



**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: 24<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, Tolleygunge, 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, शिलोंग - 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 23.02.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 23 फरवरी 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 23<sup>nd</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

24-Feb-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42045	43931	38487	17243	2144	143849
Peak Shortage (MW)	523	23	131	0	166	843
Energy Met (MU)	883	1082	942	344	34	3285
Hydro Gen(MU)	135	58	76	20	5	293
Wind Gen(MU)	10	24	19	-----	-----	53
Solar Gen (MU)*	1.15	12.43	20.80	0.04	0.01	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	0.24	7.19	7.43	70.28	22.29

**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	6295	0	114.8	57.2	-1.0	148
	Haryana	6378	0	125.6	97.6	0.4	331
	Rajasthan	10031	0	212.9	71.5	1.7	429
	Delhi	3335	0	59.9	49.2	-1.1	153
	UP	13070	40	265.6	99.5	-0.7	330
	Uttarakhand	1848	0	33.2	19.5	-0.3	142
	HP	1427	0	24.7	18.1	0.6	166
	J&K	1962	490	42.6	33.8	-1.1	94
WR	Chhattisgarh	189	0	3.3	3.4	-0.1	10
	Gujarat	3578	0	83.3	22.3	2.4	335
	MP	12384	9	295.5	85.0	-0.1	377
	Maharashtra	10220	0	202.5	121.2	-1.7	382
	Goa	21327	21	456.0	160.5	-3.9	474
	DD	515	0	10.3	9.0	0.8	91
	DNH	319	0	7.2	6.7	0.5	36
	Essar steel	749	0	17.1	17.2	-0.1	29
SR	Andhra Pradesh	754	0	9.8	9.3	0.5	239
	Telangana	7436	0	167.9	17.4	4.6	484
	Karnataka	8856	0	180.1	82.8	1.1	380
	Kerala	9848	0	219.9	75.0	3.0	628
	Tamil Nadu	3592	0	71.1	53.8	1.8	279
	Pondy	13365	0	296.4	164.4	-0.9	685
ER	Bihar	331	0	6.8	6.7	0.1	51
	DVC	3628	0	55.9	57.5	-1.8	150
	Jharkhand	2917	0	61.8	-38.6	-1.6	200
	Odisha	1104	0	25.5	16.7	2.4	85
	West Bengal	4061	0	72.4	20.9	1.3	150
	Sikkim	7312	0	127.3	27.3	0.9	200
NER	Arunachal Pradesh	97	0	1.5	1.7	-0.3	12
	Assam	104	2	1.9	1.8	0.1	25
	Manipur	1254	138	19.4	13.5	1.8	88
	Meghalaya	125	4	1.8	1.9	-0.1	2
	Mizoram	289	0	5.2	3.8	-0.5	42
	Nagaland	77	3	1.4	1.2	0.2	15
	Tripura	100	2	1.3	1.7	-0.5	28

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.5	-8.5	-13.6
Day peak (MW)	137.8	-395.0	-612.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	191.9	-203.6	96.8	-87.5	2.7	0.3
Actual(MU)	191.3	-207.5	101.8	-89.9	2.3	-2.0
O/D/U/D(MU)	-0.6	-3.9	5.0	-2.4	-0.4	-2.3

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5952	11610	2270	350	232	20414
State Sector	11835	18332	7212	5004	110	42493
Total	17787	29942	9482	5354	342	62907

