



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: 20th Dec 2016

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 19.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19 दिसम्बर 2016 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 19th December 2016, 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

20-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41389	43375	34762	16329	2225	138080
Peak Shortage (MW)	760	22	0	0	31	813
Energy Met (MU)	849	1005	796	300	38	2988
Hydro Gen(MU)	95	41	32	22	11	201
Wind Gen(MU)	5	14	19	-----	-----	38
Solar Gen (MU)*	0.23	10.15	16.20	0.04	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	0.037	0.00	0.00	6.24	6.24	73.76	20.00

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	5404	0	102.0	41.1	0.3	174
	Haryana	6459	0	117.5	72.4	-0.6	144
	Rajasthan	9236	176	199.9	71.0	2.3	393
	Delhi	3343	0	58.2	44.1	0.4	310
	UP	12613	0	273.5	88.2	-0.1	472
	Uttarakhand	1811	0	32.5	17.8	0.5	146
	HP	1399	0	24.6	20.5	0.4	101
	J&K	1814	454	37.0	38.8	-5.0	0
WR	Chhattisgarh	3133	0	65.3	11.8	-3.4	231
	Gujarat	12930	0	273.6	104.0	-0.6	341
	MP	11084	0	221.2	128.2	-2.4	465
	Maharashtra	20023	0	408.1	122.9	-2.1	600
	Goa	366	0	7.7	7.2	-0.2	43
	DD	231	0	4.0	4.1	-0.1	68
	DNH	697	0	15.7	15.8	-0.2	52
	Essar steel	453	0	9.4	9.6	-0.1	167
SR	Andhra Pradesh	6300	0	136.2	20.7	0.9	400
	Telangana	7482	0	147.0	67.6	1.8	349
	Karnataka	8742	0	183.9	62.9	6.8	500
	Kerala	3470	0	64.0	53.6	2.7	299
	Tamil Nadu	12105	0	258.7	143.7	5.1	663
	Pondy	292	0	5.8	6.1	-0.3	61
ER	Bihar	3504	0	59.6	55.9	1.7	340
	DVC	2601	0	61.7	-35.5	0.9	150
	Jharkhand	1122	0	21.3	13.5	2.1	250
	Odisha	3762	0	64.6	17.9	1.4	180
	West Bengal	6053	0	91.2	19.2	1.0	260
NER	Sikkim	89	0	1.7	1.4	0.3	25
	Arunachal Pradesh	92	5	2.3	1.8	0.5	33
	Assam	1357	10	21.7	15.7	1.8	111
	Manipur	146	0	2.5	2.4	0.1	29
	Meghalaya	263	0	4.6	4.1	-0.4	38
	Mizoram	86	1	1.5	1.3	0.1	19
	Nagaland	95	0	2.2	1.8	0.3	18
Tripura	201	0	3.0	1.5	-0.1	100	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.4	-6.6	-11.8
Day peak (MW)	339.7	-301.3	-589.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	190.4	-171.6	71.0	-90.1	2.8	2.5
Actual(MU)	189.0	-181.0	78.0	-85.7	4.5	4.8
O/D/U/D(MU)	-1.4	-9.5	7.0	4.4	1.7	2.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5321	11886	3650	1620	422	22899
State Sector	8790	17954	7602	5924	110	40380
Total	14111	29840	11252	7544	531	63279

*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(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 20-Dec-16
								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	477	0.0	14.7	-14.7
2		SASARAM-FATEHPUR	S/C	126	250	0.0	0.9	-0.9
3		GAYA-BALIA	S/C	0	347	0.0	6.1	-6.1
4	HVDC LINK	PUSAULI B/B	S/C	2	348	0.0	6.9	-6.9
5	400 KV	PUSAULI-SARNATH	S/C	0	285	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	24	104	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	3	510	0.0	8.5	-8.5
8		PATNA-BALIA	Q/C	0	1138	0.0	17.8	-17.8
9		BIHARSHARIFF-BALIA	D/C	30	327	0.0	4.4	-4.4
10		BARH-GORAKHPUR	D/C	0	587	0.0	12.2	-12.2
11		BIHARSHARIFF-VARANASI	D/C	35	0	0.0	2.5	-2.5
12	220 KV	PUSAULI-SAHUPURI	S/C	0	168	0.0	2.9	-2.9
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.5	0.0	0.5
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						1.3	76.9	-75.6
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	183	742	0.0	7.2	-7.2
18		NEW RANCHI-DHARAMJAIGARH	D/C	404	157	2.5	0.0	2.5
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	125	53	0.6	0.0	0.6
20		JHARSUGUDA-RAIGARH	S/C	112	30	0.9	0.0	0.9
21		IBEUL-RAIGARH	S/C	81	19	0.7	0.0	0.7
22		STERLITE-RAIGARH	D/C	0	259	0.0	3.2	-3.2
23		RANCHI-SIPAT	D/C	205	71	1.5	0.0	1.5
24	220 KV	BUDHIPADAR-RAIGARH	S/C	39	100	0.0	0.8	-0.8
25		BUDHIPADAR-KORBA	D/C	156	0	2.0	0.0	2.0
ER-WR						8.2	11.2	-3.0
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	334	0.0	14.4	-14.4
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2456	0.0	44.1	-44.1
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-1/C		541.4	65	7.0	0.2	6.8
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						7.0	58.4	-58.4
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	498	58	6.1	0.0	6
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	1.0	0.0	1
ER-NER						7.0	0.0	7.0
Import/Export of NR (With NER)								
33	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.0	12.0
NR-NER						0.0	12.0	12.0
Import/Export of WR (With NR)								
34	HVDC	V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
35	HVDC	APL -MHG	D/C	0	2217	0.0	46.2	-46.2
36	765 KV	GWALIOR-AGRA	D/C	0	2606	0.0	51.9	-51.9
37	765 KV	PHAGI-GWALIOR	D/C	0	1700	0.0	35.2	-35.2
38	400 KV	ZERDA-KANKROLI	S/C	168	62	2.3	0.0	2.3
39	400 KV	ZERDA -BHINMAL	S/C	89	125	0.0	0.1	-0.1
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
41	400KV	RAPP-SHUJALPUR	D/C	0	387	0	7	-7
42	220 KV	BADOD-KOTA	S/C	54	0	0.2	0.0	0.2
43		BADOD-MORAK	S/C	51	4	0.5	0.1	0.5
44		MEHGAON-AURAIYA	S/C	74	0	1.6	0.0	1.6
45		MALANPUR-AURAIYA	S/C	32	0	0.5	0.0	0.5
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
WR-NR						17.3	140.8	-123.5
Import/Export of WR (With SR)								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	20.7	-20.7
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	0	2038	0.0	41.6	-41.6
50	400 KV	KOLHAPUR-KUDGI	D/C	0	387	0.0	5.3	-5.3
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	271	0.0	5.7	-5.7
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	80	0	1.5	0.0	1.5
WR-SR						1.5	73.3	-71.8
TRANSNATIONAL EXCHANGE								
54		BHUTAN						6.4
55		NEPAL						-6.6
56		BANGLADESH						-11.8