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
47		XELDEM-AMBEWADI	S/C	102	0	2.2	0.0	2.2	
<b>WR-SR</b>						<b>6.4</b>	<b>65.2</b>	<b>-58.8</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
47		BHUTAN						4.3	
48		NEPAL						-4.5	
49		BANGLADESH						-7.1	