



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: 19th 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 18.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18 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 18th 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

19-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39550	41772	32585	15332	2191	131430
Peak Shortage (MW)	526	11	0	0	37	574
Energy Met (MU)	832	990	754	291	37	2903
Hydro Gen(MU)	96	36	22	22	11	187
Wind Gen(MU)	4	12	18	-----	-----	34
Solar Gen (MU)*	2.94	9.65	16.00	0.04	0.02	29

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	0.045	0.00	0.02	7.05	7.07	72.58	20.35

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	5339	0	100.7	36.7	-0.6	182
	Haryana	5789	0	113.0	71.4	-0.7	175
	Rajasthan	9122	0	200.8	69.7	2.6	269
	Delhi	3309	0	55.5	42.0	1.9	253
	UP	12619	0	267.3	79.5	-1.6	278
	Uttarakhand	1690	0	30.7	15.9	-0.1	73
	HP	1375	0	23.9	20.5	-0.4	187
	J&K	1700	425	37.0	38.6	-4.7	0
WR	Chhattisgarh	3094	0	65.5	12.2	-1.0	338
	Gujarat	12392	0	265.9	100.4	-0.9	386
	MP	11401	0	221.0	124.4	-2.3	366
	Maharashtra	19168	0	397.4	119.7	-0.8	309
	Goa	386	0	8.0	6.0	1.3	119
	DD	258	0	5.9	5.9	0.0	29
	DNH	667	0	15.5	15.6	0.0	64
	Essar steel	519	0	10.4	9.7	0.7	240
SR	Andhra Pradesh	6162	0	134.6	23.5	2.4	528
	Telangana	7128	0	142.4	66.4	1.6	294
	Karnataka	7814	0	167.5	57.7	3.2	801
	Kerala	3148	0	58.9	51.1	2.3	282
	Tamil Nadu	11534	0	245.6	139.1	0.8	547
	Pondy	256	0	5.4	6.1	-0.7	45
ER	Bihar	3456	0	57.7	54.4	2.5	350
	DVC	2319	0	53.2	-33.0	-1.1	130
	Jharkhand	1127	0	21.7	13.8	2.2	240
	Odisha	3647	0	68.3	19.4	1.0	160
	West Bengal	5591	0	88.0	17.2	1.1	230
NER	Sikkim	88	0	1.8	1.4	0.4	25
	Arunachal Pradesh	89	0	2.0	1.8	0.2	33
	Assam	1330	7	21.4	16.7	1.4	145
	Manipur	148	3	2.2	2.5	-0.3	29
	Meghalaya	264	0	4.7	4.1	-0.2	19
	Mizoram	74	2	1.3	1.4	-0.2	23
	Nagaland	98	2	1.8	1.9	-0.1	18
Tripura	208	0	3.5	1.4	0.2	61	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.1	-6.0	-11.9
Day peak (MW)	312.9	-300.6	-592.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	172.9	-155.6	57.7	-81.5	4.2	-2.3
Actual(MU)	170.1	-164.1	65.6	-79.2	4.1	-3.5
O/D/U/D(MU)	-2.8	-8.5	7.9	2.3	-0.1	-1.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6171	11646	2660	2220	64	22761
State Sector	8425	18629	7982	6134	110	41280
Total	14596	30275	10642	8354	173	64041

*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 : 19-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	428	0.0	13.4	-13.4
2		SASARAM-FATEHPUR	S/C	93	197	0.0	1.2	-1.2
3		GAYA-BALIA	S/C	0	360	0.0	6.7	-6.7
4	HVDC LINK	PUSAULI B/B	S/C	0	348	0.0	8.3	-8.3
5	400 KV	PUSAULI-SARNATH	S/C	0	273	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	108	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	3	535	0.0	9.0	-9.0
8		PATNA-BALIA	Q/C	0	939	0.0	16.9	-16.9
9		BIHARSHARIFF-BALIA	D/C	26	286	0.0	4.7	-4.7
10		BARH-GORAKHPUR	D/C	0	550	0.0	11.2	-11.2
11	BIHARSHARIFF-VARANASI	D/C	35	0	0.0	2.4	-2.4	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	167	0.0	3.0	-3.0
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.6	0.0	0.6
14		GARWAH-RIHAND	S/C	35	0	0.9	0.0	0.9
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						1.4	76.7	-75.3
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	82	555	0.0	7.0	-7.0
18		NEW RANCHI-DHARAMJAIGARH	D/C	419	164	2.0	0.0	2.0
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	114	93	0.0	0.7	-0.7
20		JHARSUGUDA-RAIGARH	S/C	89	98	0.0	0.8	-0.8
21		IBEUL-RAIGARH	S/C	67	67	0.0	0.5	-0.5
22		STERLITE-RAIGARH	D/C	0	265	0.0	4.6	-4.6
23		RANCHI-SIPAT	D/C	210	108	1.1	0.0	1.1
24	220 KV	BUDHIPADAR-RAIGARH	S/C	34	98	0.0	0.7	-0.7
25		BUDHIPADAR-KORBA	D/C	119	14	1.3	0.0	1.3
ER-WR						4.3	14.4	-10.1
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	280	0.0	13.5	-13.5
27		TALCHER-KOLAR BIPOLE	D/C	0.0	1676	0.0	32.7	-32.7
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-I/C		496.5	30	7.2	0.1	7.1
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						7.2	46.2	-46.2
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	458	4	6.4	0.0	6
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.8	0.0	1
ER-NER						7.2	0.0	7.2
Import/Export of NR (With NER)								
33	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)								
34	HVDC	V'CHAL B/B	D/C	500	0	11.6	0.0	11.6
35	HVDC	APL -MHG	D/C	0	1714	0.0	39.9	-39.9
36	765 KV	GWALIOR-AGRA	D/C	0	2592	0.0	50.6	-50.6
37	765 KV	PHAGI-GWALIOR	D/C	0	1784	0.0	32.6	-32.6
38	400 KV	ZERDA-KANKROLI	S/C	171	34	1.7	0.0	1.7
39	400 KV	ZERDA -BHINMAL	S/C	82	140	0.0	0.9	-0.9
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
41	400KV	RAPP-SHUJALPUR	D/C	0	380	0	7	-7
42	220 KV	BADOD-KOTA	S/C	89	0	1.3	0.0	1.3
43		BADOD-MORAK	S/C	38	88	0.3	0.1	0.2
44		MEHGAON-AURAIYA	S/C	93	0	1.6	0.0	1.6
45		MALANPUR-AURAIYA	S/C	43	0	0.6	0.0	0.6
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
WR-NR						17.0	130.9	-113.9
Import/Export of WR (With SR)								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	22.1	-22.1
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	0	1912	0.0	34.2	-34.2
50	400 KV	KOLHAPUR-KUDGI	D/C	0	387	0.0	4.3	-4.3
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	270	0.0	5.6	-5.6
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	78	0	1.5	0.0	1.5
WR-SR						1.5	66.2	-64.7
TRANSNATIONAL EXCHANGE								
54		BHUTAN						6.1
55		NEPAL						-6.0
56		BANGLADESH						-11.9