



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: 13th 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 12.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12 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 12th 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

13-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44389	44838	30537	16222	2197	138183
Peak Shortage (MW)	1393	23	0	261	50	1727
Energy Met (MU)	820	1009	737	304	37	2906
Hydro Gen(MU)	97	47	15	24	11	194
Wind Gen(MU)	5	19	41	-----	-----	65
Solar Gen (MU)*	2.78	10.20	9.00	0.05	0.02	22

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	0.068	0.12	1.66	8.81	10.58	64.44	24.98

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	8794	0	102.8	41.2	0.4	404
	Haryana	6344	0	112.3	69.4	0.1	219
	Rajasthan	8720	923	193.2	66.8	4.6	403
	Delhi	3314	0	55.7	40.5	0.9	261
	UP	12784	0	260.2	85.4	1.9	412
	Uttarakhand	1798	0	32.3	17.5	1.2	338
	HP	1344	0	23.8	18.3	0.6	207
	J&K	1864	466	36.3	37.0	-4.2	0
WR	Chhattisgarh	3078	0	65.7	8.9	1.1	226
	Gujarat	12705	0	269.8	103.1	-1.4	388
	MP	11341	0	221.6	124.6	-2.2	240
	Maharashtra	20039	0	414.2	106.1	1.9	975
	Goa	398	0	7.9	7.5	-0.3	37
	DD	277	0	6.0	5.9	0.2	22
	DNH	693	0	15.6	15.7	-0.1	68
	Essar steel	394	0	8.0	7.6	0.4	137
SR	Andhra Pradesh	5860	0	121.9	15.1	-2.1	452
	Telangana	7188	0	141.7	68.2	1.2	319
	Karnataka	9175	0	186.0	62.6	1.0	535
	Kerala	3205	0	59.7	53.4	2.2	211
	Tamil Nadu	11761	0	222.6	112.0	-2.2	551
	Pondy	289	0	5.4	6.2	-0.7	43
ER	Bihar	3339	0	54.7	58.7	-4.0	150
	DVC	2487	0	58.5	-31.8	-1.0	190
	Jharkhand	1048	0	20.1	14.2	0.5	160
	Odisha	3835	0	70.3	20.7	2.4	330
	West Bengal	6320	0	98.4	21.0	0.3	180
NER	Sikkim	96	0	1.6	1.4	0.2	25
	Arunachal Pradesh	88	2	1.9	1.5	0.3	25
	Assam	1319	26	22.0	15.9	2.0	105
	Manipur	135	4	2.1	2.1	0.0	36
	Meghalaya	278	0	4.5	4.1	-0.4	19
	Mizoram	83	3	1.5	1.2	0.2	18
	Nagaland	96	4	1.7	1.8	-0.2	18
Tripura	208	0	3.3	1.0	0.6	43	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.1	-4.4	-12.4
Day peak (MW)	351.6	286.1	-595.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	156.8	-158.0	73.8	-81.4	4.8	-4.0
Actual(MU)	168.1	-160.0	61.0	-78.4	6.1	-3.2
O/D/U/D(MU)	11.3	-2.0	-12.8	2.9	1.3	0.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4797	12930	4410	1450	622	24209
State Sector	9595	18571	8812	6134	110	43222
Total	14392	31501	13222	7584	731	67431

*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 : 13-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	418	0.0	13.0	-13.0
2		SASARAM-FATEHPUR	S/C	100	121	0.0	0.0	0.0
3		GAYA-BALIA	S/C	0	336	0.0	6.0	-6.0
4	HVDC LINK	PUSAULI B/B	S/C	0	348	0.0	8.0	-8.0
5	400 KV	PUSAULI-SARNATH	S/C	0	284	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	101	0.0	2.0	-2.0
7		MUZAFFARPUR-GORAKHPUR	D/C	3	416	0.0	8.0	-8.0
8		PATNA-BALIA	Q/C	0	1074	0.0	18.0	-18.0
9		BIHARSHARIFF-BALIA	D/C	9	195	0.0	4.0	-4.0
10		BARH-GORAKHPUR	D/C	0	594	0.0	12.0	-12.0
11		BIHARSHARIFF-VARANASI	D/C	32	0	0.0	2.0	-2.0
12	220 KV	PUSAULI-SAHUPURI	S/C	0	155	0.0	3.0	-3.0
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
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						0.0	76.0	-76.0
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	880	0.0	13.0	-13.0
18		NEW RANCHI-DHARAMJAIGARH	D/C	229	301	0.0	1.0	-1.0
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	135	74	1.0	0.0	1.0
20		JHARSUGUDA-RAIGARH	S/C	204	15	2.0	0.0	2.0
21		IBEUL-RAIGARH	S/C	144	8	1.0	0.0	1.0
22		STERLITE-RAIGARH	D/C	12	50	0.0	0.0	0.0
23		RANCHI-SIPAT	D/C	193	91	0.0	1.0	-1.0
24	220 KV	BUDHIPADAR-RAIGARH	S/C	83	83	1.0	0.0	1.0
25		BUDHIPADAR-KORBA	D/C	149	0	3.0	0.0	3.0
ER-WR						8.0	15.0	-7.0
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	258	0.0	12.0	-12.0
27		TALCHER-KOLAR BIPOLE	D/C	0.0	1975	0.0	32.0	-32.0
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-1/C		481.0	162	6.0	0.0	6.0
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						6.0	44.0	-44.0
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	466	102	5.0	0.0	5
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
ER-NER						5.0	0.0	5.0
Import/Export of NR (With NER)								
33	HVDC	BISWANATH CHARALI-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	12.0	0.0	12.0
35	HVDC	APL -MHG	D/C	0	1613	0.0	39.0	-39.0
36	765 KV	GWALIOR-AGRA	D/C	0	2758	0.0	52.0	-52.0
37	765 KV	PHAGI-GWALIOR	D/C	0	1672	0.0	34.1	-34.1
38	400 KV	ZERDA-KANKROLI	S/C	158	0	2.0	0.0	2.0
39	400 KV	ZERDA -BHINMAL	S/C	130	151	0.0	0.0	0.0
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
41	400KV	RAPP-SHUJALPUR	D/C	0	400	0	8	-8
42	220 KV	BADOD-KOTA	S/C	78	0	1.0	0.0	1.0
43		BADOD-MORAK	S/C	26	26	0.0	0.0	0.0
44		MEHGAON-AURAIYA	S/C	85	0	1.0	0.0	1.0
45		MALANPUR-AURAIYA	S/C	34	0	0.0	0.0	0.0
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
WR-NR						16.0	133.4	-117.4
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	0	1992	0.0	33.0	-33.0
50	400 KV	KOLHAPUR-KUDGI	D/C	0	466	0.0	6.0	-6.0
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	266	0.0	6.0	-6.0
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	79	0	2.0	0.0	2.0
WR-SR						2.0	65.0	-63.0
TRANSNATIONAL EXCHANGE								
54		BHUTAN						7.1
55		NEPAL						-4.4
56		BANGLADESH						-12.4