



**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, 2016

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. Executive Director, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
कार्यपालक निदेशक, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, 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, शिलोंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009  
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 18.01.2016.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 18<sup>th</sup> Jan 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके की वेबसाइट पर निम्न लिंक 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<sup>th</sup> Jan 2016, is available at the NLDC website.

[http://posoco.in/attachments/article/94/19.01.16\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/19.01.16_NLDC_PSP.pdf)

Thanking You.



**पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली**

Report for previous day

Date of Reporting

19-Jan-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41293	40193	32766	16749	2268	133269
Peak Shortage (MW)	2104	219	500	0	84	2907
Energy Met (MU)	843	935	758	331	38	2905
Hydro Gen(MU)	103	26	55	19	7	210
Wind Gen(MU)	8	16	8	-----	-----	32

**B. Frequency Profile (%)**

Region	<49.2	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.00	0.00	1.44	13.50	14.93	66.97	18.10
SR GRID	0.00	0.00	1.44	13.50	14.93	66.97	18.10

**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	5543	0	103.3	36.6	0.0	174
	Haryana	6597	107	112.7	59.1	-1.6	193
	Rajasthan	10214	0	217.4	61.2	0.9	331
	Delhi	3591	0	63.5	50.2	-0.6	226
	UP	10912	1400	235.3	89.1	-0.1	303
	Uttarakhand	1929	0	36.4	25.4	1.1	287
	HP	1394	7	25.9	20.6	1.7	222
	J&K	2033	508	44.9	38.0	1.5	166
WR	Chandigarh	205	0	3.5	3.7	0.3	33
	Chhattisgarh	3308	96	73.3	25.2	-0.8	534
	Gujarat	12996	0	273.4	66.6	2.3	311
	MP	9054	0	177.7	104.8	-5.4	384
	Maharashtra	18481	12	373.3	80.0	3.2	656
	Goa	397	0	7.9	7.6	-0.4	0
	DD	291	0	6.4	6.2	0.2	36
	DNH	684	0	15.9	16.0	-0.1	64
SR	Essar steel	348	0	7.3	6.3	1.0	85
	Andhra Pradesh	6461	0	126.6	4.6	-4.3	651
	Telangana	6045	0	126.2	90.8	-0.2	316
	Karnataka	8724	800	187.6	43.2	2.7	428
	Kerala	3408	0	62.0	48.8	0.3	125
	Tamil Nadu	12537	0	250.1	117.2	3.6	590
ER	Pondy	275	0	5.4	5.9	-0.5	21
	Bihar	3546	0	65.6	64.0	-0.7	160
	DVC	2652	0	58.9	-17.5	-2.4	180
	Jharkhand	1008	0	22.4	14.1	0.2	100
	Odisha	3536	0	61.3	20.4	-1.1	240
	West Bengal	6439	0	121.6	27.5	-0.5	350
NER	Sikkim	104	0	1.3	1.2	0.1	38
	Arunachal Pradesh	105	4	2.0	1.5	0.5	35
	Assam	1284	43	21.9	15.8	2.1	136
	Manipur	150	2	2.6	2.4	0.2	24
	Meghalaya	335	3	5.1	5.1	-1.0	43
	Mizoram	93	1	1.5	1.1	0.3	40
	Nagaland	110	2	2.0	1.5	0.4	40
Tripura	211	1	3.1	-0.9	0.3	96	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.2	-4.9	-9.3
Max MW		-227.3	-499.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	113.2	-154.6	70.6	-42.0	7.7	-5.1
Actual(MU)	109.0	-165.6	95.5	-50.1	10.0	-1.2
O/D/U/D(MU)	-4.2	-11.0	24.9	-8.1	2.3	3.8

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	2989	12697	1500	1310	436	18932
State Sector	8690	12315	6368	5399	110	32882
Total	11679	25012	7868	6709	546	51814

