



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: 25th 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 24.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24 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 24 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

25-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42324	41916	35700	16077	2291	138309
Peak Shortage (MW)	879	11	0	400	31	1321
Energy Met (MU)	856	1009	840	313	39	3057
Hydro Gen(MU)	101	40	36	23	11	211
Wind Gen(MU)	6	7	13	-----	-----	26
Solar Gen (MU)*	0.44	10.11	17.10	0.04	0.20	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	0.042	0.00	0.01	3.36	3.37	68.59	28.04

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	5329	0	102.9	33.8	0.5	219
	Haryana	6310	0	116.1	78.6	-0.8	293
	Rajasthan	9499	0	204.1	71.1	2.3	250
	Delhi	3276	0	56.7	44.9	0.0	207
	UP	13553	0	277.3	90.1	-0.6	202
	Uttarakhand	1800	0	32.4	18.3	-1.1	63
	HP	1345	0	26.2	21.1	0.4	92
	J&K	1782	446	37.0	39.1	-6.1	446
WR	Chhattisgarh	3154	0	70.1	7.1	-1.5	219
	Gujarat	13021	0	277.9	81.3	1.8	480
	MP	11262	0	217.9	132.8	-3.7	113
	Maharashtra	19965	0	402.2	128.4	-0.1	663
	Goa	410	0	8.4	7.4	0.4	65
	DD	287	0	6.5	6.4	0.1	30
	DNH	699	0	15.7	15.9	-0.2	34
	Essar steel	805	0	10.2	10.3	0.0	186
SR	Andhra Pradesh	6717	0	141.8	8.0	0.6	328
	Telangana	7616	0	150.0	80.9	1.9	221
	Karnataka	9186	0	194.6	64.6	5.0	624
	Kerala	3390	0	64.9	55.0	2.2	214
	Tamil Nadu	13015	0	282.0	146.8	0.5	487
	Pondy	307	0	6.2	6.7	-0.5	18
ER	Bihar	3473	200	61.1	59.3	-0.9	215
	DVC	2376	0	62.5	-32.3	-2.0	125
	Jharkhand	1102	200	23.6	14.9	1.5	100
	Odisha	4251	0	64.6	17.0	1.1	165
	West Bengal	6103	0	99.8	18.0	0.3	150
NER	Sikkim	87	0	1.3	1.3	0.0	15
	Arunachal Pradesh	114	1	1.9	1.8	0.1	21
	Assam	1372	9	22.0	16.6	1.2	161
	Manipur	138	1	2.1	2.4	-0.3	27
	Meghalaya	281	0	5.2	4.7	-0.1	25
	Mizoram	87	2	1.6	1.7	-0.1	16
	Nagaland	98	1	1.8	1.9	-0.1	23
Tripura	215	2	4.6	1.0	1.5	69	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.1	-4.6	-13.6
Day peak (MW)	426.1	-209.8	-591.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	191.3	-177.1	70.2	-89.8	3.9	-1.5
Actual(MU)	186.6	-187.1	77.5	-89.4	5.4	-6.9
O/D/U/D(MU)	-4.7	-10.0	7.3	0.4	1.5	-5.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5421	12166	2760	1370	422	22139
State Sector	12695	17089	7222	6174	110	43290
Total	18116	29255	9982	7544	531	65429

*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 : 25-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	421	0.0	15.1	-15.1
2		SASARAM-FATEHPUR	S/C	0	310	0.0	5.2	-5.2
3		GAYA-BALIA	S/C	0	306	0.0	6.2	-6.2
4	HVDC LINK	PUSAULI B/B	S/C	4	0	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	60	1	0.5	0.0	0.5
6		PUSAULI -ALLAHABAD	S/C	149	0	2.2	0.0	2.2
7		MUZAFFARPUR-GORAKHPUR	D/C	3	481	0.0	7.8	-7.8
8		PATNA-BALIA	Q/C	0	896	0.0	18.2	-18.2
9		BIHARSHARIFF-BALIA	D/C	0	268	0.0	5.5	-5.5
10		BARH-GORAKHPUR	D/C	0	581	0.0	11.9	-11.9
11	BIHARSHARIFF-VARANASI	D/C	35	0	0.0	4.6	-4.6	
12	220 KV	PUSAULI-SAHUPURI	S/C	2	104	0.0	0.9	-0.9
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						3.5	75.5	-71.9
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	703	0.0	9.5	-9.5
18		NEW RANCHI-DHARAMJAIGARH	D/C	261	204	0.3	0.0	0.3
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	95	53	0.1	0.0	0.1
20		JHARSUGUDA-RAIGARH	S/C	88	22	0.9	0.0	0.9
21		IBEUL-RAIGARH	S/C	70	4	0.7	0.0	0.7
22		STERLITE-RAIGARH	D/C	0	253	0.0	3.9	-3.9
23		RANCHI-SIPAT	D/C	172	50	1.6	0.0	1.6
24	220 KV	BUDHIPADAR-RAIGARH	S/C	16	102	0.0	1.0	-1.0
25		BUDHIPADAR-KORBA	D/C	172	0	0.0	2.3	-2.3
ER-WR						3.6	16.7	-13.1
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	255	0.0	12.1	-12.1
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2357	0.0	41.9	-41.9
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	54.0	-54.0
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	D/C	447	240	1.6	0.0	2
32		ALIPURDUAR-BONGAIGAON	D/C	303	193	3.6	0.0	4
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	1.0	0.0	1
ER-NER						6.1	0.0	6.1
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	250	500	2.0	2.0	0.0
36	HVDC	APL- MHG	D/C	0	2417	0.0	57.1	-57.1
37	765 KV	GWALIOR-AGRA	D/C	0	3052	0.0	42.9	-42.9
38	765 KV	PHAGI-GWALIOR	D/C	0	1846	0.0	37.0	-37.0
39	400 KV	ZERDA-KANKROLI	S/C	150	0	2.8	0.0	2.8
40	400 KV	ZERDA -BHINMAL	S/C	122	104	0.4	0.0	0.4
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	466	0	7	-7
43	220 KV	BADOD-KOTA	S/C	10	0	1.6	0.0	1.6
44		BADOD-MORAK	S/C	59	0	0.7	0.0	0.7
45		MEHGAON-AURAIYA	S/C	78	0	1.4	0.0	1.4
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						9.5	146.3	-136.8
Import/Export of WR (With SR)								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2200	0.0	38.8	-38.8
51	400 KV	KOLHAPUR-KUDGI	D/C	70	338	0.0	0.0	0.0
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	253	0.0	5.5	-5.5
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	87	0	1.7	0.0	1.7
WR-SR						1.7	68.2	-66.5
TRANSNATIONAL EXCHANGE								
54		BHUTAN		Energy Exchange (In MU)				
55		NEPAL		-4.6				
56		BANGLADESH		-6.9				