



**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: 11<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 10.02.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10 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 10<sup>th</sup> Feb 2017, is available at the NLDC website.

Thanking You.



**पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली**

Report for previous day

Date of Reporting

11-Feb-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42027	43659	37443	17015	2284	142428
Peak Shortage (MW)	580	0	0	250	40	870
Energy Met (MU)	882	1040	904	331	39	3196
Hydro Gen(MU)	113	47	46	19	5	231
Wind Gen(MU)	13	48	22	-----	-----	83
Solar Gen (MU)*	0.59	11.76	19.50	0.04	0.02	32

**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	0.035	0.00	0.00	2.90	2.90	73.47	23.63

**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	5443	0	101.7	45.5	1.4	244
	Haryana	5889	388	111.4	88.2	1.3	262
	Rajasthan	10179	0	205.0	66.2	3.2	272
	Delhi	3781	0	63.4	51.0	0.1	216
	UP	13856	0	290.4	99.5	1.7	813
	Uttarakhand	1906	0	34.9	21.7	-0.2	134
	HP	1447	0	28.1	20.0	0.5	164
	J&K	2219	555	43.2	36.9	-1.2	395
WR	Chandigarh	209	0	3.4	3.4	0.0	22
	Chhattisgarh	3322	0	77.9	17.1	-1.8	147
	Gujarat	12930	0	280.6	74.2	-1.6	533
	MP	9808	0	205.9	105.8	-1.1	248
	Maharashtra	20696	0	434.0	165.9	0.2	447
	Goa	443	0	9.7	8.3	0.9	63
	DD	302	0	6.9	6.7	0.2	33
	DNH	729	0	16.6	17.0	-0.4	21
SR	Essar steel	477	0	8.8	9.0	-0.2	223
	Andhra Pradesh	7387	0	159.5	18.1	2.6	470
	Telangana	8562	0	171.1	77.2	0.1	320
	Karnataka	9632	0	214.9	79.5	2.9	604
	Kerala	3483	0	67.2	57.1	2.2	244
	Tamil Nadu	13529	0	284.7	151.6	1.5	593
	Pondy	326	0	6.4	6.7	-0.3	52
	Bihar	3585	250	60.5	59.5	-0.5	68
ER	DVC	2904	0	64.6	-38.3	-0.6	292
	Jharkhand	1075	0	21.6	15.9	1.4	71
	Odisha	3713	0	69.3	12.3	2.1	220
	West Bengal	6835	0	113.5	21.0	1.5	401
	Sikkim	79	0	1.5	1.5	0.0	7
NER	Arunachal Pradesh	107	1	1.9	1.8	0.1	46
	Assam	1369	28	22.3	16.7	1.9	146
	Manipur	147	1	2.3	2.4	-0.1	31
	Meghalaya	274	0	5.5	4.4	0.3	37
	Mizoram	79	0	1.4	1.2	0.1	24
	Nagaland	107	1	1.8	1.8	-0.2	30
	Tripura	209	1	3.6	2.2	0.1	70

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.3	-8.2	-11.5
Day peak (MW)	163.5	-312.3	-596.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	197.1	-205.1	84.9	-82.5	4.4	-1.2
Actual(MU)	205.7	-215.0	85.3	-83.3	5.6	-1.7
O/D/U/D(MU)	8.6	-9.9	0.4	-0.8	1.2	-0.5

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6066	12156	2020	1220	204	21666
State Sector	12500	19124	6862	4834	110	43430
Total	18566	31280	8882	6054	313	65096

