



**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: 02<sup>nd</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 01 फरवरी 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 01<sup>st</sup> Feb 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

2-Feb-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39188	43814	37179	17224	2322	139727
Peak Shortage (MW)	881	33	0	200	35	1149
Energy Met (MU)	831	1030	876	333	38	3107
Hydro Gen(MU)	108	55	45	20	11	238
Wind Gen(MU)	11	14	25	-----	-----	49
Solar Gen (MU)*	3.04	11.67	19.60	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	0.045	0.00	0.44	10.35	10.79	76.88	12.34

**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	4862	0	92.0	37.0	0.6	134
	Haryana	5723	191	104.3	74.9	0.7	210
	Rajasthan	9766	73	200.8	67.3	3.0	376
	Delhi	3784	0	63.9	51.5	0.1	206
	UP	11782	0	261.3	95.0	0.9	278
	Uttarakhand	1965	0	35.0	21.5	0.3	185
	HP	1332	0	25.4	20.3	0.0	116
	J&K	2265	566	44.5	37.4	2.6	436
WR	Chandigarh	217	0	3.6	3.7	-0.1	13
	Chhattisgarh	3277	0	73.9	12.6	2.1	566
	Gujarat	12912	0	281.2	82.6	-1.3	485
	MP	9665	0	202.7	115.0	-1.9	791
	Maharashtra	20251	0	429.8	170.3	1.1	770
	Goa	445	0	9.6	8.4	0.6	77
	DD	290	0	6.7	6.6	0.1	264
	DNH	717	0	16.3	16.5	-0.2	260
SR	Essar steel	450	0	9.4	9.4	0.0	479
	Andhra Pradesh	7477	0	159.7	26.7	7.7	380
	Telangana	8233	0	165.8	72.4	1.2	244
	Karnataka	9475	0	208.1	79.9	1.6	340
	Kerala	3540	0	68.2	57.2	2.3	197
	Tamil Nadu	12518	0	267.5	140.3	0.6	605
	Pondy	307	0	6.2	6.4	-0.2	31
	ER	Bihar	3498	0	65.4	60.6	3.0
DVC		2946	0	64.2	-36.0	-1.7	200
Jharkhand		1062	0	23.8	15.7	1.5	120
Odisha		3733	0	69.8	15.5	-0.6	320
West Bengal		6727	0	108.2	18.7	-2.1	330
NER	Sikkim	83	0	1.4	1.6	-0.2	20
	Arunachal Pradesh	118	4	2.0	1.9	0.2	13
	Assam	1382	4	21.5	15.9	1.9	125
	Manipur	141	3	2.2	2.4	-0.2	18
	Meghalaya	297	0	5.4	4.5	0.3	28
	Mizoram	89	1	1.5	1.2	0.3	25
	Nagaland	110	0	1.9	1.8	0.0	51
Tripura	207	1	3.7	3.1	0.4	42	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.7	-8.1	-12.8
Day peak (MW)	170.4	-32.4	-602.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	192.9	-202.0	75.8	-72.3	3.6	-2.0
Actual(MU)	190.2	-206.0	72.3	-72.4	5.5	-10.4
O/D/U/D(MU)	-2.6	-4.0	-3.5	-0.1	1.9	-8.4

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6466	12086	2550	2220	232	23554
State Sector	11465	19228	8372	4844	110	44019
Total	17931	31314	10922	7064	342	67573

\*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 :
								2-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	387	0.0	12.3	-12.3
2		SASARAM-FATEHPUR	S/C	215	27	1.9	0.0	1.9
3		GAYA-BALIA	S/C	0	395	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	223	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	69	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	47	383	0.0	5.6	-5.6
8		PATNA-BALIA	Q/C	0	992	0.0	17.5	-17.5
9		BIHARSHARIFF-BALIA	D/C	11	221	0.0	3.1	-3.1
10		BARH-GORAKHPUR	D/C	0	623	0.0	9.3	-9.3
11		BIHARSHARIFF-VARANASI	D/C	19	0	0.3	0.0	0.3
12	220 KV	PUSAULI-SAHUPURI	S/C	0	189	0.0	3.4	-3.4
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.8	0.0	0.8
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>3.0</b>	<b>64.3</b>	<b>-61.3</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	301	255	0.8	0.0	0.8
18		NEW RANCHI-DHARAMJAIGARH	D/C	473	63	6.2	0.0	6.2
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	173	0	1.8	0.0	1.8
20		JHARSUGUDA-RAIGARH	S/C	185	0	2.5	0.0	2.5
21		IBEUL-RAIGARH	S/C	133	0	1.8	0.0	1.8
22		STERLITE-RAIGARH	D/C	21	162	0.0	2.2	-2.2
23		RANCHI-SIPAT	D/C	440	0	5.9	0.0	5.9
24	220 KV	BUDHIPADAR-RAIGARH	S/C	7	93	0.0	1.0	-1.0
25		BUDHIPADAR-KORBA	D/C	198	0	3.2	0.0	3.2
<b>ER-WR</b>						<b>22.1</b>	<b>3.3</b>	<b>18.9</b>
<b>Import/Export of ER (With SR)</b>								
26	765 KV	ANGUL-SRIKAKULAM		0.0	808	0.0	16.6	47.9
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	257	0.0	12.0	-12.0
28		TALCHER-KOLAR BIPOLE	D/C	0.0	2254	0.0	47.9	-47.9
29	400 KV	TALCHER-1/C	D/C	0.0	576	0.0	3.6	-3.6
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>111.4</b>	<b>-15.6</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	514	302	1.5	0.0	2
33	220 KV	ALIPURDUAR-SALAKATI	D/C	353	235	3.6	0.0	4
<b>ER-NER</b>						<b>5.1</b>	<b>0.0</b>	<b>5.1</b>
<b>Import/Export of NR (With NER)</b>								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.2	12.2
<b>NR-NER</b>						<b>0.0</b>	<b>12.2</b>	<b>12.2</b>
<b>Import/Export of WR (With NR)</b>								
35	HVDC	V'CHAL B/B	D/C	500	0	6.7	0.0	6.7
36	HVDC	APL -MHG	D/C	0	2418	0.0	55.2	-55.2
37	765 KV	GWALIOR-AGRA	D/C	0	2840	0.0	59.2	-59.2
38	765 KV	PHAGI-GWALIOR	D/C	0	1554	0.0	29.9	-29.9
39	400 KV	ZERDA-KANKROLI	S/C	216	70	1.4	0.0	1.4
40	400 KV	ZERDA -BHINMAL	S/C	165	168	0.0	0.7	-0.7
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	420	0	7	-7
43	220 KV	BADOD-KOTA	S/C	36	34	0.1	0.3	-0.2
44		BADOD-MORAK	S/C	0	80	0.0	1.1	-1.1
45		MEHGAON-AURAIYA	S/C	30	0	0.3	0.0	0.3
46		MALANPUR-AURAIYA	S/C	0	21	0.0	0.2	-0.2
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>8.6</b>	<b>153.4</b>	<b>-144.8</b>
<b>Import/Export of WR (With SR)</b>								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.5	-18.5
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	1536	0.0	27.0	-27.0
51	400 KV	KOLHAPUR-KUDGI	D/C	151	126	0.6	0.9	-0.3
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	94	0	1.8	0.0	1.8
<b>WR-SR</b>						<b>2.3</b>	<b>52.2</b>	<b>-49.8</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						2.7
55		NEPAL						-8.1
56		BANGLADESH						-9.1