



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: 21th 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 20.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 20 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 20th 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

21-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42125	43644	35440	16002	2247	139458
Peak Shortage (MW)	437	0	0	200	35	672
Energy Met (MU)	864	1013	808	306	39	3029
Hydro Gen(MU)	96	46	38	23	11	214
Wind Gen(MU)	7	28	26	-----	-----	61
Solar Gen (MU)*	2.86	10.46	12.30	0.04	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	0.045	0.00	0.08	8.55	8.63	69.77	21.60

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	5397	0	103.3	37.0	1.3	239
	Haryana	6086	0	117.4	73.4	-0.5	166
	Rajasthan	9619	0	209.5	70.6	1.7	251
	Delhi	3387	0	59.6	43.6	1.7	326
	UP	13088	10	276.4	88.4	0.5	357
	Uttarakhand	1835	0	33.3	17.8	1.3	278
	HP	1385	0	25.2	21.0	0.6	239
	J&K	1748	437	35.7	38.1	-5.6	0
WR	Chhattisgarh	3127	0	67.7	6.4	-3.1	225
	Gujarat	12754	0	274.6	93.4	0.3	423
	MP	11344	0	221.6	123.5	-2.3	268
	Maharashtra	20154	0	410.6	115.8	-2.3	460
	Goa	415	0	8.3	6.7	1.0	66
	DD	284	0	5.6	5.2	0.3	29
	DNH	698	0	15.8	16.0	-0.2	65
	Essar steel	444	0	8.6	9.3	-0.8	171
SR	Andhra Pradesh	6467	0	138.8	15.5	1.2	417
	Telangana	7565	0	148.3	67.3	1.8	256
	Karnataka	8548	0	186.8	57.9	5.3	490
	Kerala	3527	0	64.8	51.1	2.7	256
	Tamil Nadu	12173	0	262.8	144.3	3.3	770
	Pondy	308	0	6.1	6.3	-0.2	38
ER	Bihar	3364	0	60.5	56.4	2.1	150
	DVC	2525	0	59.8	-28.8	-1.6	100
	Jharkhand	1077	0	22.4	14.3	1.8	100
	Odisha	3658	0	62.4	16.6	0.9	200
	West Bengal	6265	0	99.2	22.3	2.0	200
NER	Sikkim	87	0	1.6	1.3	0.2	12
	Arunachal Pradesh	98	1	2.3	1.8	0.5	23
	Assam	1375	10	22.3	16.4	1.8	215
	Manipur	135	1	2.6	2.4	0.2	27
	Meghalaya	270	0	4.7	4.0	-0.4	19
	Mizoram	85	1	1.5	1.3	0.2	16
	Nagaland	95	3	2.2	1.8	0.3	19
Tripura	207	0	3.2	1.5	-0.1	71	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.3	-6.7	-11.6
Day peak (MW)	316.2	-317.3	-559.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.3	-173.4	71.0	-87.6	3.0	2.3
Actual(MU)	186.7	-180.1	80.1	-85.5	4.8	6.0
O/D/U/D(MU)	-2.6	-6.7	9.1	2.0	1.8	3.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5986	12716	4690	1620	422	25434
State Sector	9545	18114	6582	6174	110	40525
Total	15531	30830	11272	7794	531	65959

*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 : 21-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	422	0.0	13.9	-13.9
2		SASARAM-FATEHPUR	S/C	66	291	0.0	2.5	-2.5
3		GAYA-BALIA	S/C	0	371	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	206	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	94	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	3	1181	0.0	7.4	-7.4
8		PATNA-BALIA	Q/C	0	1131	0.0	18.0	-18.0
9		BIHARSHARIFF-BALIA	D/C	0	254	0.0	4.0	-4.0
10		BARH-GORAKHPUR	D/C	0	588	0.0	12.2	-12.2
11		BIHARSHARIFF-VARANASI	D/C	32	0	0.0	1.7	-1.7
12	220 KV	PUSAULI-SAHUPURI	S/C	0	237	0.0	3.4	-3.4
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.5	0.0	0.5
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						0.5	76.2	-75.6
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	200	793	0.0	9.1	-9.1
18		NEW RANCHI-DHARAMJAIGARH	D/C	412	49	4.4	0.0	4.4
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	132	36	0.7	0.0	0.7
20		JHARSUGUDA-RAIGARH	S/C	107	27	0.9	0.0	0.9
21		IBEUL-RAIGARH	S/C	79	17	0.6	0.0	0.6
22		STERLITE-RAIGARH	D/C	0	62	0.0	3.6	-3.6
23		RANCHI-SIPAT	D/C	199	29	1.8	0.0	1.8
24	220 KV	BUDHIPADAR-RAIGARH	S/C	23	94	0.0	0.8	-0.8
25		BUDHIPADAR-KORBA	D/C	157	0	2.1	0.0	2.1
ER-WR						10.6	13.4	-2.9
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	334	0.0	13.7	-13.7
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2456	0.0	38.9	-38.9
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-I/C		515.5	198	6.9	0.2	6.7
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						6.9	52.6	-52.6
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	464	183	5.7	0.0	6
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	1.2	0.0	1
ER-NER						6.9	0.0	6.9
Import/Export of NR (With NER)								
33	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)								
34	HVDC	V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
35	HVDC	APL -MHG	D/C	0	2317	0.0	50.2	-50.2
36	765 KV	GWALIOR-AGRA	D/C	0	2660	0.0	54.3	-54.3
37	765 KV	PHAGI-GWALIOR	D/C	0	1600	0.0	32.9	-32.9
38	400 KV	ZERDA-KANKROLI	S/C	196	0	3.1	0.0	3.1
39	400 KV	ZERDA -BHINMAL	S/C	102	80	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	418	0	7	-7
42	220 KV	BADOD-KOTA	S/C	47	0	0.1	0.0	0.1
43		BADOD-MORAK	S/C	57	6	0.7	0.0	0.7
44		MEHGAON-AURAIYA	S/C	79	0	1.4	0.0	1.4
45		MALANPUR-AURAIYA	S/C	33	0	0.5	0.0	0.5
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
WR-NR						18.5	144.6	-126.1
Import/Export of WR (With SR)								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	20.7	-20.7
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	0	2038	0.0	39.9	-39.9
50	400 KV	KOLHAPUR-KUDGI	D/C	0	445	0.0	5.5	-5.5
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	262	0.0	5.6	-5.6
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	87	0	1.6	0.0	1.6
WR-SR						1.6	71.7	-70.0
TRANSNATIONAL EXCHANGE								
54		BHUTAN						7.3
55		NEPAL						-6.7
56		BANGLADESH						-11.6