



**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: 14<sup>th</sup> Jan 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, 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, शिलोंग - 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 13.01.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 13 जनवरी 2017 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 13 January 2017, is available at the NLDC website.

Thanking You.



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

Report for previous day

Date of Reporting

14-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44273	41881	36225	17019	2314	141712
Peak Shortage (MW)	626	0	0	280	39	945
Energy Met (MU)	907	990	863	327	39	3126
Hydro Gen(MU)	98	51	49	20	8	226
Wind Gen(MU)	16	33	20	-----	-----	69
Solar Gen (MU)*	2.78	10.63	13.40	0.04	0.02	27

**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	0.043	0.00	0.07	6.33	6.40	69.90	23.70

**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	5375	0	99.2	41.1	1.1	246
	Haryana	6553	0	121.8	66.7	-0.7	361
	Rajasthan	10095	0	217.0	72.9	4.0	373
	Delhi	3998	0	67.5	54.1	1.2	358
	UP	13715	0	288.2	88.9	1.3	301
	Uttarakhand	1931	0	34.9	22.6	1.3	213
	HP	1429	0	26.0	20.8	1.0	195
	J&K	2253	563	49.0	40.5	4.7	326
WR	Chandigarh	239	0	3.9	3.9	0.0	20
	Chhattisgarh	3173	0	71.8	10.1	-1.2	188
	Gujarat	12956	0	268.8	79.2	-4.2	449
	MP	11207	0	208.1	121.1	-1.6	307
	Maharashtra	19728	0	400.3	126.1	1.3	478
	Goa	421	0	8.5	8.3	-0.3	89
	DD	293	0	6.5	6.6	-0.1	3
	DNH	724	0	16.5	16.7	-0.2	16
SR	Essar steel	483	0	9.3	9.5	-0.2	174
	Andhra Pradesh	7029	0	146.2	7.4	0.2	500
	Telangana	8391	0	159.2	70.3	3.9	356
	Karnataka	9530	0	201.2	68.0	4.1	395
	Kerala	3408	0	64.1	54.6	2.2	337
	Tamil Nadu	13545	0	285.9	141.7	0.7	717
ER	Pondy	299	0	6.1	6.5	-0.4	41
	Bihar	3660	0	61.6	60.0	-2.5	120
	DVC	2706	0	68.2	-38.0	2.1	150
	Jharkhand	1180	0	21.1	17.2	2.4	140
	Odisha	3888	0	70.7	16.3	-0.2	160
	West Bengal	6581	0	104.0	27.0	-0.7	200
NER	Sikkim	100	0	1.7	1.5	0.1	15
	Arunachal Pradesh	108	2	2.1	1.9	0.2	11
	Assam	1375	5	22.2	16.5	1.6	215
	Manipur	149	1	2.3	2.4	0.0	20
	Meghalaya	291	0	4.8	4.7	-0.4	0
	Mizoram	91	0	1.5	1.3	0.2	0
	Nagaland	114	1	2.2	1.8	0.4	3
Tripura	216	0	3.3	2.0	-0.2	10	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.1	-6.3	-6.5
Day peak (MW)	211.6	-398.2	-597.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	214.6	-218.0	75.6	-76.3	3.1	-1.0
Actual(MU)	206.3	-228.0	82.0	-69.9	4.2	-5.4
O/D/U/D(MU)	-8.3	-10.0	6.4	6.4	1.1	-4.4

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6754	10119	3520	1450	84	21927
State Sector	9525	20719	6272	5484	110	42110
Total	16279	30838	9792	6934	193	64037

\*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(पोसीको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 14-Jan-17
								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	408	0.0	14.7	-14.7
2		SASARAM-FATEHPUR	S/C	92	179	0.0	0.1	-0.1
3		GAYA-BALIA	S/C	0	309	0.0	6.0	-6.0
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	6.0	-6.0
5	400 KV	PUSAULI-SARNATH	S/C	0	228	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	53	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	10	332	0.0	5.4	-5.4
8		PATNA-BALIA	Q/C	0	1069	0.0	14.8	-14.8
9		BIHARSHARIFF-BALIA	D/C	32	236	0.0	3.0	-3.0
10	132 KV	BARH-GORAKHPUR	D/C	0	576	0.0	12.1	-12.1
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.7	-1.7
12		220 KV	PUSAULI-SAHUPURI	S/C	0	162	0.0	2.5
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.4	0.0	0.4
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>0.4</b>	<b>66.2</b>	<b>-65.8</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	695	0.0	9.1	-9.1
18		NEW RANCHI-DHARAMJAIGARH	D/C	435	73	3.2	0.0	3.2
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	125	25	0.5	0.0	0.5
20		JHARSUGUDA-RAIGARH	S/C	126	0	1.1	0.0	1.1
21		IBEUL-RAIGARH	S/C	93	0	0.8	0.0	0.8
22		STERLITE-RAIGARH	D/C	0	279	0.0	4.2	-4.2
23		RANCHI-SIPAT	D/C	246	0	2.6	0.0	2.6
24	220 KV	BUDHIPADAR-RAIGARH	S/C	69	63	0.1	0.0	0.1
25		BUDHIPADAR-KORBA	D/C	221	0	3.6	0.0	3.6
<b>ER-WR</b>						<b>11.9</b>	<b>13.3</b>	<b>-1.3</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	648	0.0	12.8	-12.8
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2450	0.0	44.6	-44.6
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-I/C		0.0	0	0.0	0.1	-0.1
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>57.4</b>	<b>-57.4</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	D/C	510	160	3.0	0.0	3
32		ALIPURDUAR-BONGAIGAON	D/C	385	151	3.5	0.0	3
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.6	0.0	1
<b>ER-NER</b>						<b>7.1</b>	<b>0.0</b>	<b>7.1</b>
<b>Import/Export of NR (With NER)</b>								
34	HVDC LINK	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>								
35	HVDC LINK	V'CHAL B/B	D/C	500	50	10.8	0.1	10.7
36	HVDC LINK	APL-MHG	D/C	0	2519	0.0	59.4	-59.4
37	765 KV	GWALIOR-AGRA	D/C	0	3280	0.0	63.2	-63.2
38	765 KV	PHAGI-GWALIOR	D/C	0	1636	0.0	35.6	-35.6
39	400 KV	ZERDA-KANKROLI	S/C	177	82	1.0	0.0	1.0
40	400 KV	ZERDA -BHINMAL	S/C	99	241	0.0	1.4	-1.4
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	530	0	9	-9
43	220 KV	BADOD-KOTA	S/C	43	12	0.4	0.0	0.4
44		BADOD-MORAK	S/C	0	65	0.0	0.7	-0.7
45		MEHGAON-AURAIYA	S/C	72	0	1.2	0.0	1.2
46		MALANPUR-AURAIYA	S/C	26	0	0.3	0.0	0.3
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>13.7</b>	<b>169.1</b>	<b>-155.4</b>
<b>Import/Export of WR (With SR)</b>								
48	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.7	-23.7
49	HVDC LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2141	0.0	42.5	-42.5
51	400 KV	KOLHAPUR-KUDGI	D/C	0	431	0.0	4.4	-4.4
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	278	0.0	5.6	-5.6
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	85	0	1.5	0.0	1.5
<b>WR-SR</b>						<b>1.5</b>	<b>76.2</b>	<b>-74.8</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						3.1
55		NEPAL						-6.3
56		BANGLADESH						-6.5