



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: 28th 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 27.12.2016.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27 दिसम्बर 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 27 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

28-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41413	42759	36467	17206	2290	140136
Peak Shortage (MW)	1011	43	0	86	24	1165
Energy Met (MU)	848	1000	853	318	35	3055
Hydro Gen(MU)	101	44	35	22	11	213
Wind Gen(MU)	3	30	34	-----	-----	67
Solar Gen (MU)*	2.78	9.80	15.40	0.04	0.00	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	0.054	0.00	0.63	7.21	7.84	66.32	25.84

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	5195	0	98.3	31.5	1.0	195
	Haryana	6205	0	114.7	78.4	-1.9	75
	Rajasthan	9052	590	205.4	68.6	4.3	452
	Delhi	3505	0	60.6	48.1	0.6	259
	UP	13029	0	271.1	91.5	2.3	376
	Uttarakhand	1806	0	33.1	18.5	-0.5	250
	HP	1378	18	25.8	21.0	0.3	144
	J&K	1691	423	35.4	38.4	-7.2	0
WR	Chhattisgarh	3184	0	69.4	7.9	-1.4	272
	Gujarat	12755	0	265.8	77.2	-1.8	404
	MP	11322	0	217.7	125.4	-3.2	196
	Maharashtra	20224	0	406.5	122.3	-0.2	368
	Goa	414	0	8.6	7.4	0.6	91
	DD	279	0	6.3	6.3	0.0	16
	DNH	712	0	16.0	16.1	-0.1	24
	Essar steel	517	0	10.1	10.4	-0.3	176
SR	Andhra Pradesh	6914	0	145.5	4.6	1.8	472
	Telangana	7755	0	154.2	68.8	0.5	533
	Karnataka	9226	0	194.2	58.7	3.1	550
	Kerala	3476	0	65.4	55.1	2.6	251
	Tamil Nadu	13241	0	287.1	142.7	1.6	598
	Pondy	315	0	6.6	6.8	-0.2	10
ER	Bihar	3566	0	64.6	61.7	-0.1	320
	DVC	2678	0	62.1	-31.0	-0.7	150
	Jharkhand	1157	86	22.4	15.2	1.6	200
	Odisha	4053	0	66.5	16.0	0.9	250
	West Bengal	6401	0	101.2	23.9	1.1	285
NER	Sikkim	91	0	1.5	1.6	-0.1	20
	Arunachal Pradesh	130	2	1.9	1.8	0.1	12
	Assam	1365	4	19.3	14.4	0.8	107
	Manipur	120	3	2.1	2.5	-0.4	10
	Meghalaya	288	0	4.7	4.8	-0.5	25
	Mizoram	78	4	1.4	1.5	-0.1	17
	Nagaland	104	2	1.6	1.8	-0.3	21
Tripura	214	0	4.1	1.4	1.1	34	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.8	-6.7	-12.2
Day peak (MW)	302.2	-374.7	-595.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	187.8	-181.0	70.7	-80.4	3.5	0.6
Actual(MU)	185.8	-183.5	72.7	-80.7	2.5	-3.2
O/D/U/D(MU)	-2.0	-2.5	2.0	-0.3	-1.0	-3.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5444	13316	3260	1220	422	23662
State Sector	11625	17984	5702	6334	110	41755
Total	17069	31300	8962	7554	531	65417

*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 : 28-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	419	0.0	13.9	-13.9
2		SASARAM-FATEHPUR	S/C	0	308	0.0	4.5	-4.5
3		GAYA-BALIA	S/C	0	342	0.0	4.6	-4.6
4	HVDC LINK	PUSAULI B/B	S/C	3	0	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	105	0	1.5	0.0	1.5
6		PUSAULI-ALLAHABAD	S/C	148	1	0.8	0.0	0.8
7		MUZAFFARPUR-GORAKHPUR	D/C	7	439	0.0	6.6	-6.6
8		PATNA-BALIA	Q/C	0	833	0.0	20.5	-20.5
9		BIHARSHARIFF-BALIA	D/C	0	209	0.0	4.2	-4.2
10		BARH-GORAKHPUR	D/C	0	571	0.0	12.8	-12.8
11	BIHARSHARIFF-VARANASI	D/C	32	0	0.0	3.5	-3.5	
12	220 KV	PUSAULI-SAHUPURI	S/C	2	0	0.0	0.0	0.0
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.8	0.0	0.8
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						3.1	70.7	-67.6
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	822	0.0	13.7	-13.7
18		NEW RANCHI-DHARAMJAIGARH	D/C	358	307	0.0	0.8	-0.8
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	98	66	0.1	0.0	0.1
20		JHARSUGUDA-RAIGARH	S/C	111	5	1.0	0.0	1.0
21		IBEUL-RAIGARH	S/C	81	0	0.8	0.0	0.8
22		STERLITE-RAIGARH	D/C	0	321	0.0	4.9	-4.9
23		RANCHI-SIPAT	D/C	211	110	0.6	0.0	0.6
24	220 KV	BUDHIPADAR-RAIGARH	S/C	15	109	0.0	1.0	-1.0
25		BUDHIPADAR-KORBA	D/C	137	19	1.6	0.0	1.6
ER-WR						4.2	20.5	-16.3
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	255	0.0	12.3	-12.3
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2453	0.0	38.0	-38.0
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	0.1	-0.1
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	715	114	2.4	0.0	2
32		ALIPURDUAR-BONGAIGAON	D/C	489	106	5.4	0.0	5
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.8	0.0	1
ER-NER						8.6	0.0	8.6
Import/Export of NR (With NER)								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	11.8	11.8
NR-NER						0.0	11.8	11.8
Import/Export of WR (With NR)								
35	HVDC	V'CHAL B/B	D/C	200	0	2.9	0.0	2.9
36	HVDC	APL-MHG	D/C	0	2317	0.0	53.7	-53.7
37	765 KV	GWALIOR-AGRA	D/C	0	3034	0.0	52.3	-52.3
38	765 KV	PHAGI-GWALIOR	D/C	0	1500	0.0	30.8	-30.8
39	400 KV	ZERDA-KANKROLI	S/C	4	155	0.0	1.8	-1.8
40	400 KV	ZERDA -BHINMAL	S/C	172	69	1.1	0.0	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	424	0	8	-8
43	220 KV	BADOD-KOTA	S/C	68	0	1.1	0.0	1.1
44		BADOD-MORAK	S/C	32	25	0.2	0.1	0.1
45		MEHGAON-AURAIYA	S/C	67	0	1.2	0.0	1.2
46		MALANPUR-AURAIYA	S/C	30	7	0.3	0.0	0.3
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						6.8	147.1	-140.2
Import/Export of WR (With SR)								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.8	-19.8
49	HVDC LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2388	0.0	42.4	-42.4
51	400 KV	KOLHAPUR-KUDGI	D/C	0	529	0.0	5.4	-5.4
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	291	0.0	5.6	-5.6
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	89	0	1.7	0.0	1.7
WR-SR						1.7	73.3	-71.6
TRANSNATIONAL EXCHANGE								
54		BHUTAN		Energy Exchange (In MU)				
55		NEPAL		-6.7				
56		BANGLADESH		-7.7				