



**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: 18<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 17.01.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 17 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 17 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

18-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44030	43784	35713	16523	2290	142340
Peak Shortage (MW)	728	55	0	0	32	815
Energy Met (MU)	893	1008	829	322	39	3091
Hydro Gen(MU)	100	52	35	20	11	217
Wind Gen(MU)	7	25	25	-----	-----	57
Solar Gen (MU)*	0.58	10.53	17.20	0.04	0.02	28

**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	0.046	0.00	0.08	7.11	7.19	70.24	22.57

**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	4897	0	91.9	44.7	1.9	328
	Haryana	6628	0	120.3	67.5	-0.1	276
	Rajasthan	9980	86	212.4	72.4	0.9	199
	Delhi	3976	0	68.2	54.9	2.5	318
	UP	14299	0	294.7	95.0	0.2	412
	Uttarakhand	1920	0	32.9	21.1	0.3	194
	HP	1421	0	27.0	20.2	1.8	276
	J&K	2012	503	41.3	38.9	-1.3	70
WR	Chhattisgarh	3270	0	74.7	12.4	1.1	242
	Gujarat	13210	0	273.5	74.3	-0.9	551
	MP	9945	0	210.4	122.7	-2.7	265
	Maharashtra	19897	195	409.4	146.3	3.4	763
	Goa	450	0	8.8	8.2	0.0	66
	DD	297	0	6.5	6.5	-0.1	12
	DNH	710	0	16.4	16.5	-0.1	18
	Essar steel	411	0	8.0	7.7	0.2	127
SR	Andhra Pradesh	6715	0	146.4	15.8	1.6	311
	Telangana	8042	0	155.2	67.8	1.3	385
	Karnataka	9073	0	191.7	70.2	-3.8	440
	Kerala	3481	0	64.2	54.5	2.4	368
	Tamil Nadu	12984	0	266.0	142.4	0.9	527
	Pondy	265	0	5.5	6.4	-0.9	16
ER	Bihar	3485	0	59.5	59.2	-2.2	134
	DVC	2740	0	62.4	-40.6	-1.7	250
	Jharkhand	1124	0	23.2	14.5	1.0	210
	Odisha	3633	0	67.3	13.1	0.8	367
	West Bengal	6630	0	107.9	28.3	2.0	236
NER	Sikkim	86	0	1.5	2.1	-0.6	18
	Arunachal Pradesh	108	2	2.0	1.9	0.2	9
	Assam	1379	7	22.6	16.2	2.4	184
	Manipur	132	2	2.4	2.4	0.0	30
	Meghalaya	291	0	5.6	4.3	-0.2	23
	Mizoram	87	1	1.5	1.2	0.3	15
	Nagaland	101	2	1.9	1.8	0.1	13
Tripura	209	1	3.3	1.6	0.8	24	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.9	-7.6	-11.2
Day peak (MW)	200.7	-246.4	-602.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	213.7	-214.8	76.3	-80.2	5.2	0.3
Actual(MU)	215.8	-212.8	67.4	-83.7	8.0	-5.2
O/D/U/D(MU)	2.1	2.0	-8.9	-3.5	2.8	-5.5

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6754	10481	2050	1450	642	21377
State Sector	10735	19242	7294	5594	110	42975
Total	17489	29723	9344	7044	751	64352

\*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 :	18-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	428	0.0	15.1	-15.1	
2		SASARAM-FATEHPUR	S/C	113	147	0.0	0.3	-0.3	
3		GAYA-BALIA	S/C	0	361	0.0	6.5	-6.5	
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	6.1	-6.1	
5	400 KV	PUSAULI-SARNATH	S/C	0	239	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	50	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	74	353	0.0	5.7	-5.7	
8		PATNA-BALIA	Q/C	0	795	0.0	15.5	-15.5	
9		BIHARSHARIFF-BALIA	D/C	11	201	0.0	3.4	-3.4	
10		BARH-GORAKHPUR	D/C	0	524	0.0	10.9	-10.9	
11	BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.5	-1.5		
12	220 KV	PUSAULI-SAHUPURI	S/C	0	134	0.0	2.4	-2.4	
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>67.3</b>	<b>-66.7</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	866	0.0	11.8	-11.8	
18		NEW RANCHI-DHARAMJAIGARH	D/C	375	273	2.3	0.0	2.3	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	125	35	0.7	0.0	0.7	
20		JHARSUGUDA-RAIGARH	S/C	140	0	1.5	0.0	1.5	
21		IBEUL-RAIGARH	S/C	99	0	1.1	0.0	1.1	
22		STERLITE-RAIGARH	D/C	0	271	0.0	3.8	-3.8	
23		RANCHI-SIPAT	D/C	222	26	2.2	0.0	2.2	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	1	114	0.0	1.1	-1.1	
25		BUDHIPADAR-KORBA	D/C	162	0	2.2	0.0	2.2	
<b>ER-WR</b>						<b>10.0</b>	<b>16.7</b>	<b>-6.8</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	336	0.0	13.2	-13.2	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2454	0.0	41.2	-41.2	
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>54.4</b>	<b>-54.4</b>	
<b>Import/Export of ER (With NER)</b>									
31	400 KV	BINAGURI-BONGAIGAON	D/C	383	276	1.6	0.0	2	
32		ALIPURDUAR-BONGAIGAON	D/C	270	228	1.4	0.0	1	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.4	0.0	0	
<b>ER-NER</b>						<b>3.4</b>	<b>0.0</b>	<b>3.4</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	250	250	2.2	2.3	-0.1	
36	HVDC	APL -MHG	D/C	0	2518	0.0	60.4	-60.4	
37	765 KV	GWALIOR-AGRA	D/C	0	3168	0.0	61.2	-61.2	
38	765 KV	PHAGI-GWALIOR	D/C	0	1648	0.0	30.4	-30.4	
39	400 KV	ZERDA-KANKROLI	S/C	195	44	1.4	0.0	1.4	
40	400 KV	ZERDA -BHINMAL	S/C	105	213	0.0	1.5	-1.5	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	499	0	9	-9	
43	220 KV	BADOD-KOTA	S/C	62	3	0.8	0.0	0.7	
44		BADOD-MORAK	S/C	17	50	0.0	0.4	-0.4	
45		MEHGAON-AURAIYA	S/C	51	0	1.0	0.0	1.0	
46		MALANPUR-AURAIYA	S/C	16	10	0.1	0.0	0.1	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>5.6</b>	<b>164.8</b>	<b>-159.2</b>	
<b>Import/Export of WR (With SR)</b>									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.0	-19.0	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2281	0.0	38.3	-38.3	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	329	0.0	3.3	-3.3	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	264	0.0	5.6	-5.6	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	78	0	1.5	0.0	1.5	
<b>WR-SR</b>						<b>1.5</b>	<b>66.3</b>	<b>-64.8</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						2.9	
55		NEPAL						-7.6	
56		BANGLADESH						-11.2	