



**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> 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 04.02.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 04 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 04<sup>th</sup> Feb 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

5-Feb-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39484	44184	37508	16606	2324	140106
Peak Shortage (MW)	500	33	0	0	48	582
Energy Met (MU)	822	1032	870	328	40	3092
Hydro Gen(MU)	112	49	52	21	11	245
Wind Gen(MU)	31	45	34	-----	-----	109
Solar Gen (MU)*	0.16	9.45	18.40	0.04	0.02	28

**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	0.036	0.00	0.00	4.04	4.04	73.31	22.65

**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	4284	0	79.0	31.1	-0.8	228
	Haryana	6018	0	109.4	77.4	0.2	186
	Rajasthan	9681	110	201.9	58.0	2.8	360
	Delhi	3525	0	60.2	47.5	0.8	223
	UP	12300	0	259.5	91.8	3.2	467
	Uttarakhand	1973	0	34.9	20.7	0.8	192
	HP	1429	0	27.9	20.4	0.7	203
	J&K	2306	577	46.3	36.9	3.2	375
WR	Chhattisgarh	3323	0	71.2	13.9	-1.4	410
	Gujarat	13261	0	286.4	81.5	-4.3	473
	MP	10674	0	203.7	107.4	-3.5	186
	Maharashtra	20271	0	428.0	161.4	0.6	572
	Goa	377	0	8.0	8.2	-0.8	75
	DD	294	0	6.7	6.6	0.1	44
	DNH	749	0	16.9	17.0	-0.1	28
	Essar steel	742	0	10.9	9.5	1.5	238
SR	Andhra Pradesh	7290	0	156.8	29.4	2.3	523
	Telangana	8278	0	165.8	72.1	1.4	713
	Karnataka	9466	0	209.4	79.0	3.6	567
	Kerala	3383	0	65.5	56.1	2.3	187
	Tamil Nadu	12781	0	266.0	130.2	1.7	805
	Pondy	286	0	6.0	6.2	-0.2	26
ER	Bihar	3466	0	59.6	59.0	-1.0	280
	DVC	2913	0	64.6	-32.2	-3.1	180
	Jharkhand	1159	0	22.0	16.2	1.4	140
	Odisha	3643	0	66.9	11.5	0.6	270
	West Bengal	6672	0	113.4	18.6	1.6	290
NER	Sikkim	86	0	1.8	1.5	0.3	25
	Arunachal Pradesh	105	3	2.0	1.9	0.1	18
	Assam	1407	4	22.6	16.7	1.8	153
	Manipur	160	2	2.2	2.4	-0.2	11
	Meghalaya	277	0	6.2	4.3	0.3	37
	Mizoram	90	1	1.4	1.1	0.3	24
	Nagaland	107	3	1.7	1.8	-0.2	19
Tripura	214	0	3.3	2.1	-0.1	15	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.4	-8.4	-13.3
Day peak (MW)	146.2	-369.7	-601.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	172.9	-180.1	76.7	-75.3	4.6	-1.2
Actual(MU)	175.0	-184.6	73.4	-76.7	5.7	-7.2
O/D/U/D(MU)	2.1	-4.5	-3.3	-1.4	1.1	-6.0

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6756	13001	2750	1720	204	24430
State Sector	11405	19599	9042	5644	110	45800
Total	18161	32600	11792	7364	313	70230

\*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-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	355	0.0	11.6	-11.6	
2		SASARAM-FATEHPUR	S/C	131	53	1.1	0.0	1.1	
3		GAYA-BALIA	S/C	0	365	0.0	7.0	-7.0	
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	5.9	-5.9	
5	400 KV	PUSAULI-SARNATH	S/C	0	224	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	84	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	84	328	0.0	4.7	-4.7	
8		PATNA-BALIA	Q/C	0	880	0.0	17.3	-17.3	
9		BIHARSHARIFF-BALIA	D/C	1	231	0.0	4.1	-4.1	
10		BARH-GORAKHPUR	D/C	0	557	0.0	8.9	-8.9	
11	BIHARSHARIFF-VARANASI	D/C	19	0	0.0	0.9	-0.9		
12	220 KV	PUSAULI-SAHUPURI	S/C	0	181	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	0.7	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>1.8</b>	<b>63.8</b>	<b>-62.0</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	378	657	0.0	2.8	-2.8	
18		NEW RANCHI-DHARAMJAIGARH	D/C	358	128	4.3	0.0	4.3	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	135	22	1.3	0.0	1.3	
20		JHARSUGUDA-RAIGARH	S/C	140	0	2.0	0.0	2.0	
21		IBEUL-RAIGARH	S/C	98	0	1.4	0.0	1.4	
22		STERLITE-RAIGARH	D/C	59	241	0.0	2.5	-2.5	
23		RANCHI-SIPAT	D/C	375	19	5.6	0.0	5.6	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	117	0.0	1.6	-1.6	
25		BUDHIPADAR-KORBA	D/C	185	0	2.8	0.0	2.8	
<b>ER-WR</b>						<b>17.5</b>	<b>6.8</b>	<b>10.6</b>	
<b>Import/Export of ER (With SR)</b>									
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.6	-11.6	
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	332.4	0.0	10.0	-10.0	
28		TALCHER-KOLAR BIPOLE	D/C	0.0	2453.1	0.0	48.1	-48.1	
29	400 KV	TALCHER-1/C	D/C	448.9	275.1	5.4	0.3	5.1	
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>69.6</b>	<b>-69.6</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	427	228	1.4	0.0	1	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	291	185	3.3	0.0	3	
<b>ER-NER</b>						<b>4.8</b>	<b>0.0</b>	<b>4.8</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	12.1	0.0	12.1	
36	HVDC	APL-MHG	D/C	0	2418	0.0	52.9	-52.9	
37	765 KV	GWALIOR-AGRA	D/C	0	2812	0.0	55.9	-55.9	
38	765 KV	PHAGI-GWALIOR	D/C	0	1230	0.0	24.7	-24.7	
39	400 KV	ZERDA-KANKROLI	S/C	195	106	1.4	0.0	1.4	
40	400 KV	ZERDA -BHINMAL	S/C	208	34	2.7	0.0	2.7	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	260	0	4	-4	
43	220 KV	BADOD-KOTA	S/C	30	18	0.2	0.2	0.0	
44		BADOD-MORAK	S/C	0	88	0.0	1.1	-1.1	
45		MEHGAON-AURAIYA	S/C	40	0	0.6	0.0	0.6	
46		MALANPUR-AURAIYA	S/C	13	13	0.0	0.1	0.0	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>17.1</b>	<b>138.5</b>	<b>-121.4</b>	
<b>Import/Export of WR (With SR)</b>									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.9	-18.9	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2073	0.0	33.3	-33.3	
51	400 KV	KOLHAPUR-KUDGI	D/C	123	326	0.0	3.2	-3.2	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	166	0.0	0.7	-0.7	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	89	0	1.6	0.0	1.6	
<b>WR-SR</b>						<b>1.6</b>	<b>56.1</b>	<b>-54.6</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						2.4	
55		NEPAL						-8.4	
56		BANGLADESH						-9.5	