



**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: 17<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 16.12.2016.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16 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 16<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

17-Dec-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42417	43869	34269	16266	2244	139065
Peak Shortage (MW)	989	33	0	250	27	1299
Energy Met (MU)	866	1016	774	301	37	2994
Hydro Gen(MU)	97	45	27	22	11	202
Wind Gen(MU)	7	23	26	-----	-----	55
Solar Gen (MU)*	2.74	9.86	11.70	0.05	0.02	24

**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	0.053	0.00	0.71	9.57	10.28	68.81	20.91

**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	5657	0	108.1	39.3	0.8	286
	Haryana	6492	0	123.1	77.2	-0.1	151
	Rajasthan	9456	260	207.3	70.6	1.5	243
	Delhi	3381	0	59.3	43.8	1.3	323
	UP	13157	175	273.1	80.1	-0.8	357
	Uttarakhand	1753	0	31.1	19.4	-1.2	57
	HP	1365	0	24.6	20.7	-0.3	112
	J&K	1727	432	35.7	37.7	-6.0	0
WR	Chhattisgarh	3064	0	67.2	12.1	0.1	283
	Gujarat	12878	0	276.5	96.5	-0.9	362
	MP	11339	0	222.4	121.1	-2.4	247
	Maharashtra	19672	0	408.5	127.2	1.1	441
	Goa	441	0	9.0	7.4	1.1	50
	DD	281	0	6.4	6.3	0.1	24
	DNH	686	0	15.7	15.7	0.0	48
	Essar steel	797	0	10.5	9.9	0.6	219
SR	Andhra Pradesh	6128	0	133.6	18.5	0.8	549
	Telangana	7454	0	147.5	70.7	1.0	309
	Karnataka	8151	0	173.5	52.1	4.2	488
	Kerala	3392	0	63.1	53.7	2.7	201
	Tamil Nadu	11444	0	249.9	135.0	-0.9	530
	Pondy	311	0	6.0	6.7	-0.6	17
	Bihar	3542	250	60.9	57.9	1.5	250
ER	DVC	2552	0	56.7	-29.3	-0.6	200
	Jharkhand	1128	0	21.7	14.2	1.8	170
	Odisha	3669	0	65.6	18.7	1.7	150
	West Bengal	6155	0	94.6	22.4	2.5	200
	Sikkim	94	0	1.7	1.3	0.3	10
NER	Arunachal Pradesh	90	3	2.0	1.6	0.4	33
	Assam	1350	8	21.7	16.6	1.7	145
	Manipur	142	1	2.2	2.4	-0.2	29
	Meghalaya	267	0	4.7	3.8	-0.2	19
	Mizoram	85	1	1.6	1.3	0.2	23
	Nagaland	109	1	1.9	1.8	0.0	18
	Tripura	214	0	3.2	1.2	0.0	61

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.2	-7.0	-8.7
Day peak (MW)	329.7	-111.2	-590.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	178.7	-178.7	76.5	-82.8	4.3	-2.0
Actual(MU)	180.0	-198.8	84.8	-75.6	5.4	-4.2
O/D/U/D(MU)	1.3	-20.1	8.3	7.3	1.1	-2.2

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6056	12581	3910	1650	225	24422
State Sector	9855	18274	7322	6424	110	41985
Total	15911	30855	11232	8074	334	66407

\*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 : 17-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	439	0.0	13.6	-13.6
2		SASARAM-FATEHPUR	S/C	149	152	0.2	0.0	0.2
3		GAYA-BALIA	S/C	0	335	0.0	5.9	-5.9
4	HVDC LINK	PUSAULI B/B	S/C	0	348	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	0	275	0.0	6.3	-6.3
6		PUSAULI -ALLAHABAD	S/C	0	106	0.0	1.9	-1.9
7		MUZAFFARPUR-GORAKHPUR	D/C	25	459	0.0	7.1	-7.1
8		PATNA-BALIA	Q/C	0	1071	0.0	16.2	-16.2
9		BIHARSHARIFF-BALIA	D/C	164	221	0.0	2.4	-2.4
10		BARH-GORAKHPUR	D/C	0	653	0.0	12.9	-12.9
11		BIHARSHARIFF-VARANASI	D/C	32	0	0.0	1.3	-1.3
12	220 KV	PUSAULI-SAHUPURI	S/C	0	171	0.0	3.0	-3.0
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.6	0.0	0.6
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>0.7</b>	<b>70.8</b>	<b>-70.1</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	235	611	0.0	5.6	-5.6
18		NEW RANCHI-DHARAMJAIGARH	D/C	425	180	2.8	0.0	2.8
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	141	0	1.4	0.0	1.4
20		JHARSUGUDA-RAIGARH	S/C	126	0	2.2	0.0	2.2
21		IBEUL-RAIGARH	S/C	90	0	1.5	0.0	1.5
22		STERLITE-RAIGARH	D/C	43	188	0.0	1.4	-1.4
23		RANCHI-SIPAT	D/C	226	10	2.3	0.0	2.3
24	220 KV	BUDHIPADAR-RAIGARH	S/C	53	59	0.0	0.2	-0.2
25		BUDHIPADAR-KORBA	D/C	148	0	2.0	0.0	2.0
<b>ER-WR</b>						<b>12.3</b>	<b>7.2</b>	<b>5.1</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	336	0.0	14.8	-14.8
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2452	0.0	47.0	-47.0
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-I/C		439.4	212	5.9	0.1	5.8
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>5.9</b>	<b>61.7</b>	<b>-61.7</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	553	192	5.4	0.0	5
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.5	0.0	1
<b>ER-NER</b>						<b>5.9</b>	<b>0.0</b>	<b>5.9</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	1.2	0.0	1.2
35	HVDC	APL -MHG	D/C	0	2519	0.0	55.1	-55.1
36	765 KV	GWALIOR-AGRA	D/C	0	2660	0.0	53.1	-53.1
37	765 KV	PHAGI-GWALIOR	D/C	0	1688	0.0	32.8	-32.8
38	400 KV	ZERDA-KANKROLI	S/C	126	25	1.1	0.0	1.1
39	400 KV	ZERDA -BHINMAL	S/C	60	155	0.0	1.4	-1.4
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
41	400KV	RAPP-SHUJALPUR	D/C	0	429	0	8	-8
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>5.4</b>	<b>150.6</b>	<b>-145.3</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	16.7	-16.7
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	0	2291	0.0	43.1	-43.1
50	400 KV	KOLHAPUR-KUDGI	D/C	0	319	0.0	0.0	0.0
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>1.6</b>	<b>65.6</b>	<b>-64.0</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						6.2
55		NEPAL						-7.0
56		BANGLADESH						-8.7