\*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 :	11-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	418	0.0	16.7	-16.7	
2		SASARAM-FATEHPUR	S/C	84	123	0.0	0.3	-0.3	
3		GAYA-BALIA	S/C	0	386	0.0	3.4	-3.4	
4	HVDC LINK	PUSAULI B/B	S/C	2	248	0.0	5.8	-5.8	
5	400 KV	PUSAULI-SARNATH	S/C	0	210	0.0	0.0	0.0	
6		PUSAULI-ALLAHABAD	S/C	49	72	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	21	357	0.0	6.0	-6.0	
8		PATNA-BALIA	Q/C	0	751	0.0	14.6	-14.6	
9		BIHARSHARIFF-BALIA	D/C	0	215	0.0	3.3	-3.3	
10		BARH-GORAKHPUR	D/C	0	550	0.0	11.4	-11.4	
11		BIHARSHARIFF-VARANASI	D/C	22	0	0.0	0.8	-0.8	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	214	0.0	3.6	-3.6	
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>65.9</b>	<b>-65.3</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	322	96	3.0	0.0	3.0	
18		NEW RANCHI-DHARAMJAIGARH	D/C	375	200	2.9	0.0	2.9	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	109	21	1.2	0.0	1.2	
20		JHARSUGUDA-RAIGARH	S/C	150	0	2.2	0.0	2.2	
21		IBEUL-RAIGARH	S/C	108	0	1.6	0.0	1.6	
22		STERLITE-RAIGARH	D/C	0	251	0.0	3.1	-3.1	
23		RANCHI-SIPAT	D/C	350	1	4.7	0.0	4.7	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	137	0.0	1.9	-1.9	
25		BUDHIPADAR-KORBA	D/C	173	0	2.4	0.0	2.4	
<b>ER-WR</b>						<b>17.9</b>	<b>5.0</b>	<b>13.0</b>	
<b>Import/Export of ER (With SR)</b>									
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	19.1	-19.1	
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	257.9	0.0	10.7	-10.7	
28	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2258.2	0.0	47.9	-47.9	
29		TALCHER-I/C	D/C	521.4	328.1	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>77.7</b>	<b>-77.7</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	612	320	2.5	0.0	2	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	469	269	2.3	0.0	2	
<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	12.1	12.1	
<b>NR-NER</b>						<b>0.0</b>	<b>12.1</b>	<b>12.1</b>	
<b>Import/Export of WR (With NR)</b>									
35	HVDC	CHAMPA-KURUKSHETRA	D/C	0	0	0.0	0.0	0.0	
36		V'CHAL B/B	D/C	500	300	4.6	3.6	1.0	
37		APL -MHG	D/C	0	2518	0.0	56.8	-56.8	
38	765 KV	GWALIOR-AGRA	D/C	0	3018	0.0	59.6	-59.6	
39		PHAGI-GWALIOR	D/C	0	1634	0.0	30.6	-30.6	
40	400 KV	ZERDA-KANKROLI	S/C	207	30	2.2	0.0	2.2	
41		ZERDA -BHINMAL	S/C	127	130	0.0	0.1	-0.1	
42		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
43		RAPP-SHUJALPUR	D/C	0	420	0	7	-7	
44		BADOD-KOTA	S/C	57	26	0.0	0.1	-0.1	
45	220 KV	BADOD-MORAK	S/C	16	96	0.0	1.0	-0.9	
46		MEHGAON-AURAIYA	S/C	53	0	0.8	0.0	0.8	
47	132KV	MALANPUR-AURAIYA	S/C	13	8	0.1	0.0	0.1	
48		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>7.7</b>	<b>158.4</b>	<b>-150.7</b>	
<b>Import/Export of WR (With SR)</b>									
49	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.3	-23.3	
50	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
51		SOLAPUR-RAICHUR	D/C	0	1461	0.0	25.0	-25.0	
52	400 KV	KOLHAPUR-KUDGI	D/C	70	213	0.2	2.0	-1.8	
53	220 KV	KOLHAPUR-CHIKODI	D/C	0	271	0.0	5.6	-5.6	
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
55		XELDEM-AMBEWADI	S/C	89	0	1.6	0.0	1.6	
<b>WR-SR</b>						<b>1.8</b>	<b>56.0</b>	<b>-54.2</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
56		BHUTAN						2.3	
57		NEPAL						-8.2	
58		BANGLADESH						-9.1	