



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: 29th 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., डोंगतेह, लोअर नॉग्रह , लापलंग, शिलोंग - 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 28.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28 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 28 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

29-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41923	43282	36605	16918	2272	141000
Peak Shortage (MW)	610	33	0	0	52	695
Energy Met (MU)	863	1004	855	319	36	3077
Hydro Gen(MU)	102	43	43	21	11	219
Wind Gen(MU)	2	24	36	-----	-----	62
Solar Gen (MU)*	2.67	10.01	12.80	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	0.037	0.00	0.05	4.16	4.20	76.33	19.47

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	5271	0	99.0	30.1	0.2	163
	Haryana	6259	0	114.5	77.6	-0.8	124
	Rajasthan	9597	0	213.6	71.7	2.5	293
	Delhi	3582	0	60.6	47.0	1.0	281
	UP	12980	110	276.7	90.8	0.2	286
	Uttarakhand	1813	0	33.1	17.5	-0.3	149
	HP	1328	37	25.3	20.4	-0.2	113
	J&K	1713	428	36.8	39.2	-6.5	0
WR	Chhattisgarh	3128	0	70.6	7.8	-1.8	80
	Gujarat	13057	0	270.6	79.8	-0.7	343
	MP	11514	0	217.7	124.6	-2.9	279
	Maharashtra	20136	0	403.6	119.9	-2.0	385
	Goa	429	0	8.7	7.9	0.1	70
	DD	292	0	6.4	6.5	-0.1	20
	DNH	714	0	16.1	16.3	-0.2	23
	Essar steel	480	0	9.9	10.3	-0.4	127
SR	Andhra Pradesh	7006	0	148.3	4.7	4.5	433
	Telangana	7704	0	153.1	72.9	2.0	313
	Karnataka	9167	200	202.8	59.6	4.6	559
	Kerala	3465	0	65.4	55.6	2.4	193
	Tamil Nadu	13033	0	278.7	135.5	-1.0	608
	Pondy	311	0	6.4	6.6	-0.3	24
ER	Bihar	3533	0	62.0	59.7	-2.1	150
	DVC	2666	0	62.1	-32.9	-0.3	100
	Jharkhand	1126	0	24.4	15.3	1.4	125
	Odisha	3950	0	67.8	16.9	2.1	150
	West Bengal	6348	0	101.3	22.8	3.0	175
NER	Sikkim	97	0	1.6	1.7	-0.1	12
	Arunachal Pradesh	134	4	2.1	1.9	0.2	1
	Assam	1338	24	20.0	16.1	0.1	225
	Manipur	130	2	2.6	2.5	0.1	8
	Meghalaya	282	0	4.9	4.7	-0.5	93
	Mizoram	82	5	1.6	1.4	0.2	31
	Nagaland	103	5	1.9	1.8	0.0	19
Tripura	214	0	2.8	1.4	-0.4	12	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.7	-6.7	-12.1
Day peak (MW)	260.9	-305.9	-598.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	188.5	-183.7	72.5	-81.6	3.5	-0.8
Actual(MU)	188.5	-193.0	77.2	-80.7	2.7	-5.3
O/D/U/D(MU)	-0.1	-9.3	4.7	0.9	-0.8	-4.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6434	13716	2760	1420	422	24752
State Sector	11375	17336	8022	5974	110	42817
Total	17809	31052	10782	7394	531	67569

*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 :	29-Dec-16
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
								Import=(+ve) /Export =(-ve) for NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	396	0.0	14.2	-14.2	
2		SASARAM-FATEHPUR	S/C	0	259	0.0	4.6	-4.6	
3		GAYA-BALIA	S/C	0	335	0.0	6.1	-6.1	
4	HVDC LINK	PUSAULI B/B	S/C	4	0	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	144	0	1.8	0.0	1.8	
6		PUSAULI -ALLAHABAD	S/C	195	0	2.9	0.0	2.9	
7		MUZAFFARPUR-GORAKHPUR	D/C	14	412	0.0	7.1	-7.1	
8		PATNA-BALIA	Q/C	0	897	0.0	16.8	-16.8	
9		BIHARSHARIFF-BALIA	D/C	11	248	0.0	4.7	-4.7	
10		BARH-GORAKHPUR	D/C	0	550	0.0	11.8	-11.8	
11	BIHARSHARIFF-VARANASI	D/C	35	0	0.0	3.7	-3.7		
12	220 KV	PUSAULI-SAHUPURI	S/C	1	140	0.0	1.5	-1.5	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.6	0.0	0.6	
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						5.2	70.6	-65.4	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	9	825	0.0	11.5	-11.5	
18		NEW RANCHI-DHARAMJAIGARH	D/C	397	249	0.3	0.0	0.3	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	104	68	0.0	0.3	-0.3	
20		JHARSUGUDA-RAIGARH	S/C	100	23	0.5	0.0	0.5	
21		IBEUL-RAIGARH	S/C	73	13	0.4	0.0	0.4	
22		STERLITE-RAIGARH	D/C	0	316	0.0	5.1	-5.1	
23		RANCHI-SIPAT	D/C	249	54	1.4	0.0	1.4	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	2	148	0.0	1.7	-1.7	
25		BUDHIPADAR-KORBA	D/C	169	0	2.4	0.0	2.4	
ER-WR						4.9	18.6	-13.7	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	257	0.0	12.3	-12.3	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2453	0.0	41.4	-41.4	
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0	
29	400 KV	TALCHER-I/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	53.7	-53.7	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	D/C	482	139	2.1	0.0	2	
32		ALIPURDUAR-BONGAIGAON	D/C	329	124	4.7	0.0	5	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.6	0.0	1	
ER-NER						7.4	0.0	7.4	
Import/Export of NR (With NER)									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.0	12.0	
NR-NER						0.0	12.0	12.0	
Import/Export of WR (With NR)									
35	HVDC	V'CHAL B/B	D/C	200	200	1.5	1.7	-0.2	
36	HVDC	APL-MHG	D/C	0	2015	0.0	47.4	-47.4	
37	765 KV	GWALIOR-AGRA	D/C	0	2792	0.0	52.9	-52.9	
38	765 KV	PHAGI-GWALIOR	D/C	0	1490	0.0	30.2	-30.2	
39	400 KV	ZERDA-KANKROLI	S/C	174	18	1.4	0.0	1.4	
40	400 KV	ZERDA -BHINMAL	S/C	57	179	0.0	1.8	-1.8	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	410	0	9	-9	
43	220 KV	BADOD-KOTA	S/C	64	0	1.0	0.0	1.0	
44		BADOD-MORAK	S/C	26	13	0.2	0.1	0.2	
45		MEHGAON-AURAIYA	S/C	73	0	1.5	0.0	1.5	
46		MALANPUR-AURAIYA	S/C	33	0	0.5	0.0	0.5	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						6.1	142.7	-136.7	
Import/Export of WR (With SR)									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.0	-21.0	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2268	0.0	43.2	-43.2	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	419	0.0	4.3	-4.3	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	278	0.0	5.6	-5.6	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	85	0	1.7	0.0	1.7	
WR-SR						1.7	74.2	-72.5	
TRANSNATIONAL EXCHANGE									
54		BHUTAN		Energy Exchange (In MU)					
55		NEPAL							-6.7
56		BANGLADESH							-7.7