



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: 21st 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 20.01.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 20 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 20 January 2017, is available at the NLDC website.

Thanking You.



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

Report for previous day

Date of Reporting

21-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	43901	43075	36079	17359	2305	142719
Peak Shortage (MW)	806	25	0	100	50	981
Energy Met (MU)	909	1005	846	330	40	3130
Hydro Gen(MU)	96	50	44	19	11	220
Wind Gen(MU)	30	66	36	-----	-----	133
Solar Gen (MU)*	0.42	7.63	17.00	0.05	0.02	25

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	0.039	0.00	0.00	6.38	6.38	74.39	19.24

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	5729	0	104.1	38.2	6.0	703
	Haryana	6647	0	125.1	69.7	1.1	332
	Rajasthan	9762	0	209.8	53.8	4.9	982
	Delhi	3973	0	67.9	58.1	-0.6	260
	UP	13575	0	292.2	96.6	0.6	262
	Uttarakhand	2003	0	35.9	22.5	-0.1	153
	HP	1425	0	26.9	21.5	0.5	228
	J&K	2006	502	42.7	40.1	-1.1	168
WR	Chhattisgarh	3222	0	70.7	16.7	-0.9	176
	Gujarat	13304	0	278.5	67.1	-0.6	509
	MP	11040	0	210.7	121.6	-1.5	180
	Maharashtra	19729	20	404.7	137.5	2.6	428
	Goa	417	0	8.8	7.8	0.7	47
	DD	298	0	6.7	6.6	0.1	26
	DNH	723	0	16.7	16.9	-0.2	7
	Essar steel	446	0	8.3	8.2	0.0	242
SR	Andhra Pradesh	7362	0	145.7	18.4	-0.1	554
	Telangana	8121	0	156.7	68.7	1.3	254
	Karnataka	9422	0	199.0	68.9	3.3	550
	Kerala	3460	0	64.0	55.0	2.7	251
	Tamil Nadu	13040	0	274.7	145.2	-0.9	591
	Pondy	293	0	5.9	6.4	-0.5	40
ER	Bihar	3520	100	62.0	60.6	0.2	250
	DVC	2812	0	65.9	-35.4	-0.3	170
	Jharkhand	1176	0	22.1	14.8	1.7	200
	Odisha	3767	0	67.6	13.6	1.2	270
	West Bengal	6714	0	110.8	27.5	2.0	320
NER	Sikkim	92	0	1.6	1.6	0.0	20
	Arunachal Pradesh	102	1	2.1	1.9	0.2	15
	Assam	1385	12	22.7	16.0	2.3	138
	Manipur	153	1	2.5	2.3	0.2	17
	Meghalaya	298	0	5.6	4.2	-0.2	12
	Mizoram	87	1	1.5	1.2	0.2	22
	Nagaland	103	1	2.2	1.8	0.4	20
Tripura	210	0	3.5	1.9	0.3	19	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.5	-6.8	-9.6
Day peak (MW)	174.0	-330.9	-603.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	201.3	-196.6	64.9	-75.2	3.2	-2.4
Actual(MU)	204.0	-201.3	65.0	-73.9	5.7	-0.5
O/D/U/D(MU)	2.7	-4.7	0.1	1.3	2.5	1.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6864	11856	1800	1720	229	22469
State Sector	11390	20389	6542	5064	110	43495
Total	18254	32245	8342	6784	338	65964

*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 : 21-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	431	0.0	13.6	-13.6
2		SASARAM-FATEHPUR	S/C	138	134	0.1	0.0	0.1
3		GAYA-BALIA	S/C	0	358	0.0	6.7	-6.7
4	HVDC LINK	PUSAULI B/B	S/C	0	249	0.0	5.9	-5.9
5	400 KV	PUSAULI-SARNATH	S/C	10	224	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	254	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	65	375	0.0	5.9	-5.9
8		PATNA-BALIA	Q/C	0	829	0.0	16.8	-16.8
9		BIHARSHARIFF-BALIA	D/C	79	205	0.0	2.9	-2.9
10		BARH-GORAKHPUR	D/C	0	543	0.0	11.5	-11.5
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.1	-1.1
12	220 KV	PUSAULI-SAHUPURI	S/C	0	146	0.0	2.6	-2.6
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.8	0.0	0.8
14		GARWAH-RIHAND	S/C	35	0	0.0	0.0	0.0
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						0.9	66.9	-66.1
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	876	0.0	13.2	-13.2
18		NEW RANCHI-DHARAMJAIGARH	D/C	304	140	3.1	0.0	3.1
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	95	16	0.8	0.0	0.8
20		JHARSUGUDA-RAIGARH	S/C	114	0	1.8	0.0	1.8
21		IBEUL-RAIGARH	S/C	84	0	1.3	0.0	1.3
22		STERLITE-RAIGARH	D/C	0	247	0.0	3.9	-3.9
23		RANCHI-SIPAT	D/C	310	0	4.2	0.0	4.2
24	220 KV	BUDHIPADAR-RAIGARH	S/C	3	183	0.0	1.1	-1.1
25		BUDHIPADAR-KORBA	D/C	135	124	2.0	0.0	2.0
ER-WR						13.1	18.2	-5.1
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	225	0.0	11.2	-11.2
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2349	0.0	39.0	-39.0
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	0.0	0.0
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						0.0	50.2	-50.2
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	D/C	455	119	2.5	0.0	2
32		ALIPURDUAR-BONGAIGAON	D/C	345	119	2.9	0.0	3
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.7	0.0	1
ER-NER						6.1	0.0	6.1
Import/Export of NR (With NER)								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.1	12.1
NR-NER						0.0	12.1	12.1
Import/Export of WR (With NR)								
35	HVDC	V'CHAL B/B	D/C	400	100	5.0	1.0	4.0
36	HVDC	APL -MHG	D/C	0	2518	0.0	58.0	-58.0
37	765 KV	GWALIOR-AGRA	D/C	0	3252	0.0	67.0	-67.0
38	765 KV	PHAGI-GWALIOR	D/C	0	1512	0.0	30.5	-30.5
39	400 KV	ZERDA-KANKROLI	S/C	193	34	2.0	0.0	2.0
40	400 KV	ZERDA -BHINMAL	S/C	175	110	1.0	0.0	1.0
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	342	0	5	-5
43	220 KV	BADOD-KOTA	S/C	23	0	0.0	0.0	0.0
44		BADOD-MORAK	S/C	17	52	0.0	0.0	0.0
45		MEHGAON-AURAIYA	S/C	88	0	1.0	0.0	1.0
46		MALANPUR-AURAIYA	S/C	11	26	0.0	0.0	0.0
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						9.0	161.7	-152.7
Import/Export of WR (With SR)								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.0	-19.0
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	1884	0.0	35.0	-35.0
51	400 KV	KOLHAPUR-KUDGI	D/C	0	313	0.0	2.0	-2.0
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	221	0.0	5.0	-5.0
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	91	0	2.0	0.0	2.0
WR-SR						2.0	61.0	-59.0
TRANSNATIONAL EXCHANGE								
54		BHUTAN						2.5
55		NEPAL						-6.8
56		BANGLADESH						-9.6