



**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: 09<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 08.01.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08 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 08 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

9-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39658	40343	34078	16730	2197	133006
Peak Shortage (MW)	627	10	0	300	15	952
Energy Met (MU)	822	989	822	313	36	2982
Hydro Gen(MU)	100	44	28	20	11	203
Wind Gen(MU)	21	27	16	-----	-----	63
Solar Gen (MU)*	2.20	9.22	15.80	0.04	0.03	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	0.040	0.00	0.00	2.30	2.30	69.57	28.13

**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	4522	0	90.5	38.7	0.6	211
	Haryana	5603	0	102.7	63.6	-1.3	261
	Rajasthan	9497	0	207.1	71.5	-0.1	283
	Delhi	3479	0	57.0	44.2	1.3	332
	UP	12788	0	268.3	89.9	0.0	25
	Uttarakhand	1680	0	29.0	14.3	-1.3	107
	HP	1021	148	20.9	17.8	-1.3	42
	J&K	2133	533	43.5	35.3	4.2	411
WR	Chhattisgarh	193	0	3.3	3.3	-0.1	16
	Gujarat	3090	0	71.7	6.8	-1.1	220
	MP	12785	0	271.7	81.2	1.7	491
	Maharashtra	9859	0	212.5	131.9	-2.3	212
	Goa	19735	0	395.0	134.7	-2.1	506
	DD	376	0	7.8	8.3	-1.1	3
	DNH	263	0	6.1	6.2	-0.1	9
	Essar steel	703	0	16.2	16.4	-0.2	22
SR	Andhra Pradesh	419	0	8.1	7.9	0.1	212
	Telangana	6979	0	145.1	5.2	1.1	902
	Karnataka	8009	0	153.4	67.2	0.5	349
	Kerala	8923	0	189.8	71.8	4.3	627
	Tamil Nadu	3121	0	58.6	52.6	1.9	221
	Pondy	12441	0	269.0	145.9	0.8	676
ER	Bihar	273	0	5.7	6.1	-0.4	24
	DVC	3609	100	64.1	61.0	-2.7	345
	Jharkhand	2658	0	61.3	-26.5	0.2	365
	Odisha	1126	0	23.8	14.9	1.3	145
	West Bengal	3818	0	67.7	20.1	1.4	398
NER	Sikkim	5932	0	93.6	18.7	0.8	425
	Arunachal Pradesh	112	0	2.2	1.5	0.7	20
	Assam	116	1	1.9	1.8	0.2	15
	Manipur	1295	0	21.2	15.4	1.7	162
	Meghalaya	139	2	2.2	2.3	-0.1	22
	Mizoram	251	0	4.4	4.3	-0.2	4
	Nagaland	85	1	1.4	1.1	0.2	19
Tripura	114	1	1.8	1.7	0.0	9	
		205	2	3.1	1.1	0.1	25

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.5	-7.1	-10.0
Day peak (MW)	216.9	-338.2	-616.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	181.9	-183.7	66.3	-69.5	5.1	0.0
Actual(MU)	172.0	-187.3	69.9	-69.0	7.0	-7.4
O/D/U/D(MU)	-9.9	-3.5	3.6	0.6	1.9	-7.4

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6754	10916	2760	1100	422	21952
State Sector	11655	18486	7012	6224	110	43487
Total	18409	29402	9772	7324	531	65439

\*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 :	9-Jan-17
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-VARANASI	D/C	0	393	0.0	12.0	-12.0	
2		SASARAM-FATEHPUR	S/C	163	78	0.0	0.9	-0.9	
3		GAYA-BALIA	S/C	0	356	0.0	5.9	-5.9	
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0	
5	400 KV	PUSAULI-SARNATH	S/C	0	225	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	59	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	154	311	0.0	3.8	-3.8	
8		PATNA-BALIA	Q/C	0	748	0.0	16.3	-16.3	
9		BIHARSHARIFF-BALIA	D/C	47	173	0.0	2.6	-2.6	
10	400 KV	BARH-GORAKHPUR	D/C	0	290	0.0	10.6	-10.6	
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	0.5	-0.5	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	149	0.0	2.4	-2.4	
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>0.5</b>	<b>60.9</b>	<b>-60.4</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	841	0.0	14.1	-14.1	
18		NEW RANCHI-DHARAMJAIGARH	D/C	415	144	2.6	0.0	2.6	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	114	106	0.0	0.0	0.0	
20		JHARSUGUDA-RAIGARH	S/C	122	107	0.6	0.0	0.6	
21		IBEUL-RAIGARH	S/C	87	73	0.4	0.0	0.4	
22		STERLITE-RAIGARH	D/C	0	254	0.0	3.1	-3.1	
23		RANCHI-SIPAT	D/C	279	36	3.1	0.0	3.1	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	153	0.0	1.9	-1.9	
25		BUDHIPADAR-KORBA	D/C	171	0	2.5	0.0	2.5	
<b>ER-WR</b>						<b>9.3</b>	<b>19.0</b>	<b>-9.7</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	263	0.0	10.0	-10.0	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	1774	0.0	37.7	-37.7	
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	0.0	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>47.8</b>	<b>-47.8</b>	
<b>Import/Export of ER (With NER)</b>									
31	400 KV	BINAGURI-BONGAIGAON	D/C	432	400	1.3	0.0	1	
32		ALIPURDUAR-BONGAIGAON	D/C	294	304	3.0	0.0	3	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.4	0.0	0	
<b>ER-NER</b>						<b>4.7</b>	<b>0.0</b>	<b>4.7</b>	
<b>Import/Export of NR (With NER)</b>									
34	HVDC LINK	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.3	12.3	
<b>NR-NER</b>						<b>0.0</b>	<b>12.3</b>	<b>12.3</b>	
<b>Import/Export of WR (With NR)</b>									
35	HVDC LINK	V'CHAL B/B	D/C	500	0	9.4	0.0	9.4	
36	HVDC LINK	APL -MHG	D/C	0	2186	0.0	51.5	-51.5	
37	765 KV	GWALIOR-AGRA	D/C	0	2652	0.0	54.8	-54.8	
38	765 KV	PHAGI-GWALIOR	D/C	0	1518	0.0	29.1	-29.1	
39	400 KV	ZERDA-KANKROLI	S/C	154	56	0.5	0.0	0.5	
40	400 KV	ZERDA -BHINMAL	S/C	95	183	0.0	0.1	-0.1	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	401	0	7	-7	
43	220 KV	BADOD-KOTA	S/C	62	0	0.7	0.0	0.7	
44		BADOD-MORAK	S/C	24	39	0.1	0.3	-0.2	
45		MEHGAON-AURAIYA	S/C	70	0	1.3	0.0	1.3	
46		MALANPUR-AURAIYA	S/C	24	3	0.4	0.0	0.4	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>12.4</b>	<b>142.5</b>	<b>-130.1</b>	
<b>Import/Export of WR (With SR)</b>									
48	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	22.9	-22.9	
49	HVDC LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2006	0.0	39.6	-39.6	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	274	0.0	4.2	-4.2	
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	80	0	1.3	0.0	1.3	
<b>WR-SR</b>						<b>1.3</b>	<b>72.3</b>	<b>-71.0</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						3.5	
55		NEPAL						-7.1	
56		BANGLADESH						-10.0	