



**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: 28<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 27.01.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27 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 27 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

28-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	38034	43585	36501	17224	2205	137549
Peak Shortage (MW)	1501	44	0	0	40	1585
Energy Met (MU)	695	971	831	322	38	2856
Hydro Gen(MU)	119	41	51	19	11	241
Wind Gen(MU)	5	30	18	-----	-----	53
Solar Gen (MU)*	-1.95	11.66	9.50	0.02	0.02	19

**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	0.072	0.00	0.54	9.64	10.19	61.85	27.96

**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	4608	0	84.9	26.9	0.8	281
	Haryana	5354	455	86.4	65.1	0.1	321
	Rajasthan	8119	450	156.1	62.9	4.0	376
	Delhi	3690	0	63.3	49.9	1.5	269
	UP	11791	140	206.5	77.0	-4.4	280
	Uttarakhand	1785	0	33.0	20.7	-1.5	173
	HP	1306	0	23.1	19.2	-2.2	62
	J&K	1900	475	38.0	36.7	-4.7	58
WR	Chandigarh	224	0	3.7	4.0	-0.3	11
	Chhattisgarh	3224	0	73.0	14.1	-1.1	419
	Gujarat	12983	0	279.6	81.6	-2.0	244
	MP	8651	0	171.4	100.3	-2.0	379
	Maharashtra	20302	0	406.1	143.5	2.9	932
	Goa	449	0	9.0	8.4	0.0	42
	DD	298	0	5.8	5.8	0.0	-4
	DNH	719	0	15.3	15.3	0.0	28
SR	Essar steel	737	0	10.6	9.9	0.6	226
	Andhra Pradesh	7220	0	145.6	27.8	0.7	361
	Telangana	8107	0	160.8	72.2	1.1	314
	Karnataka	9482	0	198.3	70.0	5.0	300
	Kerala	3285	0	64.9	51.8	2.5	245
	Tamil Nadu	12004	0	255.3	137.4	-1.8	312
	Pondy	312	0	6.1	6.8	-0.7	41
	ER	Bihar	3252	0	56.2	55.7	-0.8
DVC		2712	0	64.7	-26.7	-1.1	210
Jharkhand		1142	0	22.1	15.3	2.6	260
Odisha		3831	0	68.0	13.9	2.1	240
West Bengal		6817	0	109.4	22.6	2.3	300
NER	Sikkim	87	0	1.6	1.5	0.1	25
	Arunachal Pradesh	116	0	2.0	1.5	0.6	3
	Assam	1303	21	21.2	15.1	1.8	149
	Manipur	158	2	2.0	2.4	-0.3	16
	Meghalaya	242	0	5.1	4.2	0.0	45
	Mizoram	80	3	1.5	0.9	0.5	39
	Nagaland	107	3	2.2	1.6	0.5	33
Tripura	211	0	3.3	2.1	-0.3	41	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.0	-7.6	-10.5
Day peak (MW)	246.2	-390.3	-574.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	164.8	-186.3	72.5	-55.2	5.8	1.6
Actual(MU)	154.1	-196.8	73.8	-47.0	8.5	-7.4
O/D/U/D(MU)	-10.7	-10.6	1.3	8.2	2.7	-9.0

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	7314	11326	1800	3105	503	24048
State Sector	13010	18656	7052	6144	110	44972
Total	20324	29982	8852	9249	613	69020

\*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(पोसीको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 28-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	395	0.0	8.9	-8.9
2		SASARAM-FATEHPUR	S/C	153	149	0.8	0.0	0.8
3		GAYA-BALIA	S/C	200	327	0.0	1.9	-1.9
4	HVDC LINK	PUSAULI B/B	S/C	0	249	0.0	6.0	-6.0
5	400 KV	PUSAULI-SARNATH	S/C	0	199	0.0	0.0	0.0
6		PUSAULI-ALLAHABAD	S/C	0	94	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	21	395	0.0	4.5	-4.5
8		PATNA-BALIA	Q/C	0	626	0.0	12.0	-12.0
9		BIHARSHARIFF-BALIA	D/C	363	140	1.4	0.0	1.4
10		BARH-GORAKHPUR	D/C	0	597	0.0	9.9	-9.9
11	BIHARSHARIFF-VARANASI	D/C	19	0	0.0	0.5	-0.5	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	186	0.0	3.1	-3.1
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>2.9</b>	<b>46.8</b>	<b>-43.9</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	186	700	0.0	7.4	-7.4
18		NEW RANCHI-DHARAMJAIGARH	D/C	516	76	4.2	0.0	4.2
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	163	18	1.1	0.0	1.1
20		JHARSUGUDA-RAIGARH	S/C	165	0	1.5	0.0	1.5
21		IBEUL-RAIGARH	S/C	119	0	1.1	0.0	1.1
22		STERLITE-RAIGARH	D/C	0	233	0.0	3.5	-3.5
23		RANCHI-SIPAT	D/C	476	0	5.3	0.0	5.3
24	220 KV	BUDHIPADAR-RAIGARH	S/C	27	112	0.0	1.0	-1.0
25		BUDHIPADAR-KORBA	D/C	185	0	2.7	0.0	2.7
<b>ER-WR</b>						<b>15.9</b>	<b>11.9</b>	<b>4.0</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	278	0.0	13.5	-13.5
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2257	0.0	40.6	-40.6
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	0.0	0.0
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>54.2</b>	<b>-54.2</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	D/C	533	295	3.0	0.0	3
32		ALIPURDUAR-BONGAIGAON	D/C	381	241	2.4	0.0	2
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.8	0.0	1
<b>ER-NER</b>						<b>6.2</b>	<b>0.0</b>	<b>6.2</b>
<b>Import/Export of NR (With NER)</b>								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	15.7	15.7
<b>NR-NER</b>						<b>0.0</b>	<b>15.7</b>	<b>15.7</b>
<b>Import/Export of WR (With NR)</b>								
35	HVDC	V'CHAL B/B	D/C	500	0	7.2	0.0	7.2
36	HVDC	APL-MHG	D/C	0	2317	0.0	35.7	-35.7
37	765 KV	GWALIOR-AGRA	D/C	0	3200	0.0	58.6	-58.6
38	765 KV	PHAGI-GWALIOR	D/C	0	1760	0.0	33.5	-33.5
39	400 KV	ZERDA-KANKROLI	S/C	62	64	0.4	0.0	0.4
40	400 KV	ZERDA -BHINMAL	S/C	46	220	0.0	1.9	-1.9
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	356	0	6	-6
43	220 KV	BADOD-KOTA	S/C	25	23	0.2	0.1	0.1
44		BADOD-MORAK	S/C	2	62	0.0	0.6	-0.6
45		MEHGAON-AURAIYA	S/C	55	0	0.4	0.0	0.4
46		MALANPUR-AURAIYA	S/C	48	16	0.2	0.1	0.1
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>8.3</b>	<b>136.6</b>	<b>-128.2</b>
<b>Import/Export of WR (With SR)</b>								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.1	-19.1
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2007	0.0	38.8	-38.8
51	400 KV	KOLHAPUR-KUDGI	D/C	67	283	0.0	3.1	-3.1
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	256	0.0	5.8	-5.8
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	89	0	1.8	0.0	1.8
<b>WR-SR</b>						<b>1.8</b>	<b>66.8</b>	<b>-65.0</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						3.0
55		NEPAL						-7.6
56		BANGLADESH						-10.5