



**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: 08<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 07.01.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07 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 07 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

8-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41184	43194	36837	17215	2300	140730
Peak Shortage (MW)	599	11	0	200	64	874
Energy Met (MU)	792	1013	857	319	38	3018
Hydro Gen(MU)	99	46	41	20	11	217
Wind Gen(MU)	9	18	13	-----	-----	40
Solar Gen (MU)*	1.96	7.90	15.50	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	0.047	0.00	0.03	7.58	7.62	69.68	22.71

**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	4940	0	91.7	39.2	1.2	197
	Haryana	6156	0	99.8	64.6	-1.8	315
	Rajasthan	9549	0	211.4	72.7	2.3	271
	Delhi	3333	0	57.8	45.2	0.6	304
	UP	12771	0	250.2	75.8	0.4	787
	Uttarakhand	1539	0	25.6	13.3	-3.1	151
	HP	1102	110	20.1	18.9	-3.6	37
	J&K	2028	507	32.2	32.8	-4.6	289
WR	Chandigarh	184	0	3.4	3.5	-0.1	17
	Chhattisgarh	3144	0	72.5	7.2	0.0	155
	Gujarat	13297	0	279.7	91.3	-2.4	439
	MP	9996	0	215.5	137.9	-3.1	303
	Maharashtra	20321	0	403.8	138.2	0.6	564
	Goa	525	0	8.6	8.4	-0.3	1
	DD	296	0	6.6	6.5	0.1	42
	DNH	723	0	16.5	16.7	-0.2	18
SR	Essar steel	472	0	9.3	9.9	-0.6	129
	Andhra Pradesh	7000	0	148.3	3.4	1.0	533
	Telangana	8137	0	156.8	66.4	1.4	575
	Karnataka	9341	0	199.1	69.0	3.5	600
	Kerala	3304	0	63.5	54.7	2.1	202
	Tamil Nadu	13408	0	283.3	153.6	1.9	568
	Pondy	319	0	6.4	6.6	-0.2	22
	ER	Bihar	3685	200	62.8	58.8	-1.7
DVC		2658	0	61.0	-30.6	-1.4	325
Jharkhand		1127	0	24.1	16.3	1.7	185
Odisha		3852	0	67.4	23.0	0.6	365
West Bengal		6108	0	101.4	23.9	1.0	398
NER	Sikkim	120	0	2.1	1.6	0.6	25
	Arunachal Pradesh	119	3	1.7	1.8	-0.1	15
	Assam	1381	14	22.0	16.9	1.3	162
	Manipur	139	6	2.2	2.4	-0.2	22
	Meghalaya	297	0	4.9	4.3	-0.2	4
	Mizoram	86	1	1.5	1.3	0.2	19
	Nagaland	107	4	1.8	1.7	0.0	9
Tripura	206	0	3.3	1.8	-0.5	25	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.4	-7.1	-9.0
Day peak (MW)	278.4	-329.5	-601.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	175.2	-182.0	71.6	-73.6	7.8	-1.0
Actual(MU)	161.9	-183.9	82.9	-72.0	8.1	-3.0
O/D/U/D(MU)	-13.3	-1.9	11.3	1.6	0.3	-2.0

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	7174	10916	2760	1100	422	22372
State Sector	12465	18594	7012	6224	110	44405
Total	19639	29510	9772	7324	531	66777

\*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 :	8-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	403	0.0	11.0	-11.0	
2		SASARAM-FATEHPUR	S/C	224	82	1.0	0.0	1.0	
3		GAYA-BALIA	S/C	0	402	0.0	6.1	-6.1	
4	HVDC LINK	PUSAULI B/B	S/C	0	249	0.0	6.1	-6.1	
5	400 KV	PUSAULI-SARNATH	S/C	0	215	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	77	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	63	287	0.0	3.7	-3.7	
8		PATNA-BALIA	Q/C	0	897	0.0	16.0	-16.0	
9		BIHARSHARIFF-BALIA	D/C	18	327	0.0	3.6	-3.6	
10	400 KV	BARH-GORAKHPUR	D/C	0	290	0.0	10.6	-10.6	
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.8	-1.8	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	158	0.0	2.6	-2.6	
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>1.5</b>	<b>61.4</b>	<b>-59.9</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	25	731	0.0	10.3	-10.3	
18		NEW RANCHI-DHARAMJAIGARH	D/C	497	125	1.9	0.0	1.9	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	135	29	0.7	0.0	0.7	
20		JHARSUGUDA-RAIGARH	S/C	142	16	1.3	0.0	1.3	
21		IBEUL-RAIGARH	S/C	103	8	0.9	0.0	0.9	
22		STERLITE-RAIGARH	D/C	71	142	0.0	0.8	-0.8	
23		RANCHI-SIPAT	D/C	280	0	2.4	0.0	2.4	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	3	138	0.0	1.4	-1.4	
25		BUDHIPADAR-KORBA	D/C	169	0	2.6	0.0	2.6	
<b>ER-WR</b>						<b>9.8</b>	<b>12.5</b>	<b>-2.7</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	332	0.0	8.8	-8.8	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2448	0.0	48.3	-48.3	
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>57.1</b>	<b>-57.1</b>	
<b>Import/Export of ER (With NER)</b>									
31	400 KV	BINAGURI-BONGAIGAON	D/C	432	102	1.0	0.0	1	
32		ALIPURDUAR-BONGAIGAON	D/C	294	100	2.2	0.0	2	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.4	0.0	0	
<b>ER-NER</b>						<b>3.6</b>	<b>0.0</b>	<b>3.6</b>	
<b>Import/Export of NR (With NER)</b>									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.1	12.1	
<b>NR-NER</b>						<b>0.0</b>	<b>12.1</b>	<b>12.1</b>	
<b>Import/Export of WR (With NR)</b>									
35	HVDC	V'CHAL B/B	D/C	500	100	10.2	0.0	10.2	
36	HVDC	APL-MHG	D/C	0	2519	0.0	44.2	-44.2	
37	765 KV	GWALIOR-AGRA	D/C	0	3090	0.0	53.2	-53.2	
38	765 KV	PHAGI-GWALIOR	D/C	0	1596	0.0	26.0	-26.0	
39	400 KV	ZERDA-KANKROLI	S/C	154	126	0.2	0.0	0.2	
40	400 KV	ZERDA -BHINMAL	S/C	82	224	0.0	0.2	-0.2	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	467	0	6	-6	
43	220 KV	BADOD-KOTA	S/C	74	0	0.9	0.0	0.9	
44		BADOD-MORAK	S/C	40	33	0.2	0.2	0.0	
45		MEHGAON-AURAIYA	S/C	76	0	1.4	0.0	1.4	
46		MALANPUR-AURAIYA	S/C	37	5	0.5	0.0	0.5	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>13.4</b>	<b>129.5</b>	<b>-116.1</b>	
<b>Import/Export of WR (With SR)</b>									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.1	-24.1	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2422	0.0	42.1	-42.1	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	360	0.0	3.8	-3.8	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	289	0.0	5.7	-5.7	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	76	0	1.3	0.0	1.3	
<b>WR-SR</b>						<b>1.3</b>	<b>75.7</b>	<b>-74.4</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						3.4	
55		NEPAL						-7.1	
56		BANGLADESH						-9.0	