



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: 25th 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 24.01.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-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 24th 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

25-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	42819	44949	40580	18175	2407	148931
Peak Shortage (MW)	825	112	0	0	48	984
Energy Met (MU)	870	1047	924	351	40	3233
Hydro Gen(MU)	98	23	78	25	8	231
Wind Gen(MU)	3	22	11	-----	-----	36
Solar Gen (MU)*	4.69	17.84	41.07	0.58	0.02	64
Energy Shortage (MU)	15.8	0.0	1.4	0.0	0.3	17.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44566	50428	42846	18197	2431	151428

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	0.052	0.00	0.67	14.09	14.76	77.87	7.37

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	5116	0	100.6	17.9	-0.6	128	0.0
	Haryana	6212	120	111.6	61.9	1.0	305	0.2
	Rajasthan	10414	828	211.3	70.8	6.1	494	4.7
	Delhi	4043	0	68.6	50.4	0.0	228	0.0
	UP	13601	0	267.6	94.8	0.8	947	0.5
	Uttarakhand	2011	0	35.7	25.7	-0.3	190	0.0
	HP	1478	0	27.6	22.9	0.4	130	0.1
	J&K	2110	528	43.8	41.3	-1.3	95	10.3
WR	Chandigarh	229	0	3.7	3.5	0.1	55	0.0
	Chhattisgarh	3266	0	73.0	4.9	-0.4	137	0.0
	Gujarat	13921	0	298.0	123.8	1.9	425	0.0
	MP	11465	0	216.4	124.9	-0.9	369	0.0
	Maharashtra	20327	0	416.1	137.6	-0.2	549	0.0
	Goa	460	0	9.3	8.6	0.1	66	0.0
	DD	335	0	7.4	6.8	0.6	83	0.0
	DNH	759	0	16.9	16.7	0.1	63	0.0
SR	Essar steel	480	0	10.3	10.0	0.3	187	0.0
	Andhra Pradesh	8553	0	167.7	47.7	1.5	562	0.3
	Telangana	9319	0	179.9	83.9	0.4	507	0.2
	Karnataka	9978	0	210.2	92.9	-0.9	582	0.3
	Kerala	3450	0	66.8	54.4	0.9	244	0.1
	Tamil Nadu	14086	0	293.0	160.8	0.7	535	0.5
ER	Pondy	336	0	6.7	7.0	-0.4	35	0.0
	Bihar	3947	0	69.5	65.5	-3.6	50	0.0
	DVC	3136	0	70.9	-40.3	-1.4	100	0.0
	Jharkhand	1126	0	22.3	14.4	-0.4	60	0.0
	Odisha	3949	0	74.9	19.6	2.0	360	0.0
	West Bengal	6421	0	111.9	19.2	1.8	210	0.0
NER	Sikkim	157	0	1.6	1.7	-0.1	4	0.0
	Arunachal Pradesh	109	2	1.9	1.8	0.2	56	0.0
	Assam	1437	7	23.1	19.2	1.3	122	0.2
	Manipur	183	2	2.7	2.8	-0.2	14	0.0
	Meghalaya	332	0	5.4	3.8	-0.1	71	0.0
	Mizoram	91	2	1.7	1.0	0.0	5	0.0
NER	Nagaland	110	5	2.0	1.8	0.1	63	0.0
	Tripura	237	0	3.5	3.5	0.5	35	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.2	-9.3	-11.9
Day peak (MW)	148.6	-526.4	-608.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	165.5	-200.1	120.8	-90.2	4.1	0.0
Actual(MU)	158.2	-202.9	120.6	-92.3	5.0	-11.5
O/D/U/D(MU)	-7.3	-2.8	-0.2	-2.2	0.9	-11.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4471	13285	5932	1420	307	25415
State Sector	9870	18090	5930	4695	47	38632
Total	14341	31375	11862	6115	353	64047

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	551	1148	562	416	9	2686
Hydro	98	22	78	25	8	231
Nuclear	29	24	63	0	0	116
Gas, Naptha & Diesel	26	47	19	0	21	113
RES (Wind, Solar, Biomass & Others)	34	40	98	2	0	173
Total	737	1281	818	443	38	3318

*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 : 25-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	337	0.0	10.0	-10.0
2		SASARAM-FATEHPUR	S/C	0	221	0.0	1.8	-1.8
3		GAYA-BALIA	S/C	0	297	0.0	4.6	-4.6
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	248	0.0	5.9	-5.9
6	400 kV	PUSAULI-VARANASI	S/C	0	176	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	134	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	5.9	-5.9
9		PATNA-BALIA	Q/C	0	1004	0.0	18.4	-18.4
10		BIHARSHARIFF-BALIA	D/C	0	277	0.0	4.5	-4.5
11		MOTIHARI-GORAKHPUR	D/C	0	0	0.0	6.0	-6.0
12		BIHARSHARIFF-VARANASI	D/C	0	128	0.0	2.2	-2.2
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-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						0.0	59.2	-59.2
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	6.2	0.0	6.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	498	0.0	4.5	-4.5
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	125	0.3	0.0	0.3
21		RANCHI-SIPAT	D/C	0	124	0.8	0.0	0.8
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	171	0.0	2.1	-2.1
23		BUDHIPADAR-KORBA	D/C	0	0	1.2	0.0	1.2
ER-WR						8.6	6.6	2.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	22.0	-22.0
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	349.8	0.0	14.6	-14.6
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2257.8	0.0	47.4	-47.4
27	400 kV	TALCHER-I/C	D/C	0.0	32.0	4.5	1.2	3.3
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	84.1	-84.1
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	133	0.0	0.0	0
30		ALIPURDUAR-BONGAIGAON	D/C	0	149	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.7	-1
ER-NER						3.9	0.7	3.2
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	494	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	1415	0.0	48.4	-48.4
34		V'CHAL B/B	D/C	200	50	4.2	0.1	4.1
35		APL -MHG	D/C	0	809	0.0	15.4	-15.4
36	765 kV	GWALIOR-AGRA	D/C	0	2672	0.0	51.3	-51.3
37		PHAGI-GWALIOR	D/C	0	1434	0.0	29.3	-29.3
38	400 kV	ZERDA-KANKROLI	S/C	169	0	2.0	0.0	2.0
39		ZERDA -BHINMAL	S/C	80	110	0.0	0.3	-0.3
40		V'CHAL -RIHAND	S/C	0	486	21.3	0.0	21.3
41		RAPP-SHUJALPUR	D/C	0	1601	0	3	-3
42	220 kV	BADOD-KOTA	S/C	68	12	0.8	0.0	0.8
43		BADOD-MORAK	S/C	20	66	0.1	0.3	-0.2
44		MEHGAON-AURAIYA	S/C	105	0	1.8	0.0	1.8
45		MALANPUR-AURAIYA	S/C	58	0	0.8	0.0	0.8
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						31.1	148.1	-117.0
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1272	0.0	20.5	-20.5
50		WARDHA-NIZAMABAD	D/C	0	2399	0.0	44.6	-44.6
51	400 kV	KOLHAPUR-KUDGI	D/C	461	139	3.6	0.7	2.9
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
WR-SR						5.1	89.7	-84.6
TRANSNATIONAL EXCHANGE								
55		BHUTAN						3.2
56		NEPAL						-9.3
57		BANGLADESH						-11.9