



**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: 22<sup>nd</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 21.01.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21 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 21 January 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

22-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	43960	43878	35949	17533	2260	143580
Peak Shortage (MW)	973	33	0	0	29	1035
Energy Met (MU)	916	1013	829	329	40	3128
Hydro Gen(MU)	98	53	40	19	11	220
Wind Gen(MU)	17	35	45	-----	-----	97
Solar Gen (MU)*	0.18	8.33	11.90	0.04	0.02	20

**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	0.037	0.00	0.00	3.69	3.69	68.36	27.95

**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	5637	0	106.4	39.3	-0.3	190
	Haryana	6512	0	122.5	68.1	0.3	179
	Rajasthan	9886	0	211.6	58.5	4.4	371
	Delhi	3862	0	65.8	55.1	0.2	279
	UP	13680	0	293.7	92.8	-2.0	259
	Uttarakhand	2000	0	36.9	23.4	0.0	163
	HP	1414	0	26.0	21.1	1.2	179
	J&K	2323	581	49.4	40.6	5.0	409
WR	Chhattisgarh	3233	0	73.5	18.1	-1.4	227
	Gujarat	13221	0	279.7	81.6	1.8	665
	MP	11247	0	211.0	126.2	-1.4	501
	Maharashtra	19849	0	407.2	141.8	-0.8	608
	Goa	419	0	8.6	7.9	0.3	6
	DD	296	0	6.7	6.5	0.1	18
	DNH	733	0	16.6	16.9	-0.3	5
	Essar steel	455	0	9.7	8.7	1.0	237
SR	Andhra Pradesh	7367	0	146.5	14.9	2.3	478
	Telangana	8042	0	155.5	70.4	1.8	730
	Karnataka	9174	0	196.8	71.9	2.6	532
	Kerala	3396	0	64.7	54.7	3.1	251
	Tamil Nadu	12236	0	259.8	141.3	-3.0	584
	Pondy	285	0	5.8	6.1	-0.4	54
ER	Bihar	3614	0	63.9	60.4	1.7	125
	DVC	3074	0	63.3	-38.9	0.6	200
	Jharkhand	1133	0	23.9	14.8	1.4	125
	Odisha	3678	0	66.1	12.1	0.2	150
	West Bengal	6943	0	110.4	28.0	0.6	150
NER	Sikkim	89	0	1.5	1.7	-0.1	15
	Arunachal Pradesh	102	4	2.1	2.0	0.1	0
	Assam	1351	8	22.9	16.1	2.3	206
	Manipur	132	1	2.4	2.3	0.1	22
	Meghalaya	293	0	5.9	4.4	0.0	7
	Mizoram	87	1	1.6	1.2	0.3	27
	Nagaland	100	1	1.9	1.8	0.0	23
Tripura	209	0	3.1	1.9	-0.1	20	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.5	-7.5	-9.1
Day peak (MW)	167.7	-361.1	-595.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	201.0	-190.6	64.5	-77.5	3.4	0.8
Actual(MU)	202.3	-192.5	61.4	-78.1	5.7	-1.2
O/D/U/D(MU)	1.3	-2.0	-3.1	-0.6	2.3	-2.1

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	7294	11856	2300	1720	313	23483
State Sector	10195	20322	8622	5064	110	44313
Total	17489	32178	10922	6784	423	67796

\*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 :	22-Jan-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	411	0.0	13.0	-13.0	
2		SASARAM-FATEHPUR	S/C	152	214	0.0	0.1	-0.1	
3		GAYA-BALIA	S/C	0	359	0.0	6.6	-6.6	
4	HVDC LINK	PUSAULI B/B	S/C	0	249	0.0	6.0	-6.0	
5	400 KV	PUSAULI-SARNATH	S/C	0	229	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	98	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	92	555	0.0	6.3	-6.3	
8		PATNA-BALIA	Q/C	0	846	0.0	17.4	-17.4	
9		BIHARSHARIFF-BALIA	D/C	95	256	0.0	2.6	-2.6	
10		BARH-GORAKHPUR	D/C	0	570	0.0	11.6	-11.6	
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	0.9	-0.9	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	162	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>67.2</b>	<b>-66.5</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	867	0.0	11.8	-11.8	
18		NEW RANCHI-DHARAMJAIGARH	D/C	366	219	2.6	0.0	2.6	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	90	36	0.6	0.0	0.6	
20		JHARSUGUDA-RAIGARH	S/C	105	0	0.9	0.0	0.9	
21		IBEUL-RAIGARH	S/C	93	0	1.1	0.0	1.1	
22		STERLITE-RAIGARH	D/C	0	256	0.0	4.2	-4.2	
23		RANCHI-SIPAT	D/C	317	58	4.0	0.0	4.0	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	119	0.0	1.3	-1.3	
25		BUDHIPADAR-KORBA	D/C	141	0	2.1	0.0	2.1	
<b>ER-WR</b>						<b>11.2</b>	<b>17.3</b>	<b>-6.0</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	307	0.0	11.8	-11.8	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2449	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-1/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>52.3</b>	<b>-52.3</b>	
<b>Import/Export of ER (With NER)</b>									
31	400 KV	BINAGURI-BONGAIGAON	D/C	451	219	2.3	0.0	2	
32		ALIPURDUAR-BONGAIGAON	D/C	341	196	2.7	0.0	3	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.6	0.0	1	
<b>ER-NER</b>						<b>5.7</b>	<b>0.0</b>	<b>5.7</b>	
<b>Import/Export of NR (With NER)</b>									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	11.9	11.9	
<b>NR-NER</b>						<b>0.0</b>	<b>11.9</b>	<b>11.9</b>	
<b>Import/Export of WR (With NR)</b>									
35	HVDC	V'CHAL B/B	D/C	400	200	4.2	1.0	3.3	
36	HVDC	APL- MHG	D/C	0	2519	0.0	56.2	-56.2	
37	765 KV	GWALIOR-AGRA	D/C	0	2926	0.0	64.3	-64.3	
38	765 KV	PHAGI-GWALIOR	D/C	0	1530	0.0	30.5	-30.5	
39	400 KV	ZERDA-KANKROLI	S/C	241	0	2.8	0.0	2.8	
40	400 KV	ZERDA -BHINMAL	S/C	173	106	0.7	0.0	0.7	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	420	0	7	-7	
43	220 KV	BADOD-KOTA	S/C	62	0	1.0	0.0	1.0	
44		BADOD-MORAK	S/C	53	28	0.2	0.3	0.0	
45		MEHGAON-AURAIYA	S/C	59	0	1.0	0.0	1.0	
46		MALANPUR-AURAIYA	S/C	15	1	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>9.9</b>	<b>159.1</b>	<b>-149.2</b>	
<b>Import/Export of WR (With SR)</b>									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.0	-20.0	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	1996	0.0	28.0	-28.0	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	271	0.0	1.5	-1.4	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	224	0.0	4.5	-4.5	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	95	0	1.6	0.0	1.6	
<b>WR-SR</b>						<b>1.7</b>	<b>53.9</b>	<b>-52.3</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						2.5	
55		NEPAL						-7.5	
56		BANGLADESH						-9.1	