



National Load Despatch Centre
पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
POWER SYSTEM OPERATION CORPORATION LIMITED
(A wholly owned subsidiary of POWERGRID)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 23rd Jan 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, 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. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलॉंग - 793006
General Manager, 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 22.01.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22 जनवरी 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें 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 22 January 2017, is available at the NLDC website.

Thanking You.



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

Report for previous day

Date of Reporting 23-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40723	42233	33948	16935	2243	136083
Peak Shortage (MW)	668	53	0	0	44	765
Energy Met (MU)	878	1001	787	322	38	3025
Hydro Gen(MU)	98	49	35	19	11	212
Wind Gen(MU)	15	37	43	-----	-----	95
Solar Gen (MU)*	2.44	8.78	15.40	0.05	0.02	27

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	0.032	0.00	0.00	1.57	1.57	71.74	26.69

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)
NR	Punjab	5074	0	100.3	35.6	-0.2	175
	Haryana	5984	0	112.8	64.0	-2.0	188
	Rajasthan	9990	0	210.9	61.9	3.0	288
	Delhi	3895	0	62.5	52.3	-0.8	242
	UP	13577	0	282.8	88.3	1.1	439
	Uttarakhand	1879	0	33.4	22.0	-1.0	194
	HP	1210	76	22.5	18.9	-0.7	91
	J&K	2362	591	48.7	42.1	2.8	360
WR	Chhattisgarh	208	0	3.5	3.6	0.0	42
	Gujarat	3187	0	73.6	16.5	-1.6	221
	MP	13023	0	276.1	74.9	-2.1	635
	Maharashtra	9955	0	211.3	126.3	0.1	855
	Goa	19816	0	399.2	142.3	-0.8	406
	DD	524	0	8.2	8.0	-0.3	-15
	DNH	270	0	6.3	6.2	0.1	17
	Essar steel	712	0	16.2	16.5	-0.3	12
SR	Andhra Pradesh	504	0	10.0	8.9	1.1	197
	Telangana	7010	0	142.2	10.7	2.2	447
	Karnataka	8021	0	153.5	86.1	3.2	661
	Kerala	8864	0	187.3	68.0	3.0	597
	Tamil Nadu	3229	0	59.8	52.4	2.3	189
	Pondy	11848	0	238.9	126.8	-0.2	698
	Bihar	276	0	5.6	5.8	-0.2	61
	DVC	3666	0	63.9	61.2	1.0	150
ER	Jharkhand	2901	0	63.0	-37.6	-0.4	175
	Odisha	1115	0	23.8	15.1	1.1	100
	West Bengal	3777	0	66.0	13.4	0.9	150
	Sikkim	6368	0	103.5	23.8	1.2	200
	Tripura	83	0	1.4	1.8	-0.4	15
NER	Arunachal Pradesh	83	0	1.4	1.8	-0.4	15
	Assam	101	3	2.1	1.9	0.3	23
	Manipur	1354	9	21.8	15.7	1.7	93
	Meghalaya	134	3	2.3	2.3	0.0	5
	Mizoram	282	0	4.9	4.5	-0.2	62
	Nagaland	85	3	1.4	1.2	0.1	8
	Tripura	102	3	2.2	1.8	0.4	21

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.5	-7.0	-10.4
Day peak (MW)	165.9	-360.9	-597.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	192.0	-180.6	60.8	-75.1	3.1	0.3
Actual(MU)	191.4	-187.8	62.7	-73.9	4.8	-2.8
O/D/U/D(MU)	-0.6	-7.2	1.9	1.1	1.7	-3.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	7294	11552	2300	1720	313	23179
State Sector	9865	19821	8622	5314	110	43732
Total	17159	31373	10922	7034	423	66911

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसीको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 23-Jan-17
								Import=(+ve) /Export =(-ve) for NET (MU)
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Export of ER (With NR)								
1	765KV	GAYA-VARANASI	D/C	0	407	0.0	14.0	-14.0
2		SASARAM-FATEHPUR	S/C	123	127	0.0	0.3	-0.3
3		GAYA-BALIA	S/C	0	394	0.0	7.1	-7.1
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
5	400 KV	PUSAULI-SARNATH	S/C	0	209	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	74	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	4	475	0.0	6.7	-6.7
8		PATNA-BALIA	Q/C	0	728	0.0	13.9	-13.9
9		BIHARSHARIFF-BALIA	D/C	11	213	0.0	3.2	-3.2
10		BARH-GORAKHPUR	D/C	0	515	0.0	11.2	-11.2
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.1	-1.1
12	220 KV	PUSAULI-SAHUPURI	S/C	0	158	0.0	2.6	-2.6
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.8	0.0	0.8
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						0.8	66.2	-65.4
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	770	0.0	11.8	-11.8
18		NEW RANCHI-DHARAMJAIGARH	D/C	470	151	3.0	0.0	3.0
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	94	48	0.2	0.0	0.2
20		JHARSUGUDA-RAIGARH	S/C	98	31	0.9	0.0	0.9
21		IBEUL-RAIGARH	S/C	72	15	0.7	0.0	0.7
22		STERLITE-RAIGARH	D/C	0	400	0.0	2.7	-2.7
23		RANCHI-SIPAT	D/C	392	0	3.9	0.0	3.9
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	123	0.0	1.6	-1.6
25		BUDHIPADAR-KORBA	D/C	143	0	2.2	0.0	2.2
ER-WR						11.0	16.0	-5.1
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	334	0.0	11.8	-11.8
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2448	0.0	39.4	-39.4
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-I/C		0.0	0	0.0	0.1	-0.1
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						0.0	51.1	-51.1
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	D/C	474	162	3.0	0.0	3
32		ALIPURDUAR-BONGAIGAON	D/C	343	146	2.5	0.0	3
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.8	0.0	1
ER-NER						6.3	0.0	6.3
Import/Export of NR (With NER)								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.2	12.2
NR-NER						0.0	12.2	12.2
Import/Export of WR (With NR)								
35	HVDC	V'CHAL B/B	D/C	300	100	3.4	0.2	3.2
36	HVDC	APL -MHG	D/C	0	2504	0.0	48.9	-48.9
37	765 KV	GWALIOR-AGRA	D/C	0	3186	0.0	56.9	-56.9
38	765 KV	PHAGI-GWALIOR	D/C	0	1362	0.0	27.7	-27.7
39	400 KV	ZERDA-KANKROLI	S/C	245	10	2.3	0.0	2.3
40	400 KV	ZERDA -BHINMAL	S/C	216	104	0.4	0.0	0.4
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	366	0	6	-6
43	220 KV	BADOD-KOTA	S/C	62	0	1.0	0.0	1.0
44		BADOD-MORAK	S/C	15	25	0.0	0.2	-0.2
45		MEHGAON-AURAIYA	S/C	59	0	1.2	0.0	1.2
46		MALANPUR-AURAIYA	S/C	20	8	0.3	0.0	0.3
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						8.6	140.0	-131.4
Import/Export of WR (With SR)								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	17.9	-17.9
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2179	0.0	33.8	-33.8
51	400 KV	KOLHAPUR-KUDGI	D/C	290	319	0.8	2.3	-1.5
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	221	0.0	4.5	-4.5
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	82	0	1.4	0.0	1.4
WR-SR						2.2	58.5	-56.3
TRANSNATIONAL EXCHANGE								
54		BHUTAN						2.5
55		NEPAL						-7.0
56		BANGLADESH						-10.4