\*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 :	24-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	429	0.0	13.5	-13.5	
2		SASARAM-FATEHPUR	S/C	217	158	0.0	0.0	0.0	
3		GAYA-BALIA	S/C	0	322	0.0	5.9	-5.9	
4	HVDC LINK	PUSAULI B/B	S/C	0	398	0.0	8.4	-8.4	
5	400 KV	PUSAULI-SARNATH	S/C	0	297	0.0	0.0	0.0	
6		PUSAULI-ALLAHABAD	S/C	0	143	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	267	459	0.0	4.2	-4.2	
8		PATNA-BALIA	Q/C	0	869	0.0	11.9	-11.9	
9		BIHARSHARIFF-BALIA	D/C	140	201	0.0	1.5	-1.5	
10		BARH-GORAKHPUR	D/C	0	571	0.0	11.9	-11.9	
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.0	-1.0	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	216	0.0	4.0	-4.0	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.5	0.0	0.5	
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>0.5</b>	<b>62.2</b>	<b>-61.7</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	349	391	0.0	1.7	-1.7	
18		NEW RANCHI-DHARAMJAIGARH	D/C	438	302	1.3	0.0	1.3	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	121	0	0.4	0.0	0.4	
20		JHARSUGUDA-RAIGARH	S/C	152	0	2.2	0.0	2.2	
21		IBEUL-RAIGARH	S/C	109	0	1.5	0.0	1.5	
22		STERLITE-RAIGARH	D/C	22	149	0.0	1.9	-1.9	
23		RANCHI-SIPAT	D/C	271	56	2.8	0.0	2.8	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	200	0.0	1.3	-1.3	
25		BUDHIPADAR-KORBA	D/C	184	31	3.0	0.0	3.0	
<b>ER-WR</b>						<b>11.2</b>	<b>4.9</b>	<b>6.3</b>	
<b>Import/Export of ER (With SR)</b>									
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.9	-12.9	
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	337.8	0.0	14.8	-14.8	
28	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2470.7	0.0	50.8	-50.8	
29		TALCHER-I/C	D/C	648.6	540.4	0.7	1.0	-0.3	
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>78.5</b>	<b>-78.5</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	543	2	0.1	0.0	0	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	359	24	0.6	0.0	1	
<b>ER-NER</b>						<b>0.7</b>	<b>0.0</b>	<b>0.7</b>	
<b>Import/Export of NR (With NER)</b>									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	8.1	-8.1	
<b>NR-NER</b>						<b>0.0</b>	<b>8.1</b>	<b>-8.1</b>	
<b>Import/Export of WR (With NR)</b>									
35	HVDC	CHAMPA-KURUKSHETRA	D/C	0	150	0.0	1.4	-1.4	
36		V'CHAL B/B	D/C	500	0	9.3	0.0	9.3	
37		APL -MHG	D/C	0	2519	0.0	58.2	-58.2	
38	765 KV	GWALIOR-AGRA	D/C	0	2704	0.0	54.9	-54.9	
39		PHAGI-GWALIOR	D/C	0	1570	0.0	29.7	-29.7	
40	400 KV	ZERDA-KANKROLI	S/C	235	0	2.8	0.0	2.8	
41		ZERDA -BHINMAL	S/C	162	134	0.3	0.0	0.3	
42		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
43		RAPP-SHUALPUR	D/C	0	312	0	5	-5	
44	220 KV	BADOD-KOTA	S/C	68	0	0.9	0.0	0.9	
45		BADOD-MORAK	S/C	42	26	0.2	0.1	0.1	
46		MEHGAON-AURAIYA	S/C	86	0	1.7	0.0	1.7	
47	132KV	MALANPUR-AURAIYA	S/C	42	0	0.7	0.0	0.7	
48		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>15.9</b>	<b>149.2</b>	<b>-133.3</b>	
<b>Import/Export of WR (With SR)</b>									
49	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.8	-23.8	
50	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
51		SOLAPUR-RAICHUR	D/C	0	2029	0.0	39.7	-39.7	
52	400 KV	KOLHAPUR-KUDGI	D/C	0	441	0.0	4.3	-4.3	
53	220 KV	KOLHAPUR-CHIKODI	D/C	0	278	0.0	5.7	-5.7	
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
55		XELDEM-AMBEWADI	S/C	88	0	0.9	0.0	0.9	
<b>WR-SR</b>						<b>0.9</b>	<b>73.6</b>	<b>-72.6</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
56		BHUTAN						2.5	
57		NEPAL						-8.5	
58		BANGLADESH						-9.7	