



**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: 19<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 18.01.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18 जनवरी 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 18 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 19-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44447	43824	36461	17406	2263	144400
Peak Shortage (MW)	499	33	0	250	43	825
Energy Met (MU)	898	1006	835	326	39	3104
Hydro Gen(MU)	99	37	32	20	7	195
Wind Gen(MU)	12	45	48	-----	-----	104
Solar Gen (MU)*	2.56	9.75	17.20	0.04	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	0.047	0.00	0.25	5.69	5.95	66.35	27.70

**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	5225	0	95.2	45.3	1.7	311
	Haryana	6631	0	121.1	64.8	0.0	143
	Rajasthan	9803	0	212.0	65.7	3.6	313
	Delhi	3973	0	68.6	56.0	1.5	291
	UP	14319	0	292.9	94.8	-0.2	552
	Uttarakhand	1917	0	36.1	21.7	-0.3	105
	HP	1467	0	27.2	21.3	1.1	171
	J&K	2022	506	40.9	37.1	0.2	365
WR	Chandigarh	246	0	4.2	4.2	0.0	19
	Chhattisgarh	3234	0	73.0	15.6	-0.9	198
	Gujarat	12969	0	273.5	74.1	-0.7	476
	MP	11190	0	212.1	118.8	-2.2	233
	Maharashtra	19419	195	407.1	153.0	-0.6	606
	Goa	440	0	8.9	8.3	0.1	67
	DD	295	0	6.7	6.6	0.1	18
	DNH	719	0	16.4	16.6	-0.2	32
SR	Essar steel	614	0	7.8	8.8	-1.0	156
	Andhra Pradesh	6790	0	144.0	12.5	1.6	404
	Telangana	8160	0	155.2	68.9	0.6	333
	Karnataka	9055	0	194.7	64.6	0.9	418
	Kerala	3399	0	63.6	53.9	2.8	207
	Tamil Nadu	12878	0	271.1	141.8	-4.2	442
	Pondy	307	0	6.1	6.8	-0.7	14
	ER	Bihar	3648	200	61.3	61.4	-1.9
DVC		2881	0	64.6	-41.1	-0.5	220
Jharkhand		1168	0	22.0	15.2	1.1	150
Odisha		3541	0	67.2	12.5	2.5	280
West Bengal		6595	0	109.5	28.1	2.0	300
NER	Sikkim	86	0	1.7	1.5	0.1	21
	Arunachal Pradesh	104	2	2.8	1.8	0.9	21
	Assam	1367	21	22.0	16.7	1.2	159
	Manipur	136	4	2.2	2.4	-0.1	17
	Meghalaya	293	0	5.3	4.3	0.0	23
	Mizoram	84	1	1.6	1.2	0.3	31
	Nagaland	99	3	2.2	1.8	0.3	28
Tripura	192	0	3.4	1.6	0.1	55	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.6	-7.6	-10.2
Day peak (MW)	173.4	-339.2	-604.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	204.8	-199.6	74.3	-83.2	5.4	1.7
Actual(MU)	214.0	-207.6	64.3	-82.9	7.4	-4.8
O/D/U/D(MU)	9.2	-8.0	-10.0	0.3	2.0	-6.5

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6754	11311	2050	1450	279	21844
State Sector	9920	19469	7522	5274	110	42295
Total	16674	30780	9572	6724	388	64139

\*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 : 19-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	408	0.0	12.8	-12.8
2		SASARAM-FATEHPUR	S/C	160	98	0.4	0.0	0.4
3		GAYA-BALIA	S/C	0	393	0.0	7.7	-7.7
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	5.9	-5.9
5	400 KV	PUSAULI-SARNATH	S/C	0	228	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	68	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	55	371	0.0	5.7	-5.7
8		PATNA-BALIA	Q/C	0	900	0.0	15.7	-15.7
9		BIHARSHARIFF-BALIA	D/C	0	282	0.0	4.3	-4.3
10	400 KV	BARH-GORAKHPUR	D/C	0	569	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	143	0.0	2.5	-2.5
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.6	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>1.0</b>	<b>67.1</b>	<b>-66.1</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	1046	0.0	14.0	-14.0
18		NEW RANCHI-DHARAMJAIGARH	D/C	560	142	3.2	0.0	3.2
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	151	95	0.3	0.0	0.3
20		JHARSUGUDA-RAIGARH	S/C	161	48	1.0	0.0	1.0
21		IBEUL-RAIGARH	S/C	116	30	0.7	0.0	0.7
22		STERLITE-RAIGARH	D/C	0	290	0.0	4.2	-4.2
23		RANCHI-SIPAT	D/C	307	44	2.3	0.0	2.3
24	220 KV	BUDHIPADAR-RAIGARH	S/C	12	131	0.0	0.2	-0.2
25		BUDHIPADAR-KORBA	D/C	162	0	0.2	0.0	0.2
<b>ER-WR</b>						<b>7.8</b>	<b>18.4</b>	<b>-10.6</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	257	0.0	13.0	-13.0
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2348	0.0	35.8	-35.8
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>48.8</b>	<b>-48.8</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	D/C	522	332	2.0	0.0	2
32		ALIPURDUAR-BONGAIGAON	D/C	356	267	1.6	0.0	2
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.5	0.0	1
<b>ER-NER</b>						<b>4.1</b>	<b>0.0</b>	<b>4.1</b>
<b>Import/Export of NR (With NER)</b>								
34	HVDC LINK	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 LINK	V'CHAL B/B	D/C	500	50	7.7	0.1	7.6
36	HVDC LINK	APL-MHG	D/C	0	2518	0.0	60.5	-60.5
37	765 KV	GWALIOR-AGRA	D/C	0	3262	0.0	66.2	-66.2
38	765 KV	PHAGI-GWALIOR	D/C	0	1508	0.0	32.6	-32.6
39	400 KV	ZERDA-KANKROLI	S/C	191	0	2.3	0.0	2.3
40	400 KV	ZERDA -BHINMAL	S/C	175	142	0.0	0.0	0.0
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	397	0	7	-7
43	220 KV	BADOD-KOTA	S/C	29	0	0.4	0.0	0.4
44		BADOD-MORAK	S/C	38	71	1.7	6.7	-5.0
45		MEHGAON-AURAIYA	S/C	72	0	0.9	0.0	0.9
46		MALANPUR-AURAIYA	S/C	9	13	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>13.0</b>	<b>173.4</b>	<b>-160.4</b>
<b>Import/Export of WR (With SR)</b>								
48	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	19.1	-19.1
49	HVDC LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2016	0.0	36.2	-36.2
51	400 KV	KOLHAPUR-KUDGI	D/C	0	213	0.0	1.7	-1.7
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	270	0.0	5.7	-5.7
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>62.8</b>	<b>-61.3</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						4.6
55		NEPAL						-7.6
56		BANGLADESH						-10.2