



**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: 25<sup>th</sup> Jan 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 24.01.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24 जनवरी 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 24 January 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 25-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42945	45342	37184	17088	2269	144828
Peak Shortage (MW)	487	34	0	400	32	954
Energy Met (MU)	901	1049	849	327	39	3164
Hydro Gen(MU)	97	48	38	21	11	215
Wind Gen(MU)	19	27	52	-----	-----	99
Solar Gen (MU)*	1.84	9.60	15.40	0.04	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	0.040	0.00	0.00	5.63	5.63	70.94	23.44

**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	5797	0	108.0	36.7	0.6	277
	Haryana	6536	0	119.1	67.2	0.0	159
	Rajasthan	10049	0	214.1	58.8	2.4	429
	Delhi	3711	0	63.8	53.8	-0.7	226
	UP	13913	0	287.4	95.8	0.0	853
	Uttarakhand	1971	0	36.1	23.6	-0.8	116
	HP	1368	75	27.5	21.6	1.2	147
	J&K	2073	518	42.6	39.9	-1.4	148
WR	Chhattisgarh	3257	0	73.7	15.7	-1.4	288
	Gujarat	13502	0	291.2	83.7	-0.3	518
	MP	9995	0	212.5	124.2	-3.2	707
	Maharashtra	20511	17	426.7	153.3	-1.6	668
	Goa	443	0	9.2	8.2	0.4	40
	DD	306	0	6.7	6.6	0.2	23
	DNH	737	0	16.8	17.0	-0.2	24
	Essar steel	620	0	12.5	10.7	1.7	235
SR	Andhra Pradesh	7109	0	147.7	23.5	2.2	342
	Telangana	8097	0	159.7	74.8	2.5	382
	Karnataka	9392	0	201.5	73.0	3.0	477
	Kerala	3485	0	65.1	54.1	2.5	232
	Tamil Nadu	13273	0	268.7	130.8	-5.0	714
	Pondy	297	0	6.0	6.2	-0.2	23
ER	Bihar	3516	100	64.3	59.8	0.7	389
	DVC	2654	0	62.5	-30.2	0.6	435
	Jharkhand	1223	0	23.0	15.6	1.3	156
	Odisha	3706	0	64.3	11.9	-1.5	356
	West Bengal	6892	0	111.5	30.3	0.8	398
NER	Sikkim	83	0	1.1	1.5	-0.4	25
	Arunachal Pradesh	105	4	2.0	1.9	0.2	8
	Assam	1329	17	22.6	16.1	2.0	58
	Manipur	144	1	2.4	2.3	0.1	18
	Meghalaya	298	0	4.9	4.6	-0.2	55
	Mizoram	86	0	1.5	1.1	0.3	24
	Nagaland	105	1	1.9	1.8	0.0	20
Tripura	210	0	3.4	2.0	0.2	38	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.4	-8.0	-10.6
Day peak (MW)	157.7	-359.6	-595.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	196.6	-193.2	65.8	-72.6	3.7	0.3
Actual(MU)	198.0	-193.2	64.8	-74.4	5.3	0.5
O/D/U/D(MU)	1.4	0.0	-1.0	-1.8	1.6	0.2

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6824	10666	1800	1450	288	21029
State Sector	8850	18922	8362	6164	110	42408
Total	15674	29588	10162	7614	398	63437

\*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 : 25-Jan-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	417	0.0	13.8	-13.8
2		SASARAM-FATEHPUR	S/C	216	130	0.0	0.5	-0.5
3		GAYA-BALIA	S/C	0	354	0.0	6.6	-6.6
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	6.1	-6.1
5	400 KV	PUSAULI-SARNATH	S/C	0	206	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	84	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	148	402	0.0	6.4	-6.4
8		PATNA-BALIA	Q/C	0	782	0.0	15.8	-15.8
9		BIHARSHARIFF-BALIA	D/C	108	169	0.0	2.1	-2.1
10		BARH-GORAKHPUR	D/C	0	585	0.0	12.0	-12.0
11		BIHARSHARIFF-VARANASI	D/C	19	0	0.0	0.6	-0.6
12	220 KV	PUSAULI-SAHUPURI	S/C	0	163	0.0	2.7	-2.7
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>66.6</b>	<b>-65.8</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	934	0.0	13.0	-13.0
18		NEW RANCHI-DHARAMJAIGARH	D/C	476	2	5.4	0.0	5.4
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	146	40	0.6	0.0	0.6
20		JHARSUGUDA-RAIGARH	S/C	145	0	1.3	0.0	1.3
21		IBEUL-RAIGARH	S/C	104	0	1.0	0.0	1.0
22		STERLITE-RAIGARH	D/C	0	210	0.0	4.1	-4.1
23		RANCHI-SIPAT	D/C	384	15	3.5	0.0	3.5
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	129	0.0	1.5	-1.5
25		BUDHIPADAR-KORBA	D/C	162	8	1.9	0.0	1.9
<b>ER-WR</b>						<b>13.7</b>	<b>18.7</b>	<b>-4.9</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	257	0.0	8.8	-8.8
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2450	0.0	41.6	-41.6
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-I/C		0.0	0	0.0	0.1	-0.1
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>50.5</b>	<b>-50.5</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	D/C	481	203	2.8	0.0	3
32		ALIPURDUAR-BONGAIGAON	D/C	344	175	2.3	0.0	2
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.7	0.0	1
<b>ER-NER</b>						<b>5.9</b>	<b>0.0</b>	<b>5.9</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	50	6.3	0.3	6.0
36	HVDC	APL -MHG	D/C	0	2519	0.0	60.4	-60.4
37	765 KV	GWALIOR-AGRA	D/C	0	3112	0.0	63.8	-63.8
38	765 KV	PHAGI-GWALIOR	D/C	0	1552	0.0	29.8	-29.8
39	400 KV	ZERDA-KANKROLI	S/C	279	0	3.5	0.0	3.5
40	400 KV	ZERDA -BHINMAL	S/C	236	107	1.2	0.0	1.2
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	390	0	5	-5
43	220 KV	BADOD-KOTA	S/C	80	0	1.2	0.0	1.2
44		BADOD-MORAK	S/C	33	14	0.2	0.0	0.1
45		MEHGAON-AURAIYA	S/C	56	0	0.9	0.0	0.9
46		MALANPUR-AURAIYA	S/C	12	19	0.1	0.1	0.0
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>13.4</b>	<b>159.3</b>	<b>-145.8</b>
<b>Import/Export of WR (With SR)</b>								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	17.3	-17.3
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2138	0.0	34.6	-34.6
51	400 KV	KOLHAPUR-KUDGI	D/C	81	334	0.0	2.7	-2.7
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	243	0.0	4.9	-4.9
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	87	0	1.7	0.0	1.7
<b>WR-SR</b>						<b>1.7</b>	<b>59.5</b>	<b>-57.8</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						2.4
55		NEPAL						-8.0
56		BANGLADESH						-10.6