



**National Load Despatch Centre**  
राष्ट्रीय भार प्रेषण केंद्र  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
(Government of India Enterprise/ भारत सरकार का उद्यम)  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016  
बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 26<sup>th</sup> Jan 2018

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, 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. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093  
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006  
Executive Director, 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 25.01.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-जनवरी - 2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 25<sup>th</sup> January 2018, is available at the NLDC website.

धन्यवाद,

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

Report for previous day

Date of Reporting

26-Jan-18

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	43776	45117	40197	18112	2364	149566
Peak Shortage (MW)	547	90	0	0	65	701
Energy Met (MU)	900	1049	916	346	40	3251
Hydro Gen(MU)	99	24	62	29	9	222
Wind Gen(MU)	7	15	10	-----	-----	32
Solar Gen (MU)*	5.77	18.18	43.40	0.71	0.02	68
Energy Shortage (MU)	15.5	0.1	2.1	0.0	0.8	18.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	45162	51184	42567	18299	2392	151380

**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	0.071	0.00	1.47	19.59	21.06	72.47	6.47

**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)	Energy Shortage (MU)
NR	Punjab	4638	0	96.9	17.1	0.0	279	0.0
	Haryana	6348	0	115.6	59.9	0.6	202	0.9
	Rajasthan	10184	1763	214.8	68.6	2.6	314	3.7
	Delhi	3981	0	68.2	51.8	-0.4	251	0.1
	UP	14085	0	291.1	102.3	1.0	966	0.3
	Uttarakhand	2014	0	37.5	28.2	-0.6	176	0.0
	HP	1512	0	27.6	22.1	1.0	247	0.0
	J&K	2202	551	44.8	41.8	-0.8	91	10.6
WR	Chandigarh	223	0	3.6	3.5	0.1	26	0.0
	Chhattisgarh	3404	0	73.5	5.3	-0.5	128	0.1
	Gujarat	14203	0	298.1	129.7	1.5	400	0.0
	MP	11325	0	214.9	129.1	-0.2	436	0.0
	Maharashtra	20714	0	418.3	133.1	1.8	285	0.0
	Goa	460	0	9.3	9.8	-1.1	76	0.0
	DD	326	0	7.0	6.8	0.3	77	0.0
	DNH	767	0	17.8	16.8	1.1	75	0.0
SR	Essar steel	497	0	10.1	9.8	0.3	184	0.0
	Andhra Pradesh	8545	0	167.6	50.5	0.4	425	0.4
	Telangana	9154	0	181.3	80.3	-0.3	434	0.4
	Karnataka	9694	0	203.6	91.8	-2.5	287	0.5
	Kerala	3434	0	67.6	52.0	1.1	169	0.2
	Tamil Nadu	13833	0	289.1	164.1	-0.7	430	0.7
ER	Pondy	346	0	6.7	7.1	-0.4	26	0.0
	Bihar	4119	0	66.5	63.5	-3.3	40	0.0
	DVC	3118	0	69.2	-39.5	-1.3	200	0.0
	Jharkhand	1175	0	22.7	13.9	-1.4	50	0.0
	Odisha	3957	0	74.9	18.1	1.0	250	0.0
	West Bengal	6291	0	110.9	19.2	1.9	320	0.0
NER	Sikkim	104	0	1.4	1.5	-0.1	10	0.0
	Arunachal Pradesh	105	5	1.9	1.7	0.2	35	0.0
	Assam	1387	34	22.6	19.1	0.6	154	0.6
	Manipur	172	13	2.6	2.8	-0.2	14	0.0
	Meghalaya	324	1	5.8	3.7	-0.1	47	0.0
	Mizoram	90	13	1.8	0.9	0.1	31	0.0
NER	Nagaland	97	20	1.8	1.8	-0.1	41	0.0
	Tripura	221	10	3.3	3.8	0.1	62	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.0	-10.1	-12.1
Day peak (MW)	149.8	-528.8	-625.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	165.0	-199.4	110.2	-80.7	4.1	-0.8
Actual(MU)	161.1	-198.5	107.8	-82.5	3.4	-8.8
O/D/U/D(MU)	-4.0	0.8	-2.4	-1.8	-0.7	-8.0

