



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: 12th 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 11.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11 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 11th 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

12-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39889	43079	32135	16397	2195	133695
Peak Shortage (MW)	1273	11	0	150	59	1493
Energy Met (MU)	818	980	780	300	37	2915
Hydro Gen(MU)	100	31	14	23	11	178
Wind Gen(MU)	6	17	13	-----	-----	37
Solar Gen (MU)*	2.73	10.14	14.00	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	0.045	0.00	0.17	8.52	8.69	73.44	17.87

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	5753	0	112.0	41.2	0.7	235
	Haryana	5631	0	110.0	71.9	-2.0	232
	Rajasthan	9129	58	201.5	67.7	2.5	398
	Delhi	3157	3	53.7	39.4	0.3	342
	UP	12517	705	253.9	88.1	1.5	444
	Uttarakhand	1704	0	30.5	16.8	-0.1	88
	HP	1214	0	22.0	18.0	-0.6	70
	J&K	1724	431	31.7	35.1	-7.0	0
WR	Chhattisgarh	2936	0	64.6	7.7	-1.4	113
	Gujarat	12311	0	263.1	99.5	0.6	677
	MP	10959	0	218.4	126.8	-2.7	248
	Maharashtra	18921	0	398.8	115.2	-1.8	515
	Goa	342	0	7.3	6.8	-0.2	43
	DD	247	0	5.7	5.8	-0.1	5
	DNH	655	0	14.9	15.2	-0.2	67
	Essar steel	401	0	7.3	7.6	-0.3	195
SR	Andhra Pradesh	6601	0	135.5	28.4	-0.9	528
	Telangana	6799	0	136.5	64.3	2.7	243
	Karnataka	8817	0	183.7	65.0	2.9	572
	Kerala	3070	0	57.3	52.2	2.1	215
	Tamil Nadu	12396	0	261.0	134.6	-2.1	880
	Pondy	268	0	5.5	6.2	-0.7	118
ER	Bihar	3381	150	55.0	54.5	0.4	160
	DVC	2495	0	58.5	-29.5	-0.8	200
	Jharkhand	1160	0	20.5	13.8	0.9	180
	Odisha	3866	0	67.8	19.7	2.7	350
	West Bengal	5884	0	97.2	20.6	2.8	330
NER	Sikkim	87	0	1.4	1.4	0.1	28
	Arunachal Pradesh	88	4	1.8	1.5	0.3	25
	Assam	1352	20	21.5	15.9	1.7	105
	Manipur	135	5	2.2	2.1	0.1	36
	Meghalaya	248	0	4.8	4.1	-0.2	19
	Mizoram	83	4	1.5	1.2	0.2	18
	Nagaland	96	6	1.6	1.8	-0.2	18
Tripura	214	0	3.4	1.0	0.7	43	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.9	-5.5	-4.3
Day peak (MW)	348.8	-260.6	-590.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	158.8	-151.8	72.9	-83.5	4.8	1.2
Actual(MU)	170.9	-174.5	73.5	-76.4	6.5	-0.1
O/D/U/D(MU)	12.1	-22.7	0.6	7.1	1.7	-1.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4774	12105	2470	1100	527	20976
State Sector	10645	17719	6392	6134	110	41000
Total	15419	29824	8862	7234	636	61976

*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 : 12-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	387	0.0	10.8	-10.8
2		SASARAM-FATEHPUR	S/C	175	129	0.1	0.0	0.1
3		GAYA-BALIA	S/C	0	445	0.0	7.3	-7.3
4	HVDC LINK	PUSAULI B/B	S/C	0	346	0.0	8.2	-8.2
5	400 KV	PUSAULI-SARNATH	S/C	0	299	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	112	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	34	471	0.0	7.6	-7.6
8		PATNA-BALIA	Q/C	0	842	0.0	16.7	-16.7
9		BIHARSHARIFF-BALIA	D/C	100	260	0.0	4.4	-4.4
10		BARH-GORAKHPUR	D/C	0	537	0.0	11.0	-11.0
11	BIHARSHARIFF-VARANASI	D/C	32	0	0.0	2.4	-2.4	
12	220 KV	PUSAULI-SAHUPURI	S/C	2	161	0.0	0.0	0.0
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.5	0.0	0.5
14		GARWAH-RIHAND	S/C	35	0	0.5	0.0	0.5
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.9	-0.9
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						1.2	69.2	-68.1
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	828	0.0	12.7	-12.7
18		NEW RANCHI-DHARAMJAIGARH	D/C	254	224	0.0	0.2	-0.2
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	82	66	0.4	0.0	0.4
20		JHARSUGUDA-RAIGARH	S/C	138	33	1.5	0.0	1.5
21		IBEUL-RAIGARH	S/C	98	20	1.1	0.0	1.1
22		STERLITE-RAIGARH	D/C	0	50	0.0	3.1	-3.1
23		RANCHI-SIPAT	D/C	173	46	1.5	0.0	1.5
24	220 KV	BUDHIPADAR-RAIGARH	S/C	59	49	0.1	0.0	0.1
25		BUDHIPADAR-KORBA	D/C	151	0	2.5	0.0	2.5
ER-WR						7.2	16.0	-8.9
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	312	0.0	14.4	-14.4
27		TALCHER-KOLAR BIPOLE	D/C	0.0	1977	0.0	35.7	-35.7
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-I/C		409.5	234	5.4	0.1	5.3
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						5.4	50.1	-50.1
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	405	169	5.1	0.0	5
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.2	0.0	0
ER-NER						5.3	0.0	5.3
Import/Export of NR (With NER)								
33	HVDC	BISWANATH CHARALI-AGRA	-	0	0	0.0	12.2	12.2
NR-NER						0.0	12.2	12.2
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	2016	0.0	45.3	-45.3
36	765 KV	GWALIOR-AGRA	D/C	0	2508	0.0	50.4	-50.4
37	765 KV	PHAGI-GWALIOR	D/C	0	1530	0.0	31.3	-31.3
38	400 KV	ZERDA-KANKROLI	S/C	0	212	0.0	3.5	-3.5
39	400 KV	ZERDA -BHINMAL	S/C	37	157	0.0	1.0	-1.0
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
41	400KV	RAPP-SHUJALPUR	D/C	0	450	0	9	-9
42	220 KV	BADOD-KOTA	S/C	84	0	1.4	0.0	1.4
43		BADOD-MORAK	S/C	30	14	0.3	0.0	0.3
44		MEHGAON-AURAIYA	S/C	91	0	1.3	0.0	1.3
45		MALANPUR-AURAIYA	S/C	27	0	0.4	0.0	0.4
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
WR-NR						15.5	140.6	-125.1
Import/Export of WR (With SR)								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	17.7	-17.7
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	0	2161	0.0	39.7	-39.7
50	400 KV	KOLHAPUR-KUDGI	D/C	0	466	0.0	5.8	-5.8
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	254	0.0	5.6	-5.6
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	76	0	1.4	0.0	1.4
WR-SR						1.4	68.8	-67.4
TRANSNATIONAL EXCHANGE								
54		BHUTAN						6.9
55		NEPAL						-5.5
56		BANGLADESH						-4.3