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	19-Jan-16
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-FATEHPUR	S/C	79	97	0.3	0.0	0.3	
		SASARAM-FATEHPUR	S/C	0	0	6.0	0.0	6.0	
2		GAYA-BALIA	S/C	0	0	0.0	2.8	-2.8	
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0.0	6.5	-6.5	
4	400 KV	PUSAULI-SARNATH	S/C	0	273	0.0	0.0	0.0	
5		PUSAULI -ALLAHABAD	D/C	0	158	0.0	0.0	0.0	
6		MUZAFFARPUR-GORAKHPUR	D/C	787	0	14.7	0.0	14.7	
7		PATNA-BALIA	Q/C	0	198	0.0	7.3	-7.3	
8		BIHARSHARIFF-BALIA	D/C	370	0	6.2	0.0	6.2	
		BARH-GORAKHPUR	D/C	0	0	0.0	9.2	-9.2	
10	220 KV	PUSAULI-SAHUPURI	S/C	0	115	0.0	3.4	-3.4	
11	132 KV	SONE NAGAR-RIHAND	S/C	0	1	0.0	0.0	0.0	
12		GARWAH-RIHAND	S/C	33	0	0.6	0.0	0.6	
13		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
14		KARMANASA-CHANDALI	S/C	0	0	0.0	0.0	0.0	
<b>ER-NR</b>						<b>27.8</b>	<b>29.3</b>	<b>-1.5</b>	
<b>Import/Export of ER (With WR)</b>									
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	0.0	7.5	-7.5	
16		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	0.0	1.6	-1.6	
17	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	0.0	1.1	-1.1	
18		JHARSUGUDA-RAIGARH	S/C	0	0	2.5	0.0	2.5	
19		IBEUL-RAIGARH	S/C	0	0	1.7	0.0	1.7	
20		STERLITE-RAIGARH	D/C	0	0	0.0	2.6	-2.6	
21		RANCHI-SIPAT	D/C	326	0	3.9	0.0	3.9	
22	220 KV	BUDHIPADAR-RAIGARH	S/C	47	39	0.0	0.2	-0.2	
23		BUDHIPADAR-KORBA	D/C	150	0	2.4	0.0	2.4	
<b>ER-WR</b>						<b>10.6</b>	<b>12.9</b>	<b>-2.3</b>	
<b>Import/Export of ER (With SR)</b>									
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	720	0	15.8	-15.8	
25	TALCHER-KOLAR BIPOLE	D/C	0	2268	0	42.0	-42.0		
26	400 KV	TALCHER-I/C		0	1167	0	32.8159	-32.8	
27	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0.0	
<b>ER-SR</b>						<b>0.0</b>	<b>57.8</b>	<b>-57.8</b>	
<b>Import/Export of ER (With NER)</b>									
27	400 KV	BINAGURI-BONGAIGAON	Q/C	0	631	0	30	-30	
28	220 KV	BIRPARA-SALAKATI	D/C	0	133	0	2	-2	
<b>ER-NER</b>						<b>0.0</b>	<b>32.2</b>	<b>-32.2</b>	
<b>Import/Export of NR (With NER)</b>									
29	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	12	0	11.7	
<b>NR-NER</b>						<b>11.7</b>	<b>0.0</b>	<b>11.7</b>	
<b>Import/Export of WR (With NR)</b>									
30	HVDC	VCHAL B/B	D/C	500	350	3.4	1.5	1.8	
31	765 KV	GWALIOR-AGRA	D/C	0	2284	0.0	42.1	-42.1	
32	765 KV	PHAGI-GWALIOR	D/C	0	935	0	15.8	-15.8	
33	400 KV	ZERDA-KANKROLI	S/C	296	0	4.7	0.0	4.7	
34	400 KV	ZERDA -BHINMAL	S/C	220	80	1.7	0.0	1.7	
35	400 KV	VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
36	220 KV	BADOD-KOTA	S/C	102	0	1.8	0.0	1.8	
37		BADOD-MORAK	S/C	55	0	0.7	0.0	0.7	
38		MEHGAON-AURAIYA	S/C	84	0	1.5	0.0	1.5	
39		MALANPUR-AURAIYA	S/C	40	0	0.7	0.0	0.7	
40	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>14.6</b>	<b>59.4</b>	<b>-44.9</b>	
41	HVDC	APL -MHG	D/C	0	2519	0	54	-53.9	
<b>Import/Export of WR (With SR)</b>									
42	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.7	-19.7	
43	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
44	765 KV	SOLAPUR-RAICHUR	D/C	0	1970	0.0	37.6	-37.6	
	400 KV	KOLHAPUR-KUDGI	D/C	174	281	0.4	1.4	-1.0	
45	220 KV	KOLHAPUR-CHIKODI	D/C	0	217	0.0	4.4	-4.4	
46		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
47		XELDEM-AMBEWADI	S/C	97	0	0.3	0.0	0.3	
<b>WR-SR</b>						<b>0.7</b>	<b>63.1</b>	<b>-62.4</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
48		BHUTAN						2.2	
49		NEPAL						-4.9	
50		BANGLADESH						-9.3	