



**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: 13<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, शिल्लोंग - 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 12.02.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12 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 12<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 13-Feb-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40418	41504	34416	16273	2185	134796
Peak Shortage (MW)	520	10	0	0	108	639
Energy Met (MU)	858	978	840	325	38	3038
Hydro Gen(MU)	111	34	33	21	4	202
Wind Gen(MU)	15	35	39	-----	-----	89
Solar Gen (MU)*	3.68	10.79	18.90	0.04	0.02	33

**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	0.041	0.00	0.00	2.03	2.03	69.49	28.48

**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	5184	0	98.7	49.1	0.9	235
	Haryana	6152	0	112.4	84.6	0.1	163
	Rajasthan	9863	0	203.6	64.6	3.0	418
	Delhi	3480	0	56.6	46.5	-1.3	283
	UP	13570	0	283.2	97.4	-2.2	280
	Uttarakhand	1854	0	33.3	20.4	-0.9	75
	HP	1305	0	24.5	18.1	0.0	102
	J&K	2082	520	42.3	37.6	-1.2	116
WR	Chhattisgarh	186	0	3.0	3.3	-0.2	5
	Gujarat	3226	0	70.9	20.5	-0.8	240
	MP	12693	0	272.8	71.8	0.5	480
	Maharashtra	9163	0	177.4	99.8	-1.4	188
	Goa	19736	0	416.5	152.5	0.8	542
	DD	401	0	8.1	8.0	-0.3	71
	DNH	282	0	6.5	6.2	0.3	38
	Essar steel	712	0	16.5	16.7	-0.1	17
SR	Andhra Pradesh	743	0	9.4	7.6	1.8	261
	Telangana	7020	0	154.3	12.9	3.2	454
	Karnataka	8004	0	160.6	71.6	-1.2	246
	Kerala	9008	0	197.1	75.7	1.8	392
	Tamil Nadu	3208	0	61.3	53.9	1.8	171
	Pondy	12044	0	261.3	133.0	0.0	543
	Bihar	269	0	5.5	5.8	-0.3	30
	DVC	3421	0	63.7	58.6	4.1	180
ER	Jharkhand	2871	0	63.2	-37.0	-1.5	250
	Odisha	1060	0	21.2	15.9	1.2	100
	West Bengal	3532	0	68.3	13.5	0.4	250
	Sikkim	6324	0	107.2	16.0	0.5	350
	Tripura	96	0	1.3	1.4	-0.1	25
NER	Arunachal Pradesh	91	1	2.0	1.8	0.3	19
	Assam	1275	81	21.2	16.3	1.9	158
	Manipur	157	1	2.1	2.2	-0.2	24
	Meghalaya	284	0	5.8	4.6	0.0	26
	Mizoram	78	3	1.3	1.1	0.2	17
	Nagaland	110	2	1.7	1.7	-0.2	24
	Tripura	209	1	3.4	1.9	0.4	31

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.9	-8.4	-13.2
Day peak (MW)	163.2	-369.4	-603.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	193.4	-197.4	77.1	-72.4	4.3	5.0
Actual(MU)	190.8	-195.8	66.4	-73.3	6.1	-5.8
O/D/U/D(MU)	-2.7	1.6	-10.7	-0.9	1.8	-10.8

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6297	12746	2270	1220	179	22711
State Sector	12500	21006	5872	4264	110	43752
Total	18797	33752	8142	5484	288	66463

