



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: 28th 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 27.01.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27-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 27th 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

28-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	43337	44327	40110	18108	2390	148271
Peak Shortage (MW)	667	22	0	0	30	719
Energy Met (MU)	892	1017	900	343	40	3191
Hydro Gen(MU)	91	20	59	28	8	206
Wind Gen(MU)	2	15	19	-----	-----	36
Solar Gen (MU)*	8.03	17.93	44.00	0.70	0.02	71
Energy Shortage (MU)	13.9	0.0	0.9	0.0	0.2	15.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44228	49877	42044	18243	2309	149778

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	0.32	10.60	10.93	78.34	10.73

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	5202	0	101.9	24.1	-1.0	87	0.0
	Haryana	6417	0	111.4	54.2	0.8	222	0.0
	Rajasthan	11042	0	213.5	73.7	3.2	307	2.0
	Delhi	3887	0	65.1	49.8	-0.3	227	0.0
	UP	13635	0	288.9	105.4	1.6	1074	0.0
	Uttarakhand	2024	0	35.3	27.3	1.0	242	0.4
	HP	1512	24	26.4	21.2	1.1	202	0.6
	J&K	2199	550	46.1	43.7	-1.4	82	10.9
WR	Chandigarh	222	0	3.6	3.2	0.3	66	0.0
	Chhattisgarh	3313	0	72.4	3.1	-0.5	171	0.0
	Gujarat	13989	0	290.8	137.0	1.2	450	0.0
	MP	11456	0	213.4	127.7	-1.2	333	0.0
	Maharashtra	19931	0	398.2	121.9	4.0	449	0.0
	Goa	510	0	10.2	9.2	0.4	73	0.0
	DD	302	0	6.0	5.4	0.6	60	0.0
	DNH	739	0	15.9	15.5	0.4	56	0.0
SR	Essar steel	506	0	9.7	10.2	-0.5	205	0.0
	Andhra Pradesh	8500	0	168.0	48.3	-0.8	341	0.2
	Telangana	8954	0	177.7	71.6	-1.1	355	0.2
	Karnataka	9768	0	202.6	90.2	-1.4	508	0.2
	Kerala	3386	0	66.0	52.0	0.7	272	0.1
	Tamil Nadu	13584	0	279.0	151.9	3.5	652	0.3
ER	Pondy	328	0	6.3	6.6	-0.4	34	0.0
	Bihar	4129	0	68.5	64.1	-1.0	345	0.0
	DVC	2947	0	68.2	-34.7	-0.4	365	0.0
	Jharkhand	1164	0	23.5	13.8	0.7	145	0.0
	Odisha	4087	0	73.8	17.9	1.1	402	0.0
	West Bengal	6246	0	107.1	21.5	1.9	435	0.0
NER	Sikkim	103	0	1.8	1.6	0.1	20	0.0
	Arunachal Pradesh	116	2	2.1	1.9	0.2	35	0.0
	Assam	1412	9	22.6	18.7	1.3	154	0.2
	Manipur	192	0	2.5	2.5	0.0	14	0.0
	Meghalaya	305	0	5.7	3.5	0.1	47	0.0
	Mizoram	96	2	1.9	0.8	0.3	31	0.0
NER	Nagaland	108	4	1.7	1.7	-0.1	41	0.0
	Tripura	218	1	3.2	2.7	0.6	62	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.4	-10.2	-9.4
Day peak (MW)	170.4	-468.6	-629.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	180.1	-188.1	89.4	-85.5	2.1	-2.0
Actual(MU)	172.8	-184.8	87.5	-77.5	3.6	1.5
O/D/U/D(MU)	-7.3	3.3	-1.9	8.0	1.5	3.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4471	13460	5842	2220	266	26259
State Sector	9470	18658	5220	5295	50	38693
Total	13941	32118	11062	7515	315	64952

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	561	1116	581	398	10	2665
Hydro	91	20	59	28	8	206
Nuclear	29	24	65	0	0	118
Gas, Naptha & Diesel	23	44	18	0	22	107
RES (Wind, Solar, Biomass & Others)	36	33	103	2	0	174
Total	740	1237	826	428	40	3270

*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 : 28-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	367	0.0	10.2	-10.2
2		SASARAM-FATEHPUR	S/C	0	200	0.0	2.2	-2.2
3		GAYA-BALIA	S/C	0	329	0.0	5.7	-5.7
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	181	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	132	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	8.0	-8.0
9		PATNA-BALIA	Q/C	0	1020	0.0	17.9	-17.9
10		BIHARSHARIFF-BALIA	D/C	0	332	0.0	5.0	-5.0
11		MOTIHARI-GORAKHPUR	D/C	0	0	0.0	6.0	-6.0
12		BIHARSHARIFF-VARANASI	D/C	0	132	0.0	2.5	-2.5
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	0.5	0.0	0.5
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						0.5	63.3	-62.8
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	5.6	0.0	5.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	372	0.0	0.9	-0.9
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	146	1.2	0.0	1.2
21		RANCHI-SIPAT	D/C	0	36	2.7	0.0	2.7
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	177	0.0	2.8	-2.8
23		BUDHIPADAR-KORBA	D/C	0	5	0.9	0.0	0.9
ER-WR						10.5	3.7	6.8
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	20.0	-20.0
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	319.8	0.0	13.7	-13.7
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2243.3	0.0	39.7	-39.7
27	400 kV	TALCHER-I/C	D/C	0.0	0.0	8.6	1.0	7.6
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	73.4	-73.4
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	86	3.2	0.0	3
30		ALIPURDUAR-BONGAIGAON	D/C	0	108	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.5	-1
ER-NER						7.1	0.5	6.6
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	496	0	11.9	0.0	11.9
NER-NR						11.9	0.0	11.9
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1741	0.0	40.5	-40.5
34		V'CHAL B/B	D/C	250	250	1.5	1.0	0.5
35		APL -MHG	D/C	0	809	0.0	19.3	-19.3
36	765 kV	GWALIOR-AGRA	D/C	0	2654	0.0	54.4	-54.4
37		PHAGI-GWALIOR	D/C	485	1714	0.0	32.8	-32.8
38	400 kV	ZERDA-KANKROLI	S/C	205	0	3.0	0.0	3.0
39		ZERDA -BHINMAL	S/C	117	162	0.6	0.0	0.6
40		V'CHAL -RIHAND	S/C	973	0	21.8	0.0	21.8
41		RAPP-SHUJALPUR	D/C	0	1952	0	4	-4
42	220 kV	BADOD-KOTA	S/C	51	1	0.6	0.0	0.6
43		BADOD-MORAK	S/C	9	55	0.0	0.5	-0.4
44		MEHGAON-AURAIYA	S/C	107	0	1.8	0.0	1.8
45		MALANPUR-AURAIYA	S/C	56	0	0.9	0.0	0.9
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						30.2	152.0	-121.8
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.6	-20.6
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	472	1001	0.0	11.3	-11.3
50		WARDHA-NIZAMABAD	D/C	0	2170	0.0	33.5	-33.5
51	400 kV	KOLHAPUR-KUDGI	D/C	632	0	7.0	0.0	7.0
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						8.5	65.4	-56.9
TRANSNATIONAL EXCHANGE								
55		BHUTAN						3.4
56		NEPAL						-10.2
57		BANGLADESH						-9.4