



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: 01st Jan 2017

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 31.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 31 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 31 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

1-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41034	42871	36004	16543	2264	138716
Peak Shortage (MW)	740	11	0	370	18	1139
Energy Met (MU)	840	995	847	317	39	3038
Hydro Gen(MU)	101	40	48	26	11	226
Wind Gen(MU)	6	8	27	-----	-----	41
Solar Gen (MU)*	0.10	9.88	16.20	0.03	0.02	26

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	0.062	0.00	0.50	16.76	17.26	69.64	13.10

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	4947	0	96.5	33.5	0.0	137
	Haryana	6084	107	108.1	78.7	0.4	257
	Rajasthan	9333	123	201.9	71.3	1.6	306
	Delhi	3502	0	58.6	47.1	0.3	292
	UP	12643	310	270.8	94.1	1.8	386
	Uttarakhand	1800	0	32.0	16.6	-0.2	121
	HP	1257	0	25.2	21.1	0.2	133
	J&K	2051	513	43.2	39.3	-0.3	89
WR	Chhattisgarh	3097	0	70.9	7.0	-1.2	300
	Gujarat	13224	0	277.5	83.5	-2.8	388
	MP	11202	0	216.7	121.7	-2.9	222
	Maharashtra	19976	0	388.1	119.2	-2.2	404
	Goa	436	0	8.8	7.2	1.0	95
	DD	280	0	6.3	6.2	0.0	11
	DNH	693	0	15.8	16.0	-0.2	45
	Essar steel	584	0	11.4	11.1	0.3	166
SR	Andhra Pradesh	6807	0	148.9	8.2	1.7	385
	Telangana	7720	0	153.7	66.6	0.9	250
	Karnataka	9300	0	195.6	61.6	4.2	960
	Kerala	3313	0	62.7	54.0	2.1	196
	Tamil Nadu	13245	0	279.5	138.1	0.8	481
	Pondy	308	0	6.3	6.8	-0.5	20
	Bihar	3591	0	65.2	61.0	-0.3	350
	DVC	2342	0	52.0	-29.6	-3.6	380
ER	Jharkhand	1088	0	22.5	14.9	1.9	150
	Odisha	4126	0	72.3	22.4	1.5	300
	West Bengal	6276	0	103.3	25.3	2.7	380
	Sikkim	88	0	1.4	1.4	0.0	25
	Arunachal Pradesh	99	1	2.1	1.6	0.5	15
NER	Assam	1348	0	22.2	15.9	2.4	95
	Manipur	134	1	2.3	2.4	-0.1	31
	Meghalaya	287	0	5.1	4.7	-0.3	43
	Mizoram	84	1	1.5	1.4	0.1	31
	Nagaland	110	2	1.9	1.8	0.1	25
	Tripura	215	0	3.4	1.3	0.3	26

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.6	-7.0	-10.5
Day peak (MW)	382.8	243.1	-604.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	191.0	-193.8	79.2	-80.9	3.3	-1.2
Actual(MU)	198.0	-200.8	83.4	-86.8	5.7	-0.6
O/D/U/D(MU)	7.0	-7.0	4.2	-6.0	2.4	0.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6044	12846	3760	950	422	24022
State Sector	13455	16849	8042	6684	110	45140
Total	19499	29695	11802	7634	531	69162

*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 : 1-Jan-17
								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	16.4	-16.4
2		SASARAM-FATEHPUR	S/C	0	312	0.0	5.0	-5.0
3		GAYA-BALIA	S/C	0	353	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	134	0	1.4	0.0	1.4
6		PUSAULI-ALLAHABAD	S/C	161	0	2.6	0.0	2.6
7		MUZAFFARPUR-GORAKHPUR	D/C	3	477	0.0	8.0	-8.0
8		PATNA-BALIA	Q/C	0	1069	0.0	18.5	-18.5
9		BIHARSHARIFF-BALIA	D/C	0	276	0.0	5.3	-5.3
10		BARH-GORAKHPUR	D/C	0	655	0.0	12.7	-12.7
11	BIHARSHARIFF-VARANASI	D/C	32	0	0.0	4.2	-4.2	
12	220 KV	PUSAULI-SAHUPURI	S/C	1	165	0.0	2.5	-2.5
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						4.0	79.6	-75.6
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	870	0.0	12.2	-12.2
18		NEW RANCHI-DHARAMJAIGARH	D/C	337	181	0.5	0.0	0.5
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	128	47	0.6	0.0	0.6
20		JHARSUGUDA-RAIGARH	S/C	135	0	1.6	0.0	1.6
21		IBEUL-RAIGARH	S/C	96	0	1.1	0.0	1.1
22		STERLITE-RAIGARH	D/C	37	266	0.0	3.0	-3.0
23		RANCHI-SIPAT	D/C	231	7	2.3	0.0	2.3
24	220 KV	BUDHIPADAR-RAIGARH	S/C	62	61	0.0	3.1	-3.1
25		BUDHIPADAR-KORBA	D/C	225	0	3.7	0.0	3.7
ER-WR						9.7	18.3	-8.6
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	255	0.0	12.2	-12.2
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2169	0.0	40.6	-40.6
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	52.7	-52.7
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	D/C	453	204	1.7	0.0	2
32		ALIPURDUAR-BONGAIGAON	D/C	307	171	3.7	0.0	4
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.5	0.0	1
ER-NER						5.9	0.0	5.9
Import/Export of NR (With NER)								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	13.0	13.0
NR-NER						0.0	13.0	13.0
Import/Export of WR (With NR)								
35	HVDC	V'CHAL B/B	D/C	400	0	8.8	0.0	8.8
36	HVDC	APL-MHG	D/C	0	2216	0.0	54.7	-54.7
37	765 KV	GWALIOR-AGRA	D/C	0	2922	0.0	58.0	-58.0
38	765 KV	PHAGI-GWALIOR	D/C	0	1620	0.0	33.6	-33.6
39	400 KV	ZERDA-KANKROLI	S/C	240	35	1.9	0.0	1.9
40	400 KV	ZERDA -BHINMAL	S/C	163	177	0.0	0.8	-0.8
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	440	0	8	-8
43	220 KV	BADOD-KOTA	S/C	93	0	1.2	0.0	1.2
44		BADOD-MORAK	S/C	43	17	0.4	0.1	0.3
45		MEHGAON-AURAIYA	S/C	63	0	1.1	0.0	1.1
46		MALANPUR-AURAIYA	S/C	27	5	0.3	0.0	0.3
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						13.6	155.3	-141.6
Import/Export of WR (With SR)								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2308	0.0	45.5	-45.5
51	400 KV	KOLHAPUR-KUDGI	D/C	17	196	0.0	2.3	-2.3
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	269	0.0	5.6	-5.6
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	80	0	1.4	0.0	1.4
WR-SR						1.4	77.3	-75.9
TRANSNATIONAL EXCHANGE								
54		BHUTAN						5.6
55		NEPAL						-7.0
56		BANGLADESH						-7.9