



**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: 22<sup>nd</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, शिल्लोंग - 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 21.12.2015.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 21<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 21<sup>th</sup> Dec 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/22.12.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/22.12.15_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

22-Dec-15

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39878	43079	32963	16687	2175	134782
Peak Shortage (MW)	1701	171	1100	450	112	3534
Energy Met (MU)	833	978	757	330	35	2933
Hydro Gen(MU)	120	23	53	18	10	225
Wind Gen(MU)	5	26	14	-----	-----	44

**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	0.41	4.17	23.14	27.71	59.42	12.87
SR GRID	0.00	0.41	4.17	23.14	27.71	59.42	12.87

**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	5286	0	96.5	32.1	-1.3	58
	Haryana	6353	0	111.4	59.2	-1.4	189
	Rajasthan	10104	0	218.7	70.4	1.5	308
	Delhi	3610	0	62.5	48.5	0.2	253
	UP	10693	1190	234.4	102.7	0.4	382
	Uttarakhand	1881	0	35.5	25.7	-0.1	100
	HP	1404	0	26.3	21.0	0.8	154
	J&K	2175	544	44.2	36.8	1.1	192
Chandigarh	215	0	3.8	3.6	0.3	39	
WR	Chhattisgarh	3043	96	70.3	23.6	0.2	277
	Gujarat	12488	26	266.5	69.5	3.9	359
	MP	10503	0	219.2	127.9	-4.5	228
	Maharashtra	19018	15	387.2	94.2	-2.7	564
	Goa	436	0	7.9	8.1	-0.8	43
	DD	289	0	4.5	4.7	-0.2	56
	DNH	668	0	15.7	15.6	0.1	16
	Essar steel	403	0	6.8	5.3	1.5	157
SR	Andhra Pradesh	6092	0	130.6	34.1	0.1	350
	Telangana	5651	0	133.9	81.5	1.0	239
	Karnataka	8162	1500	173.9	47.2	3.2	389
	Kerala	3394	0	63.2	48.3	1.4	419
	Tamil Nadu	12343	0	250.0	105.0	4.6	598
Pondy	284	0	5.6	5.8	-0.1	21	
ER	Bihar	3363	250	66.3	64.0	-0.7	325
	DVC	2477	100	56.6	-7.7	-0.4	305
	Jharkhand	1033	0	22.8	11.6	0.7	135
	Odisha	3558	0	66.4	21.7	1.5	345
	West Bengal	6454	0	115.9	18.8	1.6	425
Sikkim	76	0	1.8	1.3	0.5	26	
NER	Arunachal Pradesh	113	2	1.7	1.2	0.5	73
	Assam	1269	47	19.5	13.6	0.6	260
	Manipur	143	2	2.0	2.3	-0.3	51
	Meghalaya	304	0	5.2	3.5	-0.2	61
	Mizoram	86	2	1.3	0.9	0.3	40
	Nagaland	116	4	1.9	1.3	0.6	58
Tripura	195	4	3.8	-1.0	1.1	65	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.8	-5.2	-8.7
Max MW		-232.1	-468.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	147.8	-160.6	66.7	-65.1	8.9	-2.3
Actual(MU)	156.6	-180.0	77.2	-60.1	12.5	6.2
O/D/U/D(MU)	8.8	-19.4	10.5	5.0	3.6	8.5

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4544	11706	2640	800	822	20512
State Sector	8535	12998	4772	6519	110	32934
Total	13079	24704	7412	7319	931	53446

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 :	22-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	357	0.0	4.3	-4.3	
		GAYA-BALIA	S/C	0	0	0.0	1.0	-1.0	
2		SASARAM-FATEHPUR	S/C	0	0	0.0	5.2	-5.2	
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0.0	0.0	0.0	
4	400 KV	PUSAULI-SARNATH	S/C	337	267	2.1	0.0	2.1	
5		PUSAULI -ALLAHABAD	D/C	99	148	0.4	0.0	0.4	
6		MUZAFFARPUR-GORAKHPUR	D/C	440	76	4.0	0.0	4.0	
7		PATNA-BALIA	Q/C	0	335	0.0	13.4	-13.4	
8		BIHARSHARIFF-BALIA	D/C	134	211	0.0	1.1	-1.1	
		BARH-GORAKHPUR	D/C	0	0	0.0	10.1	-10.1	
10	220 KV	PUSAULI-SAHUPURI	S/C	0	176	0.0	3.1	-3.1	
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
12		GARWAH-RIHAND	S/C	43	0	0.6	0.0	0.6	
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>7.1</b>	<b>38.1</b>	<b>-31.0</b>	
<b>Import/Export of ER (With WR)</b>									
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	0.0	5.8	-5.8	
16		NEW RANCHI-DHARAMJAIGARH	S/C	0	0	0.0	2.1	-2.1	
17	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	1.4	0.0	1.4	
18		JHARSUGUDA-RAIGARH	S/C	0	0	2.7	0.0	2.7	
19		IBEUL-RAIGARH	S/C	0	0	1.5	0.0	1.5	
20		STERLITE-RAIGARH	D/C	0	0	0.0	2.1	-2.1	
21		RANCHI-SIPAT	D/C	313	0	4.1	0.0	4.1	
22	220 KV	BUDHIPADAR-RAIGARH	S/C	0	181	0.0	2.2	-2.2	
23		BUDHIPADAR-KORBA	D/C	62	114	0.0	0.5	-0.5	
<b>ER-WR</b>						<b>9.6</b>	<b>12.7</b>	<b>-3.1</b>	
<b>Import/Export of ER (With SR)</b>									
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	713	0	16.2	-16.2	
25	TALCHER-KOLAR BIPOLE	D/C	0	2449	0	47.5	-47.5		
26	400 KV	TALCHER-I/C		94.6585	909	0	7.506927	-7.5	
27	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0.0	
<b>ER-SR</b>						<b>0.0</b>	<b>63.6</b>	<b>-63.6</b>	
<b>Import/Export of ER (With NER)</b>									
27	400 KV	BINAGURI-BONGAIGAON	Q/C	46	247	0	7	-7	
28	220 KV	BIRPARA-SALAKATI	D/C	14	99	0	0	0	
<b>ER-NER</b>						<b>0.0</b>	<b>7.0</b>	<b>-7.0</b>	
<b>Import/Export of NR (With NER)</b>									
29	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0	8	-7.7	
<b>NR-NER</b>						<b>0.0</b>	<b>7.7</b>	<b>-7.7</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	1017	0	22.0	-22.0	
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>85.9</b>	<b>-70.0</b>	
41	HVDC	APL -MHG	D/C	0	2520	0	53	-53.2	
<b>Import/Export of WR (With SR)</b>									
42	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.0	-23.0	
43	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						3.8	
48		NEPAL						-5.2	
49		BANGLADESH						-8.7	