



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: 18th 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 17.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 17 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 17th 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

18-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42439	43705	34306	15938	2208	138596
Peak Shortage (MW)	785	110	0	450	31	1376
Energy Met (MU)	855	1014	782	302	38	2991
Hydro Gen(MU)	100	50	28	22	11	210
Wind Gen(MU)	4	13	22	-----	-----	39
Solar Gen (MU)*	0.47	9.98	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	0.052	0.00	0.57	11.25	11.82	71.89	16.30

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	5653	0	106.9	40.2	-0.8	118
	Haryana	6268	0	122.2	75.2	-1.6	129
	Rajasthan	9261	271	201.8	71.8	0.5	225
	Delhi	3222	0	57.1	43.1	2.2	281
	UP	13673	75	270.6	79.2	0.0	302
	Uttarakhand	1766	0	31.9	17.0	0.0	74
	HP	1372	0	24.2	20.8	-0.5	98
	J&K	1849	462	36.8	37.9	-5.1	4
WR	Chhattisgarh	3094	0	65.8	12.4	-1.3	201
	Gujarat	12968	0	275.4	98.8	0.4	461
	MP	9982	0	220.5	121.0	-2.8	428
	Maharashtra	19955	0	412.5	126.6	0.7	607
	Goa	430	0	9.1	7.2	1.2	96
	DD	289	0	6.4	6.2	0.2	36
	DNH	662	0	14.4	14.6	-0.2	51
	Essar steel	537	0	9.4	9.5	-0.1	249
SR	Andhra Pradesh	6389	0	135.4	17.1	-0.2	677
	Telangana	7279	0	145.8	67.6	1.4	288
	Karnataka	8178	0	176.4	58.0	3.1	433
	Kerala	3409	0	63.6	53.8	2.6	224
	Tamil Nadu	11620	0	254.4	138.0	1.4	680
	Pondy	298	0	6.0	6.5	-0.5	26
	Bihar	3479	0	58.7	56.4	2.2	250
	DVC	2512	0	57.6	-32.3	-2.6	250
ER	Jharkhand	1154	0	23.3	14.7	2.9	350
	Odisha	4286	0	66.7	18.9	2.1	200
	West Bengal	5920	0	94.5	22.6	2.8	100
	Sikkim	95	0	1.7	1.4	0.3	20
	Arunachal Pradesh	88	0	2.0	1.7	0.3	33
NER	Assam	1335	13	21.8	16.3	2.2	145
	Manipur	138	2	2.2	2.3	-0.1	29
	Meghalaya	271	0	4.5	3.8	-0.3	19
	Mizoram	86	1	1.6	1.3	0.2	23
	Nagaland	97	2	2.1	1.8	0.3	18
	Tripura	205	0	3.5	1.2	0.1	61

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.3	-6.1	-9.2
Day peak (MW)	346.4	-259.1	-583.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	181.2	-172.8	72.1	-84.7	4.3	0.1
Actual(MU)	186.4	-186.5	74.4	-81.7	6.1	-1.3
O/D/U/D(MU)	5.2	-13.7	2.3	3.0	1.8	-1.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6321	13046	5130	1650	59	26206
State Sector	9085	18209	8792	6424	110	42620
Total	15406	31255	13922	8074	168	68826

*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 : 18-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	459	0.0	13.4	-13.4
2		SASARAM-FATEHPUR	S/C	116	178	2.2	0.0	2.2
3		GAYA-BALIA	S/C	0	425	0.0	6.7	-6.7
4	HVDC LINK	PUSAULI B/B	S/C	0	348	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	0	277	0.0	6.2	-6.2
6		PUSAULI -ALLAHABAD	S/C	0	109	0.0	2.1	-2.1
7		MUZAFFARPUR-GORAKHPUR	D/C	3	466	0.0	8.0	-8.0
8		PATNA-BALIA	Q/C	0	1198	0.0	22.2	-22.2
9		BIHARSHARIFF-BALIA	D/C	0	357	0.0	5.7	-5.7
10		BARH-GORAKHPUR	D/C	0	556	0.0	11.8	-11.8
11	BIHARSHARIFF-VARANASI	D/C	32	0	0.0	2.1	-2.1	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	181	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	0.7	0.0	0.7
15		KARMANASA-SAHUPURI	S/C	0	0	0.5	0.0	0.5
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						3.4	81.2	-77.8
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	137	1001	0.0	8.5	-8.5
18		NEW RANCHI-DHARAMJAIGARH	D/C	429	222	2.2	0.0	2.2
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	135	114	0.1	0.0	0.1
20		JHARSUGUDA-RAIGARH	S/C	118	88	0.6	0.0	0.6
21		IBEUL-RAIGARH	S/C	86	58	0.5	0.0	0.5
22		STERLITE-RAIGARH	D/C	0	335	0.0	3.7	-3.7
23		RANCHI-SIPAT	D/C	217	100	1.5	0.0	1.5
24	220 KV	BUDHIPADAR-RAIGARH	S/C	38	74	0.0	0.4	-0.4
25		BUDHIPADAR-KORBA	D/C	145	0	1.9	0.0	1.9
ER-WR						6.7	12.5	-5.8
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	336	0.0	14.2	-14.2
27		TALCHER-KOLAR BIPOLE	D/C	7.4	1970	0.0	35.0	-35.0
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-I/C		453.5	251	5.7	0.1	5.6
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						5.7	49.2	-49.2
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	417	188	5.2	0.0	5
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.6	0.0	1
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	9.3	0.0	9.3
35	HVDC	APL -MHG	D/C	0	1814	0.0	42.9	-42.9
36	765 KV	GWALIOR-AGRA	D/C	0	2404	0.0	49.5	-49.5
37	765 KV	PHAGI-GWALIOR	D/C	0	1626	0.0	34.3	-34.3
38	400 KV	ZERDA-KANKROLI	S/C	156	9	1.7	0.0	1.7
39	400 KV	ZERDA -BHINMAL	S/C	94	128	0.0	0.7	-0.7
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	27	0	1.4	0.0	1.4
43		BADOD-MORAK	S/C	30	99	0.2	0.6	-0.4
44		MEHGAON-AURAIYA	S/C	88	0	1.3	0.0	1.3
45		MALANPUR-AURAIYA	S/C	40	0	0.5	0.0	0.5
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
WR-NR						14.5	135.2	-120.7
Import/Export of WR (With SR)								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	21.9	-21.9
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	0	2319	0.0	42.8	-42.8
50	400 KV	KOLHAPUR-KUDGI	D/C	0	409	0.0	5.9	-5.9
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	261	0.0	5.7	-5.7
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	89	0	1.7	0.0	1.7
WR-SR						1.7	76.2	-74.5
TRANSNATIONAL EXCHANGE								
54		BHUTAN						6.3
55		NEPAL						-6.1
56		BANGLADESH						-9.2