



National Load Despatch Centre
राष्ट्रीय भार प्रेषण केंद्र
POWER SYSTEM OPERATION CORPORATION LIMITED
पाँवर 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: 23rd 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., डोंगतेह, 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 23.01.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 23-जनवरी - 2018 की अखिल भारतीय प्रणाली के 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 23rd 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

24-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	39444	45345	40865	18211	2414	146279
Peak Shortage (MW)	555	0	0	0	46	601
Energy Met (MU)	876	1065	920	356	41	3258
Hydro Gen(MU)	98	27	84	26	8	243
Wind Gen(MU)	9	38	15	-----	-----	63
Solar Gen (MU)*	6.76	15.85	42.80	0.58	0.02	66
Energy Shortage (MU)	11.0	0.0	1.2	0.0	0.4	12.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	45779	51325	42304	18740	2486	154125

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	0.043	0.00	0.03	11.48	11.52	81.34	7.14

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	5329	0	100.4	19.4	-0.5	211	0.0
	Haryana	6678	0	111.8	60.7	1.3	265	0.1
	Rajasthan	10016	746	209.5	68.9	2.0	468	0.4
	Delhi	3736	0	65.3	47.7	-0.6	211	0.0
	UP	14375	430	277.6	99.2	0.3	921	0.2
	Uttarakhand	2095	0	35.8	28.1	-0.9	161	0.0
	HP	1559	5	28.2	22.8	1.3	276	0.0
	J&K	2074	519	43.5	41.1	-1.4	85	10.3
WR	Chandigarh	222	0	3.8	3.7	0.1	43	0.0
	Chhattisgarh	3253	0	72.5	5.3	-0.8	108	0.0
	Gujarat	14229	0	303.2	113.5	1.5	471	0.0
	MP	9851	0	218.2	117.0	-1.8	565	0.0
	Maharashtra	20975	0	425.7	136.2	2.2	556	0.0
	Goa	460	0	9.3	8.6	0.0	30	0.0
	DD	333	0	7.4	6.8	0.6	76	0.0
	DNH	757	0	18.5	16.8	1.7	83	0.0
SR	Essar steel	493	0	10.4	9.4	0.9	177	0.0
	Andhra Pradesh	8439	0	165.4	45.3	0.3	433	0.2
	Telangana	9078	0	179.7	85.1	-0.7	379	0.2
	Karnataka	9916	0	210.3	93.5	0.8	569	0.3
	Kerala	3514	0	67.0	54.1	0.9	160	0.1
	Tamil Nadu	13958	0	291.3	152.4	2.3	640	0.4
ER	Pondy	330	0	6.5	6.9	-0.4	27	0.0
	Bihar	4287	0	74.5	70.7	-2.7	350	0.0
	DVC	3195	0	70.1	-38.3	-2.1	150	0.0
	Jharkhand	1202	0	24.9	14.6	0.2	50	0.0
	Odisha	4164	0	75.0	19.3	2.4	370	0.0
	West Bengal	6353	0	110.1	18.2	3.8	400	0.0
NER	Sikkim	83	0	1.1	1.7	-0.6	0	0.0
	Arunachal Pradesh	111	2	2.0	1.9	0.1	56	0.0
	Assam	1432	18	23.1	19.0	1.2	122	0.2
	Manipur	188	2	2.7	2.8	-0.1	14	0.0
	Meghalaya	329	0	6.0	3.7	0.1	71	0.0
	Mizoram	92	2	1.7	1.2	0.1	5	0.0
NER	Nagaland	112	4	2.0	1.8	0.1	63	0.1
	Tripura	226	0	3.7	3.3	0.9	35	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.0	-10.2	-12.3
Day peak (MW)	168.4	-523.8	-637.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	171.4	-218.9	129.9	-85.8	3.8	0.4
Actual(MU)	165.8	-224.3	129.0	-83.1	5.3	-7.3
O/D/U/D(MU)	-5.6	-5.4	-0.9	2.8	1.5	-7.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4221	12685	6592	1420	417	25335
State Sector	10665	17380	6330	4695	47	39117
Total	14886	30065	12922	6115	463	64452