\*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 : 13-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	398	0.0	13.0	-13.0	
2		SASARAM-FATEHPUR	S/C	145	78	0.1	0.0	0.1	
3		GAYA-BALIA	S/C	0	384	0.0	7.1	-7.1	
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	5.8	-5.8	
5	400 KV	PUSAULI-SARNATH	S/C	0	201	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	74	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	11	371	0.0	5.6	-5.6	
8		PATNA-BALIA	Q/C	0	767	0.0	17.6	-17.6	
9		BIHARSHARIFF-BALIA	D/C	3	211	0.0	3.4	-3.4	
10		BARH-GORAKHPUR	D/C	0	511	0.0	11.1	-11.1	
11		BIHARSHARIFF-VARANASI	D/C	22	0	0.0	0.7	-0.7	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	215	0.0	4.2	-4.2	
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>0.8</b>	<b>68.6</b>	<b>-67.7</b>
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	320	126	2.2	0.0	2.2	
18		NEW RANCHI-DHARAMJAIGARH	D/C	484	37	4.2	0.0	4.2	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	170	0	1.7	0.0	1.7	
20		JHARSUGUDA-RAIGARH	S/C	191	0	3.0	0.0	3.0	
21		IBEUL-RAIGARH	S/C	137	0	2.1	0.0	2.1	
22		STERLITE-RAIGARH	D/C	6	173	0.0	2.1	-2.1	
23		RANCHI-SIPAT	D/C	373	0	5.3	0.0	5.3	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	134	0.0	1.9	-1.9	
25		BUDHIPADAR-KORBA	D/C	168	0	2.4	0.0	2.4	
						<b>ER-WR</b>	<b>21.0</b>	<b>4.0</b>	<b>17.0</b>
<b>Import/Export of ER (With SR)</b>									
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.4	-18.4	
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	256.5	0.0	10.1	-10.1	
28		TALCHER-KOLAR BIPOLE	D/C	0.0	1969.8	0.0	35.8	-35.8	
29	400 KV	TALCHER-1/C	D/C	425.6	302.8	4.6	0.4	4.2	
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>64.2</b>	<b>-64.2</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	367	305	1.9	0.0	2	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	269	273	1.3	0.0	1	
						<b>ER-NER</b>	<b>3.2</b>	<b>0.0</b>	<b>3.2</b>
<b>Import/Export of NR (With NER)</b>									
34	HVDC LINK	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 LINK	CHAMPA-KURUKSHETRA	D/C	0	0	0.0	0.0	0.0	
36		V'CHAL B/B	D/C	250	50	5.4	0.1	5.2	
37		APL -MHG	D/C	0	2317	0.0	48.2	-48.2	
38	765 KV	GWALIOR-AGRA	D/C	0	2864	0.0	60.2	-60.2	
39		PHAGI-GWALIOR	D/C	0	1522	0.0	29.9	-29.9	
40		ZERDA-KANKROLI	S/C	196	0	1.7	0.0	1.7	
41	400 KV	ZERDA -BHINMAL	S/C	160	125	0.0	0.3	-0.3	
42		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
43		RAPP-SHUIALPUR	D/C	0	369	0	6	-6	
44	220 KV	BADOD-KOTA	S/C	36	26	0.1	0.2	0.0	
45		BADOD-MORAK	S/C	10	61	0.0	0.7	-0.7	
46		MEHGAON-AURAIYA	S/C	53	0	0.9	0.0	0.9	
47		MALANPUR-AURAIYA	S/C	12	7	0.1	0.0	0.0	
48	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>8.2</b>	<b>145.8</b>	<b>-137.6</b>
<b>Import/Export of WR (With SR)</b>									
49	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	16.8	-16.8	
50		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
51	765 KV	SOLAPUR-RAICHUR	D/C	0	1530	0.0	21.6	-21.6	
52	400 KV	KOLHAPUR-KUDGI	D/C	123	276	0.0	1.9	-1.9	
53	220 KV	KOLHAPUR-CHIKODI	D/C	0	269	0.0	5.6	-5.6	
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
55		XELDEM-AMBEWADI	S/C	76	0	1.5	0.0	1.5	
						<b>WR-SR</b>	<b>1.5</b>	<b>46.0</b>	<b>-44.5</b>
<b>TRANSNATIONAL EXCHANGE</b>									
56		BHUTAN						2.9	
57		NEPAL						-8.4	

