



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: 31st 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 30.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30 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 30 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

31-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41422	42683	35765	16572	2268	138710
Peak Shortage (MW)	893	53	350	300	37	1633
Energy Met (MU)	843	1009	845	315	37	3048
Hydro Gen(MU)	104	40	65	20	11	239
Wind Gen(MU)	5	6	28	-----	-----	39
Solar Gen (MU)*	2.80	10.13	15.20	0.03	0.02	28

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	0.074	0.00	1.40	21.19	22.59	61.92	15.49

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	5286	0	99.4	35.1	0.6	177
	Haryana	5837	471	108.0	76.6	-2.0	69
	Rajasthan	9745	0	206.0	70.5	-0.1	147
	Delhi	3801	0	62.8	49.2	1.3	290
	UP	12525	0	265.9	91.4	0.0	887
	Uttarakhand	1796	0	32.7	17.1	1.3	146
	HP	1408	0	26.8	21.4	0.5	97
	J&K	1769	442	37.5	39.1	-5.7	138
WR	Chhattisgarh	3144	0	71.2	7.2	-1.5	277
	Gujarat	13314	0	279.2	83.3	0.7	422
	MP	11420	0	216.5	127.2	-2.8	291
	Maharashtra	19601	0	400.9	128.5	-3.6	440
	Goa	451	0	9.0	7.6	0.8	95
	DD	291	0	6.4	6.3	0.2	21
	DNH	689	0	15.8	16.0	-0.2	31
	Essar steel	482	0	9.7	10.4	-0.6	159
SR	Andhra Pradesh	6966	0	146.1	0.0	3.0	348
	Telangana	7807	0	153.6	69.2	0.9	245
	Karnataka	9218	0	194.5	56.1	1.2	339
	Kerala	3214	350	63.6	46.0	2.4	281
	Tamil Nadu	12979	0	280.9	138.9	3.8	403
	Pondy	310	0	6.5	6.7	-0.2	15
ER	Bihar	3620	100	59.0	58.4	-5.4	385
	DVC	2768	0	62.3	-31.3	-1.6	402
	Jharkhand	1231	0	24.2	15.2	2.1	158
	Odisha	3970	0	65.4	17.3	1.2	345
	West Bengal	6456	0	101.8	24.3	1.7	398
NER	Sikkim	95	0	1.8	1.5	0.3	25
	Arunachal Pradesh	99	1	1.7	1.8	-0.1	15
	Assam	1365	16	21.5	16.1	1.2	95
	Manipur	130	2	2.3	2.1	0.2	31
	Meghalaya	286	0	5.0	4.9	-0.4	43
	Mizoram	85	2	1.5	1.4	0.1	31
	Nagaland	103	1	2.2	1.7	0.4	25
Tripura	216	0	3.3	1.1	0.4	26	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.2	-6.4	-10.5
Day peak (MW)	281.1	-225.7	-602.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	192.4	-169.8	53.4	-79.8	3.6	-0.2
Actual(MU)	203.1	-183.4	57.4	-81.1	5.2	1.2
O/D/U/D(MU)	10.7	-13.6	4.0	-1.3	1.6	1.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6044	12846	3260	1220	422	23792
State Sector	13395	16849	8952	5974	110	45280
Total	19439	29695	12212	7194	531	69072

*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 : 31-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	441	0.0	15.8	-15.8
2		SASARAM-FATEHPUR	S/C	0	280	0.0	4.6	-4.6
3		GAYA-BALIA	S/C	0	355	0.0	7.0	-7.0
4	HVDC LINK	PUSAULI B/B	S/C	4	0	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	112	0	1.5	0.0	1.5
6		PUSAULI-ALLAHABAD	S/C	147	0	2.4	0.0	2.4
7		MUZAFFARPUR-GORAKHPUR	D/C	29	487	0.0	7.7	-7.7
8		PATNA-BALIA	Q/C	0	933	0.0	16.8	-16.8
9		BIHARSHARIFF-BALIA	D/C	0	282	0.0	5.2	-5.2
10		BARH-GORAKHPUR	D/C	0	580	0.0	12.0	-12.0
11	BIHARSHARIFF-VARANASI	D/C	32	0	0.0	3.9	-3.9	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	149	0.0	2.6	-2.6
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
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						4.8	75.5	-70.7
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	897	0.0	14.2	-14.2
18		NEW RANCHI-DHARAMJAIGARH	D/C	525	164	1.9	0.0	1.9
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	129	48	0.3	0.0	0.3
20		JHARSUGUDA-RAIGARH	S/C	133	0	1.5	0.0	1.5
21		IBEUL-RAIGARH	S/C	96	0	1.1	0.0	1.1
22		STERLITE-RAIGARH	D/C	0	310	0.0	4.9	-4.9
23		RANCHI-SIPAT	D/C	291	16	2.3	0.0	2.3
24	220 KV	BUDHIPADAR-RAIGARH	S/C	20	115	0.0	1.1	-1.1
25		BUDHIPADAR-KORBA	D/C	165	0	2.6	0.0	2.6
ER-WR						9.7	20.2	-10.5
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	252	0.0	11.7	-11.7
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2163	0.0	38.6	-38.6
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-1/C		0.0	0	0.0	0.0	0.0
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						0.0	50.3	-50.3
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	D/C	503	231	1.7	0.0	2
32		ALIPURDUAR-BONGAIGAON	D/C	342	188	3.9	0.0	4
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.6	0.0	1
ER-NER						6.2	0.0	6.2
Import/Export of NR (With NER)								
34	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)								
35	HVDC	V'CHAL B/B	D/C	500	50	5.5	0.2	5.3
36	HVDC	APL-MHG	D/C	0	2519	0.0	53.1	-53.1
37	765 KV	GWALIOR-AGRA	D/C	0	3018	0.0	58.4	-58.4
38	765 KV	PHAGI-GWALIOR	D/C	0	1712	0.0	33.6	-33.6
39	400 KV	ZERDA-KANKROLI	S/C	174	42	1.8	0.0	1.8
40	400 KV	ZERDA -BHINMAL	S/C	100	194	0.0	1.1	-1.1
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	430	0	9	-9
43	220 KV	BADOD-KOTA	S/C	74	0	1.2	0.0	1.2
44		BADOD-MORAK	S/C	32	12	0.4	0.0	0.4
45		MEHGAON-AURAIYA	S/C	86	0	0.1	0.0	0.1
46		MALANPUR-AURAIYA	S/C	36	6	0.2	0.0	0.2
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						9.2	154.9	-145.7
Import/Export of WR (With SR)								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.8	-23.8
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	1995	0.0	27.5	-27.5
51	400 KV	KOLHAPUR-KUDGI	D/C	220	258	0.0	0.5	-0.5
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	289	0.0	5.7	-5.7
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	81	0	1.4	0.0	1.4
WR-SR						1.4	57.5	-56.1
TRANSNATIONAL EXCHANGE								
54		BHUTAN						4.2
55		NEPAL						-6.4
56		BANGLADESH						-7.3