



**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: 30<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 29.01.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 29 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 29 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

30-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	38181	42464	34037	16508	2186	133375
Peak Shortage (MW)	501	64	0	0	40	604
Energy Met (MU)	789	998	796	321	38	2942
Hydro Gen(MU)	109	47	33	19	11	220
Wind Gen(MU)	7	27	28	-----	-----	61
Solar Gen (MU)*	3.52	11.56	14.70	0.05	0.02	30

**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	0.032	0.00	0.23	2.18	2.41	77.30	20.29

**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	4645	0	86.0	33.9	-0.2	161
	Haryana	5627	0	94.3	62.3	-0.4	227
	Rajasthan	8950	0	190.2	68.8	4.3	460
	Delhi	3761	0	60.3	48.7	-0.4	228
	UP	12400	0	254.2	95.3	0.1	257
	Uttarakhand	1854	0	33.9	19.3	-0.3	88
	HP	1265	0	23.7	18.7	-0.7	229
	J&K	2043	511	43.3	39.5	-1.0	106
WR	Chhattisgarh	3228	0	73.7	12.5	0.0	233
	Gujarat	12900	0	274.5	82.6	-2.9	562
	MP	10392	0	196.8	120.1	-1.6	436
	Maharashtra	19621	0	410.6	141.6	1.4	549
	Goa	404	0	9.0	8.1	0.4	107
	DD	280	0	6.4	6.2	0.2	37
	DNH	721	0	16.6	16.8	-0.2	6
	Essar steel	483	0	10.4	9.8	0.6	175
SR	Andhra Pradesh	6822	0	148.4	26.1	2.7	571
	Telangana	7832	0	157.4	75.9	1.9	421
	Karnataka	8806	0	190.7	74.7	3.3	458
	Kerala	3271	0	60.7	52.2	1.9	241
	Tamil Nadu	11004	0	233.8	125.0	-2.6	586
	Pondy	259	0	5.4	6.1	-0.7	8
ER	Bihar	3322	0	60.5	58.6	1.0	200
	DVC	2520	0	63.0	-28.0	-0.4	150
	Jharkhand	1120	0	23.5	17.3	0.4	125
	Odisha	3710	0	68.2	15.1	0.7	200
	West Bengal	6333	0	104.4	14.3	1.2	250
NER	Sikkim	80	0	1.5	1.2	0.2	15
	Arunachal Pradesh	90	5	2.1	1.6	0.5	23
	Assam	1327	17	21.6	14.8	2.5	215
	Manipur	133	1	2.3	2.4	-0.1	12
	Meghalaya	279	0	5.1	4.3	0.1	23
	Mizoram	77	1	1.5	0.9	0.5	28
	Nagaland	88	1	2.2	1.6	0.4	11
Tripura	207	0	3.3	2.0	-0.1	32	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.0	-7.1	-12.9
Day peak (MW)	187.8	-374.2	-605.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	176.9	-193.0	74.3	-63.7	5.1	-0.5
Actual(MU)	172.3	-194.9	73.2	-60.6	8.1	-2.0
O/D/U/D(MU)	-4.6	-1.9	-1.1	3.1	3.0	-1.5

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6421	12286	2050	2220	503	23480
State Sector	10485	20326	7742	5344	110	44007
Total	16906	32612	9792	7564	613	67487

\*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 : 30-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	326	0.0	9.9	-9.9
2		SASARAM-FATEHPUR	S/C	189	47	2.0	0.0	2.0
3		GAYA-BALIA	S/C	0	322	0.0	5.9	-5.9
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	6.0	-6.0
5	400 KV	PUSAULI-SARNATH	S/C	0	220	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	68	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	67	333	0.0	4.6	-4.6
8		PATNA-BALIA	Q/C	0	756	0.0	14.9	-14.9
9		BIHARSHARIFF-BALIA	D/C	37	171	0.0	1.9	-1.9
10		BARH-GORAKHPUR	D/C	0	556	0.0	11.5	-11.5
11		BIHARSHARIFF-VARANASI	D/C	19	0	0.8	0.0	0.8
12	220 KV	PUSAULI-SAHUPURI	S/C	0	188	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	0.8	0.0	0.8
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>3.6</b>	<b>58.3</b>	<b>-54.8</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	191	235	0.0	0.8	-0.8
18		NEW RANCHI-DHARAMJAIGARH	D/C	472	0	7.7	0.0	7.7
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	148	0	1.8	0.0	1.8
20		JHARSUGUDA-RAIGARH	S/C	146	0	2.4	0.0	2.4
21		IBEUL-RAIGARH	S/C	105	0	1.7	0.0	1.7
22		STERLITE-RAIGARH	D/C	25	104	0.0	0.4	-0.4
23		RANCHI-SIPAT	D/C	453	0	7.9	0.0	7.9
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	110	0.0	1.2	-1.2
25		BUDHIPADAR-KORBA	D/C	175	0	2.9	0.0	2.9
<b>ER-WR</b>						<b>24.3</b>	<b>2.5</b>	<b>21.9</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	361	0.0	15.4	-15.4
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2445	0.0	47.3	-47.3
28	400 KV	TALCHER-I/C	D/C	0.0	576	0.0	-3.6	-3.6
29	765 KV	ANGUL-SRIKAKULAM		0.0	647	0.0	11.9	11.9
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>71.1</b>	<b>-54.5</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	384	235	1.6	0.0	2
33	220 KV	ALIPURDUAR-SALAKATI	D/C	273	197	1.4	0.0	1
<b>ER-NER</b>						<b>3.0</b>	<b>0.0</b>	<b>3.0</b>
<b>Import/Export of NR (With NER)</b>								
34	HVDC LINK	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 LINK	V'CHAL B/B	D/C	500	0	9.9	0.0	9.9
36	HVDC LINK	APL -MHG	D/C	0	2016	0.0	42.4	-42.4
37	765 KV	GWALIOR-AGRA	D/C	0	2912	0.0	59.3	-59.3
38	765 KV	PHAGI-GWALIOR	D/C	0	1500	0.0	29.6	-29.6
39	400 KV	ZERDA-KANKROLI	S/C	109	0	0.2	0.0	0.2
40	400 KV	ZERDA -BHINMAL	S/C	5	245	0.0	2.5	-2.5
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	440	0	7	-7
43	220 KV	BADOD-KOTA	S/C	25	42	0.0	0.3	-0.2
44		BADOD-MORAK	S/C	0	61	0.0	1.0	-1.0
45		MEHGAON-AURAIYA	S/C	37	0	0.5	0.0	0.5
46		MALANPUR-AURAIYA	S/C	10	13	0.0	0.1	0.0
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>10.8</b>	<b>142.4</b>	<b>-131.7</b>
<b>Import/Export of WR (With SR)</b>								
48	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	21.6	-21.6
49	HVDC LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	1435	0.0	21.9	-21.9
51	400 KV	KOLHAPUR-KUDGI	D/C	0	212	0.6	0.7	-0.1
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	272	0.0	5.7	-5.7
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	84	0	1.6	0.0	1.6
<b>WR-SR</b>						<b>2.2</b>	<b>50.0</b>	<b>-47.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN		<b>Energy Exchange (In MU)</b>				
55		NEPAL		-7.1				
56		BANGLADESH		-8.1				