



**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: 05<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 04.01.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 04 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 04 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

5-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42548	43467	37318	16875	2256	142464
Peak Shortage (MW)	920	0	0	100	80	1100
Energy Met (MU)	863	1006	869	319	35	3092
Hydro Gen(MU)	94	58	50	27	7	235
Wind Gen(MU)	2	10	16	-----	-----	29
Solar Gen (MU)*	2.21	0.00	16.80	0.19	0.02	19

**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	0.046	0.00	0.28	10.28	10.56	73.76	15.68

**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	5335	0	102.4	38.0	2.8	332
	Haryana	6272	0	115.2	79.4	0.7	243
	Rajasthan	9180	438	199.3	76.9	6.4	423
	Delhi	3593	0	60.4	46.8	1.6	317
	UP	13584	0	285.7	84.6	0.0	0
	Uttarakhand	1860	0	32.8	17.4	0.7	215
	HP	1424	0	22.7	21.0	1.7	323
	J&K	1934	484	40.8	37.1	0.1	141
WR	Chhattisgarh	3009	0	69.6	13.1	0.7	287
	Gujarat	12959	0	277.2	77.5	-1.2	527
	MP	10474	0	208.0	116.7	-2.2	367
	Maharashtra	20533	0	410.8	122.6	-0.8	644
	Goa	430	0	7.8	8.1	-0.9	67
	DD	294	0	6.5	6.3	0.2	45
	DNH	672	0	15.4	15.4	0.0	58
	Essar steel	579	0	10.9	10.7	0.2	190
SR	Andhra Pradesh	7068	0	150.5	7.1	2.9	616
	Telangana	8025	0	157.0	69.2	1.4	297
	Karnataka	9252	0	199.1	67.1	4.6	502
	Kerala	3513	0	65.0	55.1	2.4	232
	Tamil Nadu	13505	0	290.9	151.1	0.7	504
	Pondy	317	0	6.3	6.8	-0.5	18
ER	Bihar	3417	0	62.0	60.4	-2.4	150
	DVC	2496	0	59.5	-30.7	0.7	250
	Jharkhand	1175	100	21.4	14.6	1.1	200
	Odisha	4140	0	74.5	26.5	1.0	300
	West Bengal	6476	0	100.2	25.7	0.5	330
NER	Sikkim	90	0	1.6	1.7	-0.1	20
	Arunachal Pradesh	120	2	1.8	1.3	0.5	17
	Assam	1340	38	21.1	14.7	2.7	170
	Manipur	144	2	2.2	1.8	0.4	19
	Meghalaya	285	0	3.1	3.3	-0.2	27
	Mizoram	85	1	1.4	0.9	0.4	22
	Nagaland	112	1	1.8	1.5	0.3	22
Tripura	207	0	3.6	0.1	2.1	40	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.3	-6.3	-10.3
Day peak (MW)	233.5	-319.8	-604.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.2	-197.1	74.7	-72.7	6.0	0.1
Actual(MU)	206.6	-212.2	78.5	-76.2	11.3	8.1
O/D/U/D(MU)	17.4	-15.0	3.8	-3.5	5.3	8.0

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6174	14256	2760	1600	785	25575
State Sector	11080	18444	7552	6474	110	43660
Total	17254	32700	10312	8074	894	69235

\*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 :
								5-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	401	0.0	12.8	-12.8
2		SASARAM-FATEHPUR	S/C	60	201	0.0	1.4	-1.4
3		GAYA-BALIA	S/C	0	364	0.0	6.4	-6.4
4	HVDC LINK	PUSAULI B/B	S/C	1	247	0.0	6.1	-6.1
5	400 KV	PUSAULI-SARNATH	S/C	0	239	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	83	68	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	107	370	0.0	5.0	-5.0
8		PATNA-BALIA	Q/C	0	1006	0.0	18.0	-18.0
9		BIHARSHARIFF-BALIA	D/C	45	175	0.0	2.7	-2.7
10		BARH-GORAKHPUR	D/C	0	606	0.0	9.7	-9.7
11	BIHARSHARIFF-VARANASI	D/C	19	0	0.0	1.0	-1.0	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	162	0.0	2.9	-2.9
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>66.0</b>	<b>-65.5</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	699	0.0	11.6	-11.6
18		NEW RANCHI-DHARAMJAIGARH	D/C	407	128	3.9	0.0	3.9
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	123	45	4.6	0.0	4.6
20		JHARSUGUDA-RAIGARH	S/C	116	0	1.1	0.0	1.1
21		IBEUL-RAIGARH	S/C	82	6	0.7	0.0	0.7
22		STERLITE-RAIGARH	D/C	119	92	0.0	0.3	-0.3
23		RANCHI-SIPAT	D/C	261	0	3.4	0.0	3.4
24	220 KV	BUDHIPADAR-RAIGARH	S/C	78	64	0.0	0.3	-0.3
25		BUDHIPADAR-KORBA	D/C	204	0	2.9	0.0	2.9
<b>ER-WR</b>						<b>16.5</b>	<b>12.3</b>	<b>4.2</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	334	0.0	15.7	-15.7
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2454	0.0	40.1	-40.1
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>55.8</b>	<b>-55.8</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	D/C	216	361	0.5	0.0	1
32		ALIPURDUAR-BONGAIGAON	D/C	145	276	0.1	0.0	0
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.2	0.0	0
<b>ER-NER</b>						<b>0.8</b>	<b>0.0</b>	<b>0.8</b>
<b>Import/Export of NR (With NER)</b>								
34	HVDC LINK	BISWANATH CHARIALI-AGRA	-	0	0	0.0	11.9	11.9
<b>NR-NER</b>						<b>0.0</b>	<b>11.9</b>	<b>11.9</b>
<b>Import/Export of WR (With NR)</b>								
35	HVDC LINK	V'CHAL B/B	D/C	500	0	11.2	0.0	11.2
36	HVDC LINK	APL-MHG	D/C	0	2217	0.0	52.1	-52.1
37	765 KV	GWALIOR-AGRA	D/C	0	2978	0.0	61.3	-61.3
38	765 KV	PHAGI-GWALIOR	D/C	0	1638	0.0	34.9	-34.9
39	400 KV	ZERDA-KANKROLI	S/C	147	191	0.0	1.1	-1.1
40	400 KV	ZERDA -BHINMAL	S/C	54	327	0.0	3.7	-3.7
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	560	0	10	-10
43	220 KV	BADOD-KOTA	S/C	57	13	0.6	0.0	0.6
44		BADOD-MORAK	S/C	21	48	0.1	0.6	-0.6
45		MEHGAON-AURAIYA	S/C	76	0	1.1	0.0	1.1
46		MALANPUR-AURAIYA	S/C	29	6	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>13.1</b>	<b>163.5</b>	<b>-150.3</b>
<b>Import/Export of WR (With SR)</b>								
48	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	20.4	-20.4
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	43.3	-43.3
51	400 KV	KOLHAPUR-KUDGI	D/C	0	415	0.0	4.6	-4.6
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	5.3	-5.3
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	84	0	1.5	0.0	1.5
<b>WR-SR</b>						<b>1.5</b>	<b>73.5</b>	<b>-72.0</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						4.3
55		NEPAL						-6.3
56		BANGLADESH						-7.4