



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: 27th 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 26.01.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-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 26th 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

27-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	38961	39628	37782	17547	2256	136174
Peak Shortage (MW)	553	58	0	0	29	640
Energy Met (MU)	863	976	878	348	39	3105
Hydro Gen(MU)	97	13	51	25	8	195
Wind Gen(MU)	2	13	20	-----	-----	36
Solar Gen (MU)*	5.47	18.35	44.71	0.33	0.02	69
Energy Shortage (MU)	11.4	0.0	0.7	0.0	0.3	12.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42864	46233	40939	17576	2290	146388

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	0.036	0.00	0.10	7.50	7.60	82.62	9.78

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	4723	0	94.8	22.2	-0.4	109	0.0
	Haryana	5603	0	103.7	52.9	0.7	284	0.0
	Rajasthan	11300	0	212.7	74.9	3.2	450	0.2
	Delhi	3542	0	57.7	43.9	0.4	359	0.0
	UP	13742	560	282.7	102.3	1.2	829	0.0
	Uttarakhand	1797	0	33.3	23.0	2.6	262	0.0
	HP	1369	0	24.4	20.0	0.5	319	0.0
	J&K	2195	549	50.6	43.3	0.1	185	11.2
WR	Chandigarh	210	0	3.4	3.1	0.3	50	0.0
	Chhattisgarh	3305	0	72.1	3.9	-0.6	170	0.0
	Gujarat	13032	0	281.7	133.9	2.1	364	0.0
	MP	11401	0	213.4	129.3	-2.6	439	0.0
	Maharashtra	17751	0	369.9	117.9	1.7	488	0.0
	Goa	460	0	9.3	9.0	-0.4	65	0.0
	DD	291	0	4.8	4.5	0.3	55	0.0
	DNH	729	0	14.6	14.1	0.5	106	0.0
SR	Essar steel	470	0	10.3	10.2	0.1	155	0.0
	Andhra Pradesh	8432	0	165.5	51.4	-1.0	346	0.1
	Telangana	8598	0	175.0	73.2	-1.2	320	0.1
	Karnataka	9630	0	198.1	92.8	-2.9	613	0.2
	Kerala	3285	0	64.5	51.7	1.1	164	0.1
	Tamil Nadu	13116	0	269.2	153.9	-0.4	423	0.3
ER	Pondy	298	0	5.8	6.4	-0.6	37	0.0
	Bihar	4218	0	74.2	69.3	-1.4	385	0.0
	DVC	3198	0	68.9	-35.3	-0.5	295	0.0
	Jharkhand	1112	0	24.9	14.1	0.7	125	0.0
	Odisha	3656	0	75.8	20.4	2.0	402	0.0
	West Bengal	5742	0	102.8	16.5	0.8	435	0.0
NER	Sikkim	96	0	1.4	1.9	-0.6	20	0.0
	Arunachal Pradesh	107	4	1.9	1.8	0.2	35	0.0
	Assam	1331	16	22.1	18.4	0.9	154	0.2
	Manipur	170	4	2.6	3.0	-0.5	14	0.0
	Meghalaya	309	1	5.5	3.9	0.0	47	0.0
	Mizoram	94	6	1.9	0.9	0.1	31	0.0
NER	Nagaland	103	8	1.8	1.8	-0.2	41	0.0
	Tripura	230	1	3.2	3.8	-0.3	62	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.3	-8.9	-8.9
Day peak (MW)	145.4	-392.5	-618.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	167.4	-205.6	104.4	-69.9	4.6	0.9
Actual(MU)	174.7	-213.4	100.1	-64.3	3.7	0.9
O/D/U/D(MU)	7.3	-7.8	-4.3	5.6	-0.9	0.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4471	13260	5132	1720	332	24915
State Sector	10170	19053	5010	5295	50	39578
Total	14641	32313	10142	7015	381	64493

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	542	1104	557	410	8	2621
Hydro	97	13	51	25	8	195
Nuclear	29	24	63	0	0	117
Gas, Naptha & Diesel	21	43	19	0	22	105
RES (Wind, Solar, Biomass & Others)	34	32	104	1	0	171
Total	723	1216	795	437	38	3208

*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)

INTER-REGIONAL EXCHANGES								Date of Reporting : 27-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)
Import/Export of ER (With NR)								
1	765kV	GAYA-VARANASI	D/C	0	347	0.0	9.2	-9.2
2		SASARAM-FATEHPUR	S/C	0	200	0.0	1.5	-1.5
3		GAYA-BALIA	S/C	0	315	0.0	5.4	-5.4
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	247	0.0	5.7	-5.7
6	400 kV	PUSAULI-VARANASI	S/C	0	185	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	127	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	7.3	-7.3
9		PATNA-BALIA	Q/C	0	927	0.0	15.6	-15.6
10		BIHARSHARIFF-BALIA	D/C	0	303	0.0	4.3	-4.3
11		MOTHARI-GORAKHPUR	D/C	0	0	0.0	5.4	-5.4
12		BIHARSHARIFF-VARANASI	D/C	0	144	0.0	1.4	-1.4
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	0.6	0.0	0.6
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						0.6	55.7	-55.1
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.9	0.0	10.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	336	0.4	0.0	0.4
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	105	1.9	0.0	1.9
21		RANCHI-SIPAT	D/C	0	0	3.4	0.0	3.4
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	186	0.0	2.1	-2.1
23		BUDHIPADAR-KORBA	D/C	0	0	1.5	0.0	1.5
ER-WR						18.2	2.1	16.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	20.2	-20.2
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	322.5	0.0	14.8	-14.8
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2266.2	0.0	43.2	-43.2
27	400 kV	TALCHER-I/C	D/C	0.0	93.5	8.4	0.9	7.5
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	78.2	-78.2
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	206	3.1	0.0	3
30		ALIPURDUAR-BONGAIGAON	D/C	0	207	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.6	-1
ER-NER						7.0	0.6	6.5
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	495	0	11.6	0.0	11.6
NER-NR						11.6	0.0	11.6
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1506	0.0	50.2	-50.2
34		V'CHAL B/B	D/C	250	250	1.0	2.5	-1.6
35		APL -MHG	D/C	0	809	0.0	17.3	-17.3
36	765 kV	GWALIOR-AGRA	D/C	0	2942	0.0	55.0	-55.0
37		PHAGI-GWALIOR	D/C	483	1758	0.0	32.2	-32.2
38	400 kV	ZERDA-KANKROLI	S/C	184	74	2.4	0.0	2.4
39		ZERDA -BHINMAL	S/C	112	233	0.0	0.0	0.0
40		V'CHAL -RIHAND	S/C	966	0	22.3	0.0	22.3
41		RAPP-SHUJALPUR	D/C	0	2016	0	4	-4
42	220 kV	BADOD-KOTA	S/C	47	1	0.6	0.0	0.6
43		BADOD-MORAK	S/C	17	53	0.1	0.4	-0.4
44		MEHGAON-AURAIYA	S/C	90	0	1.8	0.0	1.8
45		MALANPUR-AURAIYA	S/C	48	0	0.8	0.0	0.8
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						28.9	161.3	-132.4
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.6	-22.6
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1097	0.0	17.1	-17.1
50		WARDHA-NIZAMABAD	D/C	0	2152	0.0	36.2	-36.2
51	400 kV	KOLHAPUR-KUDGI	D/C	658	0	5.8	0.0	5.8
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
WR-SR						7.3	75.9	-68.5
TRANSNATIONAL EXCHANGE								
55		BHUTAN						3.3
56		NEPAL						-8.9
57		BANGLADESH						-8.9