



**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: 07<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 06.02.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 06 फरवरी 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 06<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

7-Feb-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40096	43698	37397	17356	2273	140820
Peak Shortage (MW)	624	66	0	275	42	1007
Energy Met (MU)	821	1026	870	325	39	3082
Hydro Gen(MU)	128	42	58	20	5	252
Wind Gen(MU)	12	26	9	-----	-----	47
Solar Gen (MU)*	0.68	12.17	18.50	0.04	0.03	31

**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	5.13	5.13	74.03	20.84

**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	5049	0	90.8	34.8	-0.2	215
	Haryana	5664	0	101.9	74.7	0.4	127
	Rajasthan	9560	0	199.8	63.3	3.2	303
	Delhi	3572	0	61.9	50.5	-1.1	276
	UP	12491	0	258.1	88.2	0.6	350
	Uttarakhand	1831	0	33.1	19.2	0.0	282
	HP	1314	0	25.5	19.3	-1.5	95
	J&K	2236	559	46.3	35.7	1.4	229
WR	Chhattisgarh	202	0	3.4	3.6	-0.1	16
	Gujarat	3287	0	75.9	16.0	-1.7	114
	MP	13125	0	277.4	78.2	-2.0	615
	Maharashtra	10706	0	202.4	115.9	-0.9	326
	Goa	20300	0	429.2	158.6	2.3	545
	DD	439	0	9.5	8.3	0.7	64
	DNH	304	0	6.7	6.5	0.2	44
	Essar steel	749	0	16.8	16.8	0.0	26
SR	Andhra Pradesh	524	0	8.6	7.6	0.9	313
	Telangana	7184	0	157.9	21.7	3.8	617
	Karnataka	8179	0	166.3	80.3	1.0	442
	Kerala	9501	0	209.1	77.8	4.7	453
	Tamil Nadu	3471	0	65.2	56.6	1.7	294
	Pondy	12610	0	265.5	135.3	3.2	614
	Bihar	311	0	6.0	6.3	-0.3	24
	DVC	3520	0	60.7	59.6	-0.5	150
ER	Jharkhand	3183	0	62.3	-31.4	-0.7	200
	Odisha	1087	0	23.7	16.5	0.7	100
	West Bengal	3717	0	67.2	15.7	0.9	150
	Sikkim	6705	0	110.1	17.2	0.8	200
	Sikkim	87	0	1.5	1.6	-0.1	12
NER	Arunachal Pradesh	87	0	1.5	1.6	-0.1	12
	Assam	105	4	2.0	1.8	0.2	23
	Manipur	1363	10	22.5	16.4	1.8	120
	Meghalaya	143	2	2.2	2.4	-0.2	16
	Mizoram	283	0	6.0	4.4	0.3	22
	Nagaland	85	0	1.4	1.2	0.1	32
	Tripura	105	0	1.7	1.8	-0.3	54
Tripura	215	0	3.2	2.1	-0.1	20	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.6	-8.1	-12.3
Day peak (MW)	159.6	-389.7	-590.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	169.5	-185.4	83.9	-72.5	4.2	-0.4
Actual(MU)	164.3	-185.0	91.1	-75.2	5.2	0.4
O/D/U/D(MU)	-5.2	0.4	7.2	-2.6	1.0	0.7

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6256	12116	2020	1720	204	22316
State Sector	11565	19158	8392	5644	110	44869
Total	17821	31274	10412	7364	313	67185

\*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 :	7-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	296	0.0	9.7	-9.7	
2		SASARAM-FATEHPUR	S/C	138	106	0.0	0.8	-0.8	
3		GAYA-BALIA	S/C	0	364	0.0	7.3	-7.3	
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	6.0	-6.0	
5	400 KV	PUSAULI-SARNATH	S/C	0	235	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	99	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	67	328	0.0	4.3	-4.3	
8		PATNA-BALIA	Q/C	0	819	0.0	15.3	-15.3	
9		BIHARSHARIFF-BALIA	D/C	0	256	0.0	4.4	-4.4	
10		BARH-GORAKHPUR	D/C	0	523	0.0	10.5	-10.5	
11	BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.0	-1.0		
12	220 KV	PUSAULI-SAHUPURI	S/C	0	196	0.0	3.5	-3.5	
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>0.7</b>	<b>62.7</b>	<b>-62.0</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	475	68	4.2	0.0	4.2	
18		NEW RANCHI-DHARAMJAIGARH	D/C	366	95	4.1	0.0	4.1	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	125	0	1.4	0.0	1.4	
20		JHARSUGUDA-RAIGARH	S/C	128	0	2.0	0.0	2.0	
21		IBEUL-RAIGARH	S/C	91	0	1.4	0.0	1.4	
22		STERLITE-RAIGARH	D/C	53	83	0.0	0.3	-0.3	
23		RANCHI-SIPAT	D/C	373	0	4.9	0.0	4.9	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	130	0.0	1.7	-1.7	
25		BUDHIPADAR-KORBA	D/C	182	0	3.1	0.0	3.1	
<b>ER-WR</b>						<b>21.1</b>	<b>2.0</b>	<b>19.1</b>	
<b>Import/Export of ER (With SR)</b>									
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.9	-18.9	
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	309.3	0.0	12.4	-12.4	
28		TALCHER-KOLAR BIPOLE	D/C	0.0	2454.5	0.0	48.0	-48.0	
29	400 KV	TALCHER-1/C	D/C	495.9	171.2	6.2	0.3	5.9	
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>79.3</b>	<b>-79.3</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	473	6	1.7	0.0	2	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	321	28	3.8	0.0	4	
<b>ER-NER</b>						<b>5.5</b>	<b>0.0</b>	<b>5.5</b>	
<b>Import/Export of NR (With NER)</b>									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.0	12.0	
<b>NR-NER</b>						<b>0.0</b>	<b>12.0</b>	<b>12.0</b>	
<b>Import/Export of WR (With NR)</b>									
35	HVDC	V'CHAL B/B	D/C	500	0	12.2	0.0	12.2	
36	HVDC	APL -MHG	D/C	0	2016	0.0	43.6	-43.6	
37	765 KV	GWALIOR-AGRA	D/C	0	2672	0.0	54.7	-54.7	
38	765 KV	PHAGI-GWALIOR	D/C	0	1340	0.0	25.5	-25.5	
39	400 KV	ZERDA-KANKROLI	S/C	196	24	2.0	0.0	2.0	
40	400 KV	ZERDA -BHINMAL	S/C	121	133	0.0	0.1	-0.1	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	319	0	5	-5	
43	220 KV	BADOD-KOTA	S/C	44	5	0.4	0.0	0.4	
44		BADOD-MORAK	S/C	12	4	0.0	0.3	-0.3	
45		MEHGAON-AURAIYA	S/C	34	0	0.6	0.0	0.6	
46		MALANPUR-AURAIYA	S/C	7	15	0.0	0.1	-0.1	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>15.2</b>	<b>128.9</b>	<b>-113.7</b>	
<b>Import/Export of WR (With SR)</b>									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.5	-20.5	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	1620	0.0	29.7	-29.7	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	337	0.1	2.9	-2.8	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	181	0.0	4.0	-4.0	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	80	0	1.6	0.0	1.6	
<b>WR-SR</b>						<b>1.6</b>	<b>57.0</b>	<b>-55.4</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						2.6	
55		NEPAL						-8.1	
56		BANGLADESH						-9.0	