



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: 14th 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 13.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 13 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 13th 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

14-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42178	44687	31963	16258	2249	137335
Peak Shortage (MW)	1552	77	12	250	28	1919
Energy Met (MU)	842	1008	681	300	37	2869
Hydro Gen(MU)	101	51	18	23	11	204
Wind Gen(MU)	10	38	56	-----	-----	103
Solar Gen (MU)*	0.11	9.80	9.50	0.05	0.02	19

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	0.049	0.00	0.15	12.67	12.82	72.58	14.59

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	5801	0	104.0	40.4	0.1	207
	Haryana	6374	0	117.8	75.2	-0.9	142
	Rajasthan	9185	912	200.1	67.3	3.0	330
	Delhi	3237	0	57.8	42.9	0.6	257
	UP	12945	195	266.4	86.8	-1.0	249
	Uttarakhand	1715	0	32.8	18.4	0.3	177
	HP	1331	0	24.7	18.7	0.3	127
	J&K	1832	458	35.5	36.9	-5.4	0
WR	Chhattisgarh	3049	0	65.7	10.2	-0.8	316
	Gujarat	12739	0	270.2	95.6	2.2	644
	MP	11233	0	220.3	121.1	-3.9	234
	Maharashtra	20043	0	413.6	116.4	4.2	483
	Goa	416	0	8.4	7.4	0.4	37
	DD	281	0	6.3	6.0	0.2	33
	DNH	684	0	15.5	15.8	-0.3	58
	Essar steel	416	0	8.2	8.2	0.0	279
SR	Andhra Pradesh	5504	0	116.6	10.0	-2.0	542
	Telangana	7228	0	143.4	68.5	2.1	425
	Karnataka	7485	0	155.0	43.0	0.1	752
	Kerala	3205	0	59.9	53.4	2.3	253
	Tamil Nadu	9608	0	200.2	104.4	1.6	509
	Pondy	284	0	5.5	6.2	-0.7	89
ER	Bihar	3503	0	54.8	58.0	-3.3	180
	DVC	2492	0	56.7	-32.1	-0.8	220
	Jharkhand	1096	0	20.2	14.5	0.2	190
	Odisha	3666	0	67.1	21.1	3.3	320
	West Bengal	6556	0	99.6	21.2	4.0	350
NER	Sikkim	89	0	1.7	1.6	0.1	28
	Arunachal Pradesh	89	2	1.9	1.6	0.3	25
	Assam	1375	6	21.7	16.3	1.6	93
	Manipur	135	3	2.1	2.3	-0.2	31
	Meghalaya	274	0	4.7	4.0	-0.4	19
	Mizoram	82	1	1.5	1.3	0.1	18
	Nagaland	97	1	1.7	1.9	-0.2	18
Tripura	211	0	3.6	1.0	0.6	39	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.7	-5.5	-9.5
Day peak (MW)	349.0	-210.1	-590.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	167.8	-160.4	72.5	-83.1	4.6	1.5
Actual(MU)	177.3	-169.0	61.7	-75.5	5.5	0.0
O/D/U/D(MU)	9.5	-8.6	-10.8	7.5	0.9	-1.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5216	12051	4630	1975	517	24389
State Sector	9240	18469	8092	6424	110	42335
Total	14456	30520	12722	8399	626	66724

*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 : 14-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	368	0.0	13.7	-13.7
2		SASARAM-FATEHPUR	S/C	160	104	0.3	0.0	0.3
3		GAYA-BALIA	S/C	0	329	0.0	6.0	-6.0
4	HVDC LINK	PUSAULI B/B	S/C	0	346	0.0	8.6	-8.6
5	400 KV	PUSAULI-SARNATH	S/C	0	294	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	91	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	3	481	0.0	7.9	-7.9
8		PATNA-BALIA	Q/C	0	905	0.0	15.5	-15.5
9		BIHARSHARIFF-BALIA	D/C	3	236	0.0	3.7	-3.7
10		BARH-GORAKHPUR	D/C	0	541	0.0	11.7	-11.7
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.4	-1.4
12	220 KV	PUSAULI-SAHUPURI	S/C	0	176	0.0	2.7	-2.7
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.6	0.0	0.6
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	71.1	-70.3
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	917	0.0	12.3	-12.3
18		NEW RANCHI-DHARAMJAIGARH	D/C	292	245	0.0	0.0	0.0
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	163	43	1.3	0.0	1.3
20		JHARSUGUDA-RAIGARH	S/C	208	0	3.0	0.0	3.0
21		IBEUL-RAIGARH	S/C	148	0	2.1	0.0	2.1
22		STERLITE-RAIGARH	D/C	12	344	0.0	2.2	-2.2
23		RANCHI-SIPAT	D/C	200	68	1.4	0.0	1.4
24	220 KV	BUDHIPADAR-RAIGARH	S/C	68	81	0.1	0.0	0.1
25		BUDHIPADAR-KORBA	D/C	154	0	2.3	0.0	2.3
ER-WR						10.1	14.5	-4.4
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	258	0.0	12.4	-12.4
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2261	0.0	34.2	-34.2
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-I/C		485.8	133	5.7	0.0	5.7
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						5.7	46.6	-46.6
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	465	79	5.4	0.0	5
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.3	0.0	0
ER-NER						5.7	0.0	5.7
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	12.1	0.0	12.1
35	HVDC	APL -MHG	D/C	0	2016	0.0	41.0	-41.0
36	765 KV	GWALIOR-AGRA	D/C	0	2680	0.0	54.4	-54.4
37	765 KV	PHAGI-GWALIOR	D/C	0	1570	0.0	32.4	-32.4
38	400 KV	ZERDA-KANKROLI	S/C	140	49	1.7	0.0	1.7
39	400 KV	ZERDA -BHINMAL	S/C	83	139	0.0	0.4	-0.4
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
41	400KV	RAPP-SHUJALPUR	D/C	0	360	0	7	-7
42	220 KV	BADOD-KOTA	S/C	63	0	0.3	0.0	0.3
43		BADOD-MORAK	S/C	50	15	0.3	0.1	0.2
44		MEHGAON-AURAIYA	S/C	70	0	0.1	0.0	0.1
45		MALANPUR-AURAIYA	S/C	37	0	0.4	0.0	0.4
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
WR-NR						15.0	135.3	-120.3
Import/Export of WR (With SR)								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	20.0	-20.0
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	153	2348	153.0	31.9	121.1
50	400 KV	KOLHAPUR-KUDGI	D/C	203	385	0.0	3.5	-3.5
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	264	0.0	5.6	-5.6
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	84	0	1.5	0.0	1.5
WR-SR						154.5	61.0	93.5
TRANSNATIONAL EXCHANGE								
54		BHUTAN						6.7
55		NEPAL						-5.5
56		BANGLADESH						-9.5