



**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: 06<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 05.01.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05 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 05 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

6-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	43461	43697	37427	16775	2228	143588
Peak Shortage (MW)	490	33	0	100	57	680
Energy Met (MU)	881	1017	872	323	37	3129
Hydro Gen(MU)	97	59	44	24	8	233
Wind Gen(MU)	3	8	19	-----	-----	30
Solar Gen (MU)*	0.29	9.63	15.20	0.05	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	0.052	0.00	0.57	11.26	11.83	67.73	20.44

**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	5419	0	103.8	39.4	1.6	247
	Haryana	6308	0	117.5	81.7	-0.1	303
	Rajasthan	9757	0	212.2	75.9	2.3	595
	Delhi	3493	0	59.1	46.5	0.9	120
	UP	13734	0	282.9	83.6	-0.2	375
	Uttarakhand	1886	0	34.0	18.3	1.2	114
	HP	1406	0	25.6	21.1	0.8	173
	J&K	1961	490	42.3	38.1	0.5	141
WR	Chandigarh	198	0	3.3	3.4	0.0	198
	Chhattisgarh	3246	0	71.3	11.2	-0.6	235
	Gujarat	13411	0	284.1	81.6	1.2	609
	MP	11171	0	215.1	122.2	-0.1	311
	Maharashtra	20256	0	405.7	128.9	-0.8	559
	Goa	429	0	8.9	8.4	0.0	44
	DD	292	0	6.5	6.4	0.2	45
	DNH	719	0	16.2	16.3	-0.1	26
SR	Essar steel	466	0	9.2	9.9	-0.6	155
	Andhra Pradesh	7100	0	152.0	7.4	4.2	530
	Telangana	8145	0	156.9	66.6	1.4	345
	Karnataka	9335	0	197.0	67.2	3.5	478
	Kerala	3431	0	64.4	54.7	2.1	233
	Tamil Nadu	13840	0	295.0	148.8	2.0	588
	Pondy	319	0	6.4	6.9	-0.6	30
	ER	Bihar	3505	0	61.8	60.0	-2.2
DVC		2403	0	60.2	-32.0	0.1	150
Jharkhand		1176	0	23.4	14.7	2.0	125
Odisha		4121	0	72.1	26.4	0.5	200
West Bengal		6468	0	103.5	24.2	2.8	200
NER	Sikkim	97	0	1.7	1.6	0.1	12
	Arunachal Pradesh	120	2	1.9	1.8	0.1	26
	Assam	1290	39	21.0	17.3	0.5	172
	Manipur	145	1	2.1	1.9	0.2	43
	Meghalaya	282	0	4.7	3.7	0.0	72
	Mizoram	85	1	1.6	1.5	0.0	21
	Nagaland	112	1	2.1	1.9	0.1	32
Tripura	207	0	3.3	1.4	0.0	50	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.2	-7.2	-10.0
Day peak (MW)	220.2	-315.5	-598.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	198.1	-201.6	69.9	-69.4	7.4	4.4
Actual(MU)	203.4	-212.6	72.8	-70.1	12.4	5.9
O/D/U/D(MU)	5.3	-10.9	2.9	-0.8	5.0	1.5

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6674	11986	2760	1600	785	23805
State Sector	10630	18416	6752	5974	110	41882
Total	17304	30402	9512	7574	894	65687

\*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 : 6-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	427	0.0	14.2	-14.2
2		SASARAM-FATEHPUR	S/C	37	161	0.0	1.6	-1.6
3		GAYA-BALIA	S/C	0	382	0.0	7.1	-7.1
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
5	400 KV	PUSAULI-SARNATH	S/C	0	224	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	82	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	56	372	0.0	4.6	-4.6
8		PATNA-BALIA	Q/C	0	956	0.0	17.3	-17.3
9		BIHARSHARIFF-BALIA	D/C	22	171	0.0	2.5	-2.5
10		BARH-GORAKHPUR	D/C	0	580	0.0	9.5	-9.5
11	BIHARSHARIFF-VARANASI	D/C	19	0	0.0	1.0	-1.0	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	155	0.0	2.8	-2.8
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>66.6</b>	<b>-66.1</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	922	0.0	14.5	-14.5
18		NEW RANCHI-DHARAMJAIGARH	D/C	432	0	5.0	0.0	5.0
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	128	9	1.2	0.0	1.2
20		JHARSUGUDA-RAIGARH	S/C	138	0	1.9	0.0	1.9
21		IBEUL-RAIGARH	S/C	98	0	1.3	0.0	1.3
22		STERLITE-RAIGARH	D/C	105	60	0.6	0.0	0.6
23		RANCHI-SIPAT	D/C	274	0	4.0	0.0	4.0
24	220 KV	BUDHIPADAR-RAIGARH	S/C	38	69	0.0	0.4	-0.4
25		BUDHIPADAR-KORBA	D/C	220	0	3.5	0.0	3.5
<b>ER-WR</b>						<b>17.4</b>	<b>14.8</b>	<b>2.6</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	284	0.0	10.0	-10.0
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2453	0.0	41.0	-41.0
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>51.0</b>	<b>-51.0</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	D/C	337	443	0.0	0.1	0
32		ALIPURDUAR-BONGAIGAON	D/C	226	334	0.0	0.2	0
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.3	0
<b>ER-NER</b>						<b>0.0</b>	<b>0.6</b>	<b>-0.6</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	200	7.5	0.3	7.2
36	HVDC LINK	APL -MHG	D/C	0	2519	0.0	52.5	-52.5
37	765 KV	GWALIOR-AGRA	D/C	0	3066	0.0	63.6	-63.6
38	765 KV	PHAGI-GWALIOR	D/C	0	1618	0.0	32.8	-32.8
39	400 KV	ZERDA-KANKROLI	S/C	71	118	0.0	0.5	-0.5
40	400 KV	ZERDA -BHINMAL	S/C	14	314	0.0	0.3	-0.3
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	507	0	9	-9
43	220 KV	BADOD-KOTA	S/C	50	0	0.8	0.0	0.8
44		BADOD-MORAK	S/C	12	22	0.0	0.2	-0.1
45		MEHGAON-AURAIYA	S/C	60	0	1.0	0.0	1.0
46		MALANPUR-AURAIYA	S/C	15	10	0.1	0.0	0.1
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>9.4</b>	<b>159.4</b>	<b>-150.0</b>
<b>Import/Export of WR (With SR)</b>								
48	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	22.1	-22.1
49	HVDC LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2230	0.0	41.0	-41.0
51	400 KV	KOLHAPUR-KUDGI	D/C	0	453	0.0	4.0	-4.0
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	5.7	-5.7
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	86	0	1.5	0.0	1.5
<b>WR-SR</b>						<b>1.5</b>	<b>72.7</b>	<b>-71.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						4.2
55		NEPAL						-7.2
56		BANGLADESH						-8.2