



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: 22nd 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 21.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21 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 21 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

22-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41776	43670	36079	16351	2254	140130
Peak Shortage (MW)	650	11	0	300	46	1007
Energy Met (MU)	875	1016	835	312	39	3077
Hydro Gen(MU)	99	48	38	24	11	220
Wind Gen(MU)	3	18	18	-----	-----	40
Solar Gen (MU)*	2.73	10.30	15.40	0.05	0.01	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	0.045	0.00	0.19	8.04	8.23	71.05	20.72

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	5511	0	104.1	40.4	0.9	180
	Haryana	6179	0	120.5	73.5	-0.3	232
	Rajasthan	9663	0	209.3	74.5	2.9	292
	Delhi	3471	0	61.1	47.5	1.9	251
	UP	12849	120	277.3	89.0	0.2	224
	Uttarakhand	1824	0	33.4	18.6	0.3	119
	HP	1407	27	26.8	21.2	0.5	121
	J&K	1754	439	38.5	38.5	-5.4	0
WR	Chhattisgarh	3121	0	68.3	4.4	-1.1	174
	Gujarat	12648	0	271.6	91.5	0.1	562
	MP	9884	0	222.2	129.2	-1.7	248
	Maharashtra	20077	0	412.8	120.7	-0.4	581
	Goa	517	0	8.6	7.5	0.4	36
	DD	291	0	6.4	6.3	0.2	26
	DNH	697	0	15.9	16.1	-0.2	41
	Essar steel	504	0	10.0	9.9	0.1	192
SR	Andhra Pradesh	6737	0	142.3	17.9	2.4	1466
	Telangana	7476	0	148.6	67.4	2.2	362
	Karnataka	8842	0	191.6	67.1	5.3	716
	Kerala	3469	0	66.5	50.6	2.3	287
	Tamil Nadu	12846	0	280.0	141.4	-1.4	721
	Pondy	313	0	6.3	6.6	-0.3	22
ER	Bihar	3372	0	58.6	57.2	0.0	150
	DVC	2983	0	62.0	-33.3	-0.5	200
	Jharkhand	1114	0	22.7	13.7	1.8	125
	Odisha	3727	0	64.3	13.8	1.2	200
	West Bengal	6333	0	103.1	19.7	3.3	200
NER	Sikkim	88	0	1.8	1.4	0.4	15
	Arunachal Pradesh	97	2	2.0	1.8	0.2	21
	Assam	1375	14	22.4	16.8	1.4	161
	Manipur	137	4	2.5	2.4	0.1	27
	Meghalaya	270	0	4.7	4.2	-0.4	25
	Mizoram	85	1	1.6	1.4	0.2	16
	Nagaland	95	3	2.2	1.9	0.3	23
Tripura	217	0	3.2	1.6	-0.6	69	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.0	-6.8	-12.2
Day peak (MW)	310.6	-320.7	-570.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	198.1	-183.1	70.9	-88.1	3.4	1.2
Actual(MU)	193.3	-184.8	74.0	-81.2	3.7	5.0
O/D/U/D(MU)	-4.8	-1.7	3.1	6.8	0.3	3.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5486	11776	2510	1370	422	21564
State Sector	9815	19067	6372	6174	110	41538
Total	15301	30843	8882	7544	531	63102

*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 :	22-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	445	0.0	13.8	-13.8	
2		SASARAM-FATEHPUR	S/C	29	216	0.0	2.2	-2.2	
3		GAYA-BALIA	S/C	0	446	0.0	6.9	-6.9	
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1	
5	400 KV	PUSAULI-SARNATH	S/C	0	215	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	74	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	3	412	0.0	7.9	-7.9	
8		PATNA-BALIA	Q/C	0	1045	0.0	16.2	-16.2	
9		BIHARSHARIFF-BALIA	D/C	0	254	0.0	2.3	-2.3	
10		BARH-GORAKHPUR	D/C	0	563	0.0	12.0	-12.0	
11	BIHARSHARIFF-VARANASI	D/C	32	0	0.0	2.4	-2.4		
12	220 KV	PUSAULI-SAHUPURI	S/C	0	180	0.0	3.1	-3.1	
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						0.8	73.0	-72.2	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	436	621	0.0	5.5	-5.5	
18		NEW RANCHI-DHARAMJAIGARH	D/C	296	120	3.0	0.0	3.0	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	132	35	1.0	0.0	1.0	
20		JHARSUGUDA-RAIGARH	S/C	123	2	1.5	0.0	1.5	
21		IBEUL-RAIGARH	S/C	89	0	1.0	0.0	1.0	
22		STERLITE-RAIGARH	D/C	0	226	0.0	2.6	-2.6	
23		RANCHI-SIPAT	D/C	171	38	2.3	0.0	2.3	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	36	124	0.0	1.0	-1.0	
25		BUDHIPADAR-KORBA	D/C	197	0	2.2	0.0	2.2	
ER-WR						11.0	9.1	1.9	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	313	0.0	13.9	-13.9	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2457	0.0	33.4	-33.4	
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0	
29	400 KV	TALCHER-I/C		537.7	100	7.1	0.3	6.8	
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						7.1	47.4	-47.4	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	Q/C	483	96	5.8	0.0	6	
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	1.3	0.0	1	
ER-NER						7.1	0.0	7.1	
Import/Export of NR (With NER)									
33	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.2	12.2	
NR-NER						0.0	12.2	12.2	
Import/Export of WR (With NR)									
34	HVDC	V'CHAL B/B	D/C	500	0	12.2	0.0	12.2	
35	HVDC	APL -MHG	D/C	0	2518	0.0	55.7	-55.7	
36	765 KV	GWALIOR-AGRA	D/C	0	2758	0.0	54.6	-54.6	
37	765 KV	PHAGI-GWALIOR	D/C	0	1866	0.0	36.2	-36.2	
38	400 KV	ZERDA-KANKROLI	S/C	207	0	3.4	0.0	3.4	
39	400 KV	ZERDA -BHINMAL	S/C	137	104	0.5	0.0	0.5	
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
41	400KV	RAPP-SHUJALPUR	D/C	0	449	0	8	-8	
42	220 KV	BADOD-KOTA	S/C	83	0	1.4	0.0	1.4	
43		BADOD-MORAK	S/C	47	0	0.5	0.0	0.5	
44		MEHGAON-AURAIYA	S/C	94	0	1.5	0.0	1.5	
45		MALANPUR-AURAIYA	S/C	34	11	0.5	0.0	0.5	
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						20.0	154.4	-134.4	
Import/Export of WR (With SR)									
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	19.1	-19.1	
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
49	765 KV	SOLAPUR-RAICHUR	D/C	0	2127	0.0	33.8	-33.8	
50	400 KV	KOLHAPUR-KUDGI	D/C	10	293	0.0	3.6	-3.6	
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	266	0.0	5.7	-5.7	
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
53		XELDEM-AMBEWADI	S/C	88	0	1.7	0.0	1.7	
WR-SR						1.7	62.1	-60.5	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						7.0	
55		NEPAL						-6.8	
56		BANGLADESH						-12.2	