



**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: 10<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, 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 09.01.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09 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 09 January 2017, 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

10-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40006	42689	36978	17118	2244	139035
Peak Shortage (MW)	1756	21	0	150	34	1961
Energy Met (MU)	844	1002	854	318	36	3055
Hydro Gen(MU)	100	43	38	17	11	208
Wind Gen(MU)	22	44	18	-----	-----	83
Solar Gen (MU)*	0.13	8.54	16.60	0.04	0.02	25

**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	0.037	0.00	0.02	3.90	3.92	73.47	22.60

**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	5165	0	93.9	40.1	0.5	211
	Haryana	5973	0	110.0	70.5	-1.2	258
	Rajasthan	9733	0	208.6	67.2	2.2	284
	Delhi	3678	0	61.5	48.6	0.7	217
	UP	12714	30	267.8	84.4	-1.3	268
	Uttarakhand	1745	0	32.1	16.5	-0.9	129
	HP	1296	50	23.2	19.6	-0.7	101
	J&K	2050	513	43.1	39.0	0.2	131
WR	Chandigarh	218	0	3.6	3.7	-0.1	21
	Chhattisgarh	3232	0	72.2	10.3	-0.5	296
	Gujarat	13195	0	275.4	73.9	-1.3	459
	MP	9819	0	207.5	122.7	-3.7	224
	Maharashtra	20342	0	408.3	143.3	0.7	508
	Goa	431	0	8.3	8.4	-0.8	74
	DD	292	0	6.4	6.3	0.0	41
	DNH	727	0	16.4	16.6	-0.2	30
SR	Essar steel	474	0	7.8	7.2	0.7	310
	Andhra Pradesh	6878	0	150.0	5.3	0.3	482
	Telangana	8033	0	156.1	69.0	1.3	262
	Karnataka	9214	0	198.0	73.0	4.2	694
	Kerala	3433	0	63.6	55.1	1.9	182
	Tamil Nadu	13224	0	279.7	148.3	2.3	841
	Pondy	312	0	6.1	6.6	-0.5	20
	ER	Bihar	3580	150	61.7	58.6	-0.4
DVC		2658	0	60.8	-29.7	-0.2	250
Jharkhand		1212	0	22.1	14.8	1.6	185
Odisha		3684	0	68.2	21.3	0.8	270
West Bengal		6353	0	103.2	20.6	2.2	300
Sikkim		123	0	2.2	1.5	0.7	24
NER	Arunachal Pradesh	98	2	2.0	1.5	0.4	15
	Assam	1365	6	21.2	15.2	2.0	162
	Manipur	139	3	2.2	2.2	0.0	22
	Meghalaya	263	0	4.4	4.2	-0.1	4
	Mizoram	81	1	1.3	1.1	0.2	19
	Nagaland	109	2	1.9	1.6	0.2	9
	Tripura	208	0	3.3	0.8	0.6	25

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.1	-3.6	-1.7
Day peak (MW)	185.7	-32.2	-104.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	200.8	-197.1	75.9	-76.5	4.7	7.8
Actual(MU)	202.0	-200.3	75.7	-76.5	8.1	9.0
O/D/U/D(MU)	1.2	-3.2	-0.2	0.0	3.4	1.2

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6754	10916	2760	1450	422	22302
State Sector	11655	20814	6862	5764	110	45205
Total	18409	31730	9622	7214	531	67507

\*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 : 10-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	435	0.0	12.7	-12.7
2		SASARAM-FATEHPUR	S/C	136	103	0.7	0.0	0.7
3		GAYA-BALIA	S/C	0	360	0.0	6.3	-6.3
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
5	400 KV	PUSAULI-SARNATH	S/C	0	236	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	52	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	140	322	0.0	3.1	-3.1
8		PATNA-BALIA	Q/C	0	839	0.0	15.8	-15.8
9		BIHARSHARIFF-BALIA	D/C	83	175	0.0	2.1	-2.1
10		BARH-GORAKHPUR	D/C	0	290	0.0	11.1	-11.1
11	BIHARSHARIFF-VARANASI	D/C	23	0	0.0	0.2	-0.2	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	156	0.0	5.6	-5.6
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.5	0.0	0.5
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>1.2</b>	<b>62.8</b>	<b>-61.5</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	931	0.0	12.2	-12.2
18		NEW RANCHI-DHARAMJAIGARH	D/C	353	76	3.1	0.0	3.1
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	156	18	0.6	0.0	0.6
20		JHARSUGUDA-RAIGARH	S/C	143	0	1.1	0.0	1.1
21		IBEUL-RAIGARH	S/C	132	0	1.3	0.0	1.3
22		STERLITE-RAIGARH	D/C	22	206	0.0	2.2	-2.2
23		RANCHI-SIPAT	D/C	265	0	2.5	0.0	2.5
24	220 KV	BUDHIPADAR-RAIGARH	S/C	32	93	0.0	0.8	-0.8
25		BUDHIPADAR-KORBA	D/C	184	0	3.0	0.0	3.0
<b>ER-WR</b>						<b>11.6</b>	<b>15.1</b>	<b>-3.6</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	336	0.0	14.1	-14.1
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2452	0.0	42.6	-42.6
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-1/C		0.0	0	0.0	0.0	0.0
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>56.8</b>	<b>-56.8</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	D/C	358	494	0.8	0.0	1
32		ALIPURDUAR-BONGAIGAON	D/C	235	370	1.8	0.0	2
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.3	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>								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	11.8	11.8
<b>NR-NER</b>						<b>0.0</b>	<b>11.8</b>	<b>11.8</b>
<b>Import/Export of WR (With NR)</b>								
35	HVDC	V'CHAL B/B	D/C	500	50	9.2	0.1	9.1
36	HVDC	APL-MHG	D/C	0	2518	0.0	57.0	-57.0
37	765 KV	GWALIOR-AGRA	D/C	0	2852	0.0	58.7	-58.7
38	765 KV	PHAGI-GWALIOR	D/C	0	1498	0.0	29.3	-29.3
39	400 KV	ZERDA-KANKROLI	S/C	170	93	0.8	0.0	0.8
40	400 KV	ZERDA -BHINMAL	S/C	128	200	0.0	0.9	-0.9
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	444	0	6	-6
43	220 KV	BADOD-KOTA	S/C	63	0	0.9	0.0	0.9
44		BADOD-MORAK	S/C	11	43	0.0	0.3	-0.3
45		MEHGAON-AURAIYA	S/C	65	0	1.1	0.0	1.1
46		MALANPUR-AURAIYA	S/C	25	3	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>12.3</b>	<b>152.8</b>	<b>-140.5</b>
<b>Import/Export of WR (With SR)</b>								
48	HVDC	BHADRAWATI B/B	-	0	800	0.0	0.0	0.0
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2234	0.0	40.1	-40.1
51	400 KV	KOLHAPUR-KUDGI	D/C	0	362	0.0	4.1	-4.1
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	289	0.0	5.6	-5.6
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	82	0	1.5	0.0	1.5
<b>WR-SR</b>						<b>1.5</b>	<b>49.7</b>	<b>-48.3</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						3.1
55		NEPAL						-3.6
56		BANGLADESH						-1.7