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	545	1166	534	434	10	2688
Hydro	98	26	84	26	8	243
Nuclear	29	24	62	0	0	115
Gas, Naptha & Diesel	26	47	19	0	22	113
RES (Wind, Solar, Biomass & Others)	41	54	105	2	0	201
Total	739	1317	803	462	39	3360

*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 : 24-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	317	0.0	8.8	-8.8
2		SASARAM-FATEHPUR	S/C	0	180	0.0	0.4	-0.4
3		GAYA-BALIA	S/C	0	310	0.0	5.2	-5.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 kV	PUSAULI-VARANASI	S/C	0	187	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	6.0	-6.0
9		PATNA-BALIA	Q/C	0	902	0.0	16.5	-16.5
10		BIHARSHARIFF-BALIA	D/C	0	295	0.0	4.0	-4.0
11		MOTHARI-GORAKHPUR	D/C	0	0	0.0	6.0	-6.0
12		BIHARSHARIFF-VARANASI	D/C	0	124	0.0	1.4	-1.4
13	220 kV	PUSAULI-SAHUPURI	S/C	0	176	0.0	0.7	-0.7
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-CHANDAUJI	S/C	0	0	0.0	0.0	0.0
ER-NR						0.6	55.0	-54.4
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.3	0.0	10.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	529	0.0	3.2	-3.2
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	182	2.2	0.0	2.2
21		RANCHI-SIPAT	D/C	0	93	2.0	0.0	2.0
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	183	0.0	2.1	-2.1
23		BUDHIPADAR-KORBA	D/C	0	0	1.6	0.0	1.6
ER-WR						16.1	5.3	10.8
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	22.6	-22.6
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	373.0	0.0	15.7	-15.7
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2272.2	0.0	47.2	-47.2
27	400 kV	TALCHER-I/C	D/C	0.0	142.1	2.3	1.3	1.0
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	85.5	-85.5
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	233	0.0	0.0	0
30		ALIPURDUAR-BONGAIGAON	D/C	0	225	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.8	-1
ER-NER						3.9	0.8	3.1
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	494	289	11.5	0.0	11.5
NER-NR						11.5	0.0	11.5
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1360	0.0	51.5	-51.5
34		V'CHAL B/B	D/C	250	250	2.6	2.8	-0.3
35		APL -MHG	D/C	0	1210	0.0	22.4	-22.4
36	765 kV	GWALIOR-AGRA	D/C	0	2758	0.0	52.4	-52.4
37		PHAGI-GWALIOR	D/C	477	1338	0.0	28.5	-28.5
38	400 kV	ZERDA-KANKROLI	S/C	173	0	2.9	0.0	2.9
39		ZERDA -BHINMAL	S/C	152	94	0.0	0.7	-0.7
40		V'CHAL -RIHAND	S/C	957	0	21.9	0.0	21.9
41		RAPP-SHUJALPUR	D/C	0	1497	0	2	-2
42	220 kV	BADOD-KOTA	S/C	91	0	0.9	0.0	0.9
43		BADOD-MORAK	S/C	32	88	0.1	0.5	-0.4
44		MEHGAON-AURAIYA	S/C	114	0	1.9	0.0	1.9
45		MALANPUR-AURAIYA	S/C	64	0	0.9	0.0	0.9
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						31.1	160.8	-129.7
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.6	-23.6
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1514	0.0	22.8	-22.8
50		WARDHA-NIZAMABAD	D/C	0	2445	0.0	43.8	-43.8
51	400 kV	KOLHAPUR-KUDGI	D/C	402	138	2.2	0.4	1.8
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						3.8	90.6	-86.9
TRANSNATIONAL EXCHANGE								
55		BHUTAN						3.0
56		NEPAL						-10.2
57		BANGLADESH						-12.3