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4471	12785	5132	2245	282	24915
State Sector	9510	18253	5480	5295	50	38588
Total	13981	31038	10612	7540	331	63503

**G. Sourcewise generation (MU)**

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	578	1158	588	420	9	2752
Hydro	99	24	62	29	9	222
Nuclear	29	24	64	0	0	117
Gas, Naptha & Diesel	24	45	19	0	22	110
RES (Wind, Solar, Biomass & Others)	39	33	94	2	0	168
Total	769	1283	826	451	40	3368

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : 26-Jan-18
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	303	0.0	9.2	-9.2
2		SASARAM-FATEHPUR	S/C	0	200	0.0	2.4	-2.4
3		GAYA-BALIA	S/C	0	278	0.0	5.6	-5.6
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	248	0.0	5.8	-5.8
6	400 kV	PUSAULI-VARANASI	S/C	0	180	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	122	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	6.4	-6.4
9		PATNA-BALIA	Q/C	0	1011	0.0	20.2	-20.2
10		BIHARSHARIFF-BALIA	D/C	0	281	0.0	4.2	-4.2
11		MOTIHARI-GORAKHPUR	D/C	0	0	0.0	6.8	-6.8
12		BIHARSHARIFF-VARANASI	D/C	0	136	0.0	2.1	-2.1
13	220 kV	PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.0	0.0	0.0
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAUJI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>0.0</b>	<b>62.5</b>	<b>-62.5</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	7.3	0.0	7.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	553	0.0	2.5	-2.5
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	128	1.1	0.0	1.1
21		RANCHI-SIPAT	D/C	0	86	1.2	0.0	1.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	160	0.0	1.9	-1.9
23		BUDHIPADAR-KORBA	D/C	0	0	1.6	0.0	1.6
<b>ER-WR</b>						<b>11.2</b>	<b>4.4</b>	<b>6.8</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	21.1	-21.1
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	453.4	0.0	16.0	-16.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2038.4	0.0	42.7	-42.7
27	400 kV	TALCHER-I/C	D/C	0.0	0.0	8.3	1.0	7.3
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>79.9</b>	<b>-79.9</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	83	3.2	0.0	3
30		ALIPURDUAR-BONGAIGAON	D/C	0	105	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.7	-1
<b>ER-NER</b>						<b>7.1</b>	<b>0.7</b>	<b>6.4</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	471	0	11.6	0.0	11.6
<b>NER-NR</b>						<b>11.6</b>	<b>0.0</b>	<b>11.6</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1407	0.0	57.0	-57.0
34		V'CHAL B/B	D/C	250	50	4.9	0.2	4.7
35		APL -MHG	D/C	0	809	0.0	17.3	-17.3
36	765 kV	GWALIOR-AGRA	D/C	0	2746	0.0	49.4	-49.4
37		PHAGI-GWALIOR	D/C	485	1424	0.0	28.5	-28.5
38	400 kV	ZERDA-KANKROLI	S/C	189	0	3.0	0.0	3.0
39		ZERDA -BHINMAL	S/C	171	66	1.1	0.0	1.1
40		V'CHAL -RIHAND	S/C	974	0	22.5	0.0	22.5
41		RAPP-SHUJALPUR	D/C	0	1574	0	2	-2
42	220 kV	BADOD-KOTA	S/C	86	0	1.2	0.0	1.2
43		BADOD-MORAK	S/C	37	38	0.3	0.2	0.1
44		MEHGAON-AURAIYA	S/C	103	0	2.0	0.0	2.0
45		MALANPUR-AURAIYA	S/C	59	0	1.0	0.0	1.0
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>36.0</b>	<b>154.6</b>	<b>-118.7</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1263	0.0	19.8	-19.8
50		WARDHA-NIZAMABAD	D/C	0	2211	0.0	35.9	-35.9
51	400 kV	KOLHAPUR-KUDGI	D/C	406	229	4.9	0.0	4.9
52	220 kV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	73	0	1.5	0.0	1.5
<b>WR-SR</b>						<b>6.5</b>	<b>79.6</b>	<b>-73.1</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						<b>3.0</b>
56		NEPAL						<b>-10.1</b>
57		BANGLADESH						<b>-12.1</b>