



**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: 01<sup>st</sup> Feb 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 01.02.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 31 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 31 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

1-Feb-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39984	44679	37550	17611	2285	142109
Peak Shortage (MW)	684	23	0	152	19	878
Energy Met (MU)	828	1039	864	329	39	3099
Hydro Gen(MU)	108	45	50	19	11	233
Wind Gen(MU)	14	15	21	-----	-----	50
Solar Gen (MU)*	3.23	11.61	19.20	0.04	0.02	34

**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	0.00	3.45	3.45	72.84	23.72

**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	4976	0	92.2	32.6	0.7	197
	Haryana	6090	336	100.9	67.4	-0.4	240
	Rajasthan	9631	40	202.0	69.8	3.9	338
	Delhi	3712	0	63.6	52.4	-0.5	204
	UP	12017	240	261.3	93.8	0.1	450
	Uttarakhand	1960	0	35.1	20.9	0.0	83
	HP	1418	0	25.0	20.6	-0.5	153
	J&K	2053	513	44.0	38.8	0.9	182
WR	Chandigarh	218	0	3.6	3.6	0.0	36
	Chhattisgarh	3263	0	74.8	18.1	-1.3	168
	Gujarat	13127	0	285.7	80.1	-3.7	367
	MP	9696	0	201.6	123.8	-2.5	446
	Maharashtra	20954	0	434.0	153.4	5.5	450
	Goa	515	0	9.9	8.5	0.7	101
	DD	305	0	6.8	6.8	0.0	12
	DNH	707	0	16.5	16.6	-0.1	11
SR	Essar steel	483	0	10.2	9.9	0.3	159
	Andhra Pradesh	7307	0	152.5	26.8	-1.1	440
	Telangana	8123	0	164.8	77.2	2.2	260
	Karnataka	9392	0	208.3	77.6	4.5	355
	Kerala	3591	0	68.6	56.5	2.4	221
	Tamil Nadu	12444	0	264.0	142.3	0.0	475
	Pondy	304	0	6.0	6.2	-0.2	41
	ER	Bihar	3502	100	61.8	60.4	-2.0
DVC		3039	0	64.3	-31.9	-6.5	285
Jharkhand		1104	0	23.3	16.0	1.0	125
Odisha		3983	0	67.6	14.9	-1.5	365
West Bengal		6959	0	110.8	20.4	-2.9	345
Sikkim		82	0	1.1	1.8	-0.7	25
NER	Arunachal Pradesh	91	3	2.1	1.7	0.4	19
	Assam	1364	0	21.8	15.7	2.3	158
	Manipur	160	2	2.3	2.7	-0.4	4
	Meghalaya	285	0	5.8	4.3	-0.1	73
	Mizoram	85	1	1.5	1.0	0.4	23
	Nagaland	97	3	2.1	1.7	0.2	12
	Tripura	213	1	3.6	2.9	0.3	21

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.4	-7.8	-12.7
Day peak (MW)	167.0	-376.7	-597.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.3	-193.7	76.0	-74.6	5.7	2.6
Actual(MU)	207.2	-203.0	67.2	-91.3	10.2	-9.7
O/D/U/D(MU)	17.9	-9.3	-8.8	-16.7	4.5	-12.4

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6466	11786	2050	2220	197	22719
State Sector	11255	18840	7452	5094	110	42751
Total	17721	30626	9502	7314	307	65470

\*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 :	1-Feb-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	380	0.0	11.2	-11.2	
2		SASARAM-FATEHPUR	S/C	178	114	1.2	0.0	1.2	
3		GAYA-BALIA	S/C	0	350	0.0	6.5	-6.5	
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9	
5	400 KV	PUSAULI-SARNATH	S/C	0	206	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	73	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	87	471	0.0	5.4	-5.4	
8		PATNA-BALIA	Q/C	0	984	0.0	18.3	-18.3	
9		BIHARSHARIFF-BALIA	D/C	43	234	0.0	2.9	-2.9	
10		BARH-GORAKHPUR	D/C	0	599	0.0	9.8	-9.8	
11	BIHARSHARIFF-VARANASI	D/C	19	0	0.0	0.4	-0.4		
12	220 KV	PUSAULI-SAHUPURI	S/C	0	184	0.0	3.3	-3.3	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.7	0.0	0.7	
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>1.9</b>	<b>63.8</b>	<b>-61.9</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	394	590	0.4	0.0	0.4	
18		NEW RANCHI-DHARAMJAIGARH	D/C	495	76	4.8	0.0	4.8	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	156	43	1.2	0.0	1.2	
20		JHARSUGUDA-RAIGARH	S/C	140	27	1.5	0.0	1.5	
21		IBEUL-RAIGARH	S/C	102	15	1.0	0.0	1.0	
22		STERLITE-RAIGARH	D/C	0	277	0.0	2.9	-2.9	
23		RANCHI-SIPAT	D/C	460	0	5.6	0.0	5.6	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	11	113	0.0	1.3	-1.3	
25		BUDHIPADAR-KORBA	D/C	201	0	2.9	0.0	2.9	
<b>ER-WR</b>						<b>17.4</b>	<b>4.2</b>	<b>13.3</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	0	0.0	20.9	-20.9	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	257	0.0	15.4	-15.4	
28	400 KV	TALCHER-I/C	D/C	0.0	576	0.0	-3.6	-3.6	
29	765 KV	ANGUL-SRIKAKULAM		0.0	2459	0.0	51.1	51.1	
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>83.8</b>	<b>11.2</b>	
<b>Import/Export of ER (With NER)</b>									
31	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	0.0	0	
32		ALIPURDUAR-BONGAIGAON	D/C	521	367	0.8	0.0	1	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	387	300	0.8	0.0	1	
<b>ER-NER</b>						<b>1.7</b>	<b>0.0</b>	<b>1.7</b>	
<b>Import/Export of NR (With NER)</b>									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	12.1	0.0	12.1	
<b>NR-NER</b>						<b>12.1</b>	<b>0.0</b>	<b>12.1</b>	
<b>Import/Export of WR (With NR)</b>									
35	HVDC	V'CHAL B/B	D/C	500	0	9.6	0.0	9.6	
36	HVDC	APL-MHG	D/C	0	2519	0.0	57.6	-57.6	
37	765 KV	GWALIOR-AGRA	D/C	0	2742	0.0	55.0	-55.0	
38	765 KV	PHAGI-GWALIOR	D/C	0	1552	0.0	28.5	-28.5	
39	400 KV	ZERDA-KANKROLI	S/C	155	21	0.2	0.0	0.2	
40	400 KV	ZERDA -BHINMAL	S/C	169	184	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	456	0	6	-6	
43	220 KV	BADOD-KOTA	S/C	32	25	0.2	0.1	0.1	
44		BADOD-MORAK	S/C	0	68	0.0	0.8	-0.8	
45		MEHGAON-AURAIYA	S/C	36	0	0.5	0.0	0.5	
46		MALANPUR-AURAIYA	S/C	5	14	0.0	0.1	-0.1	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>10.5</b>	<b>148.5</b>	<b>-138.0</b>	
<b>Import/Export of WR (With SR)</b>									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.3	-22.3	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	1816	0.0	28.5	-28.5	
51	400 KV	KOLHAPUR-KUDGI	D/C	193	144	0.9	0.8	0.0	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	277	0.0	5.8	-5.8	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	81	0	1.6	0.0	1.6	
<b>WR-SR</b>						<b>2.4</b>	<b>57.4</b>	<b>-55.0</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						2.4	
55		NEPAL						-7.8	
56		BANGLADESH						-8.8	