



**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: 16<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 15.01.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15 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 15 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 16-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41587	38622	31900	16961	2241	131311
Peak Shortage (MW)	567	42	0	200	17	826
Energy Met (MU)	866	919	740	317	37	2880
Hydro Gen(MU)	96	47	24	18	11	195
Wind Gen(MU)	15	31	29	-----	-----	75
Solar Gen (MU)*	0.00	8.15	13.50	0.04	0.02	22

**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	0.048	0.00	0.43	3.33	3.76	67.62	28.62

**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	4909	0	95.7	40.1	-0.6	194
	Haryana	6098	0	108.0	62.9	-0.3	301
	Rajasthan	9727	0	206.0	70.7	3.3	387
	Delhi	3677	8	60.3	48.7	0.4	256
	UP	13145	0	286.4	91.8	0.2	255
	Uttarakhand	1800	0	33.9	19.9	0.2	106
	HP	1312	0	24.6	19.9	-0.1	148
	J&K	2268	567	47.7	39.9	4.0	311
WR	Chandigarh	201	0	3.5	3.5	0.0	18
	Chhattisgarh	3106	0	71.1	10.5	-0.2	331
	Gujarat	10898	0	213.8	57.0	-0.3	846
	MP	9994	0	207.5	118.6	-1.4	532
	Maharashtra	18776	353	389.1	128.0	2.7	1076
	Goa	481	0	7.7	7.9	-0.9	46
	DD	265	0	5.8	5.6	0.2	20
	DNH	703	0	15.7	15.9	-0.2	39
SR	Essar steel	462	0	8.7	8.1	0.6	211
	Andhra Pradesh	6028	0	134.3	2.4	1.5	626
	Telangana	7572	0	140.8	64.9	-0.7	314
	Karnataka	8236	0	178.7	64.0	3.3	363
	Kerala	3115	0	57.8	52.2	1.5	235
	Tamil Nadu	10783	0	223.9	120.6	-0.3	507
	Pondy	229	0	4.6	5.6	-1.0	20
	ER	Bihar	3614	200	63.7	60.9	-0.6
DVC		2715	0	61.8	-35.5	-1.4	365
Jharkhand		1130	0	24.3	15.3	1.4	135
Odisha		3732	0	66.7	14.5	1.4	436
West Bengal		6063	0	98.8	18.8	1.1	389
NER	Sikkim	86	0	1.9	1.7	0.1	25
	Arunachal Pradesh	118	3	2.1	2.0	0.1	9
	Assam	1314	0	21.2	15.0	1.8	184
	Manipur	136	2	2.3	2.3	0.0	30
	Meghalaya	290	0	4.8	4.8	-0.4	23
	Mizoram	79	1	1.4	1.3	0.1	15
	Nagaland	106	3	2.2	1.9	0.3	13
Tripura	207	0	3.1	1.9	-0.2	24	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.9	-6.8	-10.0
Day peak (MW)	146.2	-336.0	-604.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	210.1	-194.8	55.4	-78.2	1.8	-5.7
Actual(MU)	197.1	-178.2	54.1	-76.1	2.8	-0.3
O/D/U/D(MU)	-13.0	16.6	-1.3	2.1	1.0	5.4

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6942	10951	2270	1450	134	21747
State Sector	10075	20324	7692	5594	110	43795
Total	17017	31275	9962	7044	243	65542

\*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 :	16-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	423	0.0	14.2	-14.2	
2		SASARAM-FATEHPUR	S/C	142	129	0.0	0.1	-0.1	
3		GAYA-BALIA	S/C	0	377	0.0	7.0	-7.0	
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	65	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	84	353	0.0	5.4	-5.4	
8		PATNA-BALIA	Q/C	0	754	0.0	15.0	-15.0	
9		BIHARSHARIFF-BALIA	D/C	73	201	0.0	3.2	-3.2	
10		BARH-GORAKHPUR	D/C	0	538	0.0	11.1	-11.1	
11	BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.1	-1.1		
12	220 KV	PUSAULI-SAHUPURI	S/C	0	158	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	0.6	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>65.7</b>	<b>-65.0</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	896	0.0	16.0	-16.0	
18		NEW RANCHI-DHARAMJAIGARH	D/C	340	187	2.2	0.0	2.2	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	41	104	0.0	0.9	-0.9	
20		JHARSUGUDA-RAIGARH	S/C	43	81	0.0	0.3	-0.3	
21		IBEUL-RAIGARH	S/C	35	53	0.0	0.1	-0.1	
22		STERLITE-RAIGARH	D/C	0	355	0.0	5.5	-5.5	
23		RANCHI-SIPAT	D/C	187	53	1.8	0.0	1.8	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	149	0.0	1.8	-1.8	
25		BUDHIPADAR-KORBA	D/C	156	0	2.2	0.0	2.2	
<b>ER-WR</b>						<b>6.2</b>	<b>24.6</b>	<b>-18.4</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	339	0.0	12.8	-12.8	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	1580	0.0	29.4	-29.4	
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>42.2</b>	<b>-42.2</b>	
<b>Import/Export of ER (With NER)</b>									
31	400 KV	BINAGURI-BONGAIGAON	D/C	537	57	4.2	0.0	4	
32		ALIPURDUAR-BONGAIGAON	D/C	384	69	3.5	0.0	3	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	1.0	0.0	1	
<b>ER-NER</b>						<b>8.7</b>	<b>0.0</b>	<b>8.7</b>	
<b>Import/Export of NR (With NER)</b>									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	0.0	0.0	
<b>NR-NER</b>						<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
<b>Import/Export of WR (With NR)</b>									
35	HVDC	V'CHAL B/B	D/C	250	0	6.1	0.0	6.1	
36	HVDC	APL-MHG	D/C	0	2519	0.0	54.2	-54.2	
37	765 KV	GWALIOR-AGRA	D/C	0	2948	0.0	60.9	-60.9	
38	765 KV	PHAGI-GWALIOR	D/C	0	1634	0.0	32.9	-32.9	
39	400 KV	ZERDA-KANKROLI	S/C	196	24	1.9	0.0	1.9	
40	400 KV	ZERDA -BHINMAL	S/C	133	192	0.0	0.7	-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	0	0	0	0	
43	220 KV	BADOD-KOTA	S/C	79	0	0.9	0.0	0.9	
44		BADOD-MORAK	S/C	25	27	0.1	0.3	-0.2	
45		MEHGAON-AURAIYA	S/C	63	0	1.1	0.0	1.1	
46		MALANPUR-AURAIYA	S/C	18	8	0.2	0.0	0.2	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>10.3</b>	<b>148.9</b>	<b>-138.6</b>	
<b>Import/Export of WR (With SR)</b>									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.4	-19.4	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	1941	0.0	31.6	-31.6	
51	400 KV	KOLHAPUR-KUDGI	D/C	63	306	0.0	3.1	-3.0	
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	80	0	1.4	0.0	1.4	
<b>WR-SR</b>						<b>1.4</b>	<b>59.6</b>	<b>-58.3</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						1.9	
55		NEPAL						-6.8	
56		BANGLADESH						-10.0	