



**National Load Despatch Centre**  
**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(Government of India Enterprise)  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 18<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 17.02.2017.**

महोदय/Dear Sir,

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

18-Feb-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40668	44199	37760	16370	2327	141324
Peak Shortage (MW)	448	44	0	200	25	717
Energy Met (MU)	883	1054	890	337	40	3204
Hydro Gen(MU)	124	41	53	21	4	243
Wind Gen(MU)	10	39	65	-----	-----	113
Solar Gen (MU)*	-2.55	10.08	19.10	0.05	0.02	27

**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	2.29	2.29	69.13	28.58

**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	5220	0	101.3	53.6	-1.0	240
	Haryana	6422	0	123.1	95.8	-0.1	151
	Rajasthan	10078	30	209.0	64.3	3.9	392
	Delhi	3604	0	62.5	51.1	-0.3	241
	UP	13157	0	281.7	99.4	1.6	233
	Uttarakhand	1857	0	35.4	20.9	-0.4	129
	HP	1409	0	24.6	18.9	0.0	86
	J&K	1999	500	41.7	34.7	-2.0	76
WR	Chhattisgarh	3419	0	76.0	25.7	0.0	275
	Gujarat	13228	0	299.6	81.7	3.1	400
	MP	10451	0	200.4	124.8	-1.5	312
	Maharashtra	20526	0	437.9	152.8	-1.5	519
	Goa	450	0	9.1	8.3	0.3	50
	DD	307	0	7.0	6.6	0.4	29
	DNH	716	0	16.5	17.0	-0.5	9
	Essar steel	437	0	7.8	7.3	0.5	239
SR	Andhra Pradesh	7246	0	156.3	19.2	2.8	757
	Telangana	8374	0	170.2	75.1	1.4	510
	Karnataka	9721	0	207.7	77.2	1.3	391
	Kerala	3447	0	65.7	57.3	1.2	258
	Tamil Nadu	13269	0	283.1	133.0	-2.4	732
	Pondy	325	0	6.6	6.8	-0.2	38
ER	Bihar	3483	100	62.2	58.7	1.3	305
	DVC	2715	0	62.2	-41.8	0.1	285
	Jharkhand	1059	0	23.8	16.4	1.2	145
	Odisha	3661	0	69.6	12.4	1.1	356
	West Bengal	6950	0	117.8	19.1	1.4	398
NER	Sikkim	96	0	1.6	1.7	-0.1	20
	Arunachal Pradesh	109	1	2.2	1.8	0.3	1
	Assam	1397	14	22.7	16.8	2.0	105
	Manipur	142	1	2.2	2.3	-0.1	14
	Meghalaya	287	0	6.3	4.3	0.5	25
	Mizoram	77	1	1.4	1.2	0.1	7
	Nagaland	114	1	1.8	1.7	-0.1	15
Tripura	209	0	3.1	2.3	-0.3	24	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.0	-8.5	-12.1
Day peak (MW)	129.4	-380.5	-604.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	200.2	-183.5	80.5	-98.1	4.9	4.0
Actual(MU)	203.9	-188.3	69.2	-98.5	6.8	-6.9
O/D/U/D(MU)	3.7	-4.7	-11.3	-0.4	1.9	-10.9

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5687	11851	1270	620	144	19571
State Sector	11785	18079	8044	4124	110	42142
Total	17472	29930	9314	4744	253	61713

\*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 :	18-Feb-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
								Import=(+ve) /Export =(-ve) for NET (MU)	
<b>Import/Export of ER (With NR)</b>									
1	765KV	GAYA-VARANASI	D/C	0	426	0.0	14.6	-14.6	
2		SASARAM-FATEHPUR	S/C	104	149	0.0	0.4	-0.4	
3		GAYA-BALIA	S/C	0	377	0.0	7.1	-7.1	
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1	
5	400 KV	PUSAULI-SARNATH	S/C	0	205	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	88	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	3	429	0.0	7.3	-7.3	
8		PATNA-BALIA	Q/C	0	830	0.0	16.8	-16.8	
9		BIHARSHARIFF-BALIA	D/C	0	254	0.0	4.4	-4.4	
10		BARH-GORAKHPUR	D/C	0	513	0.0	11.3	-11.3	
11		BIHARSHARIFF-VARANASI	D/C	27	0	0.0	1.4	-1.4	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	222	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	0.6	0.0	0.6	
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>0.6</b>	<b>73.7</b>	<b>-73.1</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	803	0.0	8.3	-8.3	
18		NEW RANCHI-DHARAMJAIGARH	D/C	256	167	1.7	0.0	1.7	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	85	35	0.0	0.3	-0.3	
20		JHARSUGUDA-RAIGARH	S/C	96	10	1.2	0.0	1.2	
21		IBEUL-RAIGARH	S/C	71	4	0.8	0.0	0.8	
22		STERLITE-RAIGARH	D/C	0	279	0.0	4.7	-4.7	
23		RANCHI-SIPAT	D/C	263	26	2.9	0.0	2.9	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	139	0.0	2.1	-2.1	
25		BUDHIPADAR-KORBA	D/C	154	0	2.0	0.0	2.0	
<b>ER-WR</b>						<b>8.6</b>	<b>15.4</b>	<b>-6.8</b>	
<b>Import/Export of ER (With SR)</b>									
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.3	-13.3	
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	256.5	0.0	11.7	-11.7	
28		TALCHER-KOLAR BIPOLE	D/C	0.0	2354.3	0.0	40.2	-40.2	
29	400 KV	TALCHER-1/C	D/C	465.7	321.5	4.8	0.1	4.7	
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>65.1</b>	<b>-65.1</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	401	422	1.1	0.0	1	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	263	345	1.5	0.0	1	
<b>ER-NER</b>						<b>2.6</b>	<b>0.0</b>	<b>2.6</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	500	0	6.0	0.0	6.0	
37		APL -MHG	D/C	0	2417	0.0	55.9	-55.9	
38	765 KV	GWALIOR-AGRA	D/C	0	2782	0.0	60.6	-60.6	
39		PHAGI-GWALIOR	D/C	0	1474	0.0	39.4	-39.4	
40	400 KV	ZERDA-KANKROLI	S/C	175	35	1.3	0.0	1.3	
41		ZERDA -BHINMAL	S/C	130	206	0.0	1.3	-1.3	
42		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
43		RAPP-SHUIALPUR	D/C	0	383	0	6	-6	
44		BADOD-KOTA	S/C	54	0	0.7	0.0	0.7	
45	220 KV	BADOD-MORAK	S/C	58	16	0.1	0.2	-0.1	
46		MEHGAON-AURAIYA	S/C	61	0	1.0	0.0	1.0	
47		MALANPUR-AURAIYA	S/C	20	18	0.1	0.1	0.1	
48	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>9.2</b>	<b>163.6</b>	<b>-154.4</b>	
<b>Import/Export of WR (With SR)</b>									
49	HVDC LINK	BHADRAWATI B/B	-	0	800	0.0	19.2	-19.2	
50		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
51	765 KV	SOLAPUR-RAICHUR	D/C	0	1709	0.0	21.0	-21.0	
52	400 KV	KOLHAPUR-KUDGI	D/C	177	248	1.7	0.8	0.8	
53		KOLHAPUR-CHIKODI	D/C	0	260	0.0	5.6	-5.6	
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
55		XELDEM-AMBEWADI	S/C	84	0	1.6	0.0	1.6	
<b>WR-SR</b>						<b>3.3</b>	<b>46.6</b>	<b>-43.3</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
56		BHUTAN						2.0	
57		NEPAL						-8.5	

