



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: 10th 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 09.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09 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 09th December 2016, is available at the NLDC website.

Thanking You.



पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

10-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41441	44959	35728	16888	2240	141257
Peak Shortage (MW)	503	0	0	150	47	700
Energy Met (MU)	846	1015	841	307	37	3047
Hydro Gen(MU)	105	42	42	23	11	222
Wind Gen(MU)	20	5	9	-----	-----	34
Solar Gen (MU)*	2.80	10.12	14.80	0.04	0.03	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	0.050	0.00	0.30	9.54	9.84	67.36	22.80

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	6147	0	109.6	45.8	-0.5	267
	Haryana	6107	0	115.3	75.4	-1.9	235
	Rajasthan	10148	0	204.7	66.8	0.3	272
	Delhi	3296	0	58.5	46.8	-0.3	192
	UP	12629	35	261.6	82.6	0.2	459
	Uttarakhand	1759	0	32.8	18.7	-0.4	129
	HP	1370	4	24.3	19.2	0.3	102
	J&K	1688	422	35.9	36.5	-4.8	0
WR	Chhattisgarh	3122	0	68.6	6.4	0.8	144
	Gujarat	12987	0	273.3	98.7	2.7	502
	MP	10926	0	216.6	127.7	-1.5	442
	Maharashtra	20137	0	417.8	123.5	3.1	467
	Goa	417	0	8.7	7.6	0.8	127
	DD	278	0	6.2	6.2	0.0	24
	DNH	661	0	15.2	15.4	-0.3	39
	Essar steel	458	0	8.8	7.9	1.0	208
SR	Andhra Pradesh	6656	0	138.9	15.7	-3.2	384
	Telangana	7123	0	142.4	71.2	2.4	288
	Karnataka	8893	0	204.9	67.6	11.4	742
	Kerala	3431	0	64.9	54.5	3.1	305
	Tamil Nadu	12468	0	284.0	140.4	0.8	604
	Pondy	308	0	6.2	6.7	-0.5	17
ER	Bihar	3439	150	57.0	55.1	-0.1	0
	DVC	2486	0	58.3	-29.0	-1.8	0
	Jharkhand	1174	0	21.1	14.2	1.5	0
	Odisha	3740	0	66.6	20.9	1.0	0
	West Bengal	6420	0	102.7	19.9	2.3	0
NER	Sikkim	95	0	1.6	1.4	0.2	0
	Arunachal Pradesh	92	3	1.8	1.7	0.1	28
	Assam	1355	5	21.8	16.3	1.5	156
	Manipur	132	6	2.2	2.3	-0.1	38
	Meghalaya	287	0	4.7	3.8	0.0	40
	Mizoram	86	2	1.5	1.2	0.2	32
	Nagaland	103	5	1.8	1.8	0.0	20
Tripura	211	0	3.3	1.8	0.0	41	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.4	-5.0	-4.7
Day peak (MW)	374.5	-94.7	-448.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	167.6	-162.7	77.3	-88.2	5.3	-0.7
Actual(MU)	165.5	-171.8	83.6	-85.0	6.4	-1.3
O/D/U/D(MU)	-2.1	-9.0	6.3	3.1	1.1	-0.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4274	12455	2170	1600	637	21136
State Sector	9805	17891	6522	6134	110	40462
Total	14079	30346	8692	7734	746	61598

*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 : 10-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	399	0.0	12.5	-12.5
2		SASARAM-FATEHPUR	S/C	152	136	0.0	0.3	-0.3
3		GAYA-BALIA	S/C	0	328	0.0	6.0	-6.0
4	HVDC LINK	PUSAULI B/B	S/C	0	348	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	0	294	0.0	6.7	-6.7
6		PUSAULI -ALLAHABAD	S/C	0	97	0.0	1.7	-1.7
7		MUZAFFARPUR-GORAKHPUR	D/C	7	487	0.0	7.9	-7.9
8		PATNA-BALIA	Q/C	0	737	0.0	11.1	-11.1
9		BIHARSHARIFF-BALIA	D/C	87	246	0.0	3.8	-3.8
10		BARH-GORAKHPUR	D/C	0	509	0.0	10.0	-10.0
11		BIHARSHARIFF-VARANASI	D/C	32	0	0.0	1.6	-1.6
12	220 KV	PUSAULI-SAHUPURI	S/C	0	226	0.0	3.6	-3.6
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	0.5	0.0	0.5
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						1.4	65.2	-63.8
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	818	0.0	12.0	-12.0
18		NEW RANCHI-DHARAMJAIGARH	D/C	226	328	0.0	1.4	-1.4
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	117	74	0.4	0.0	0.4
20		JHARSUGUDA-RAIGARH	S/C	156	46	1.6	0.0	1.6
21		IBEUL-RAIGARH	S/C	110	29	1.2	0.0	1.2
22		STERLITE-RAIGARH	D/C	42	238	0.0	2.6	-2.6
23		RANCHI-SIPAT	D/C	175	87	0.9	0.0	0.9
24	220 KV	BUDHIPADAR-RAIGARH	S/C	30	47	0.0	0.3	-0.3
25		BUDHIPADAR-KORBA	D/C	133	0	2.0	0.0	2.0
ER-WR						6.1	16.3	-10.1
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	311	0.0	14.8	-14.8
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2354	0.0	46.2	-46.2
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-1/C		470.1	182	5.0	0.3	4.6
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						5.0	61.0	-61.0
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	450	152	4.6	0.0	5
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.4	0.0	0
ER-NER						5.0	0.0	5.0
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	300	155	2.8	0.6	2.1
35	HVDC	APL -MHG	D/C	0	2518	0.0	57.7	-57.7
36	765 KV	GWALIOR-AGRA	D/C	0	2268	0.0	40.1	-40.1
37	765 KV	PHAGI-GWALIOR	D/C	0	1580	0.0	30.0	-30.0
38	400 KV	ZERDA-KANKROLI	S/C	324	0	6.0	0.0	6.0
39	400 KV	ZERDA -BHINMAL	S/C	291	0	3.9	0.0	3.9
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
41	400KV	RAPP-SHUJALPUR	D/C	0	520	0	7	-7
42	220 KV	BADOD-KOTA	S/C	108	0	1.9	0.0	1.9
43		BADOD-MORAK	S/C	54	1	0.6	0.0	0.6
44		MEHGAON-AURAIYA	S/C	74	0	1.2	0.0	1.2
45		MALANPUR-AURAIYA	S/C	30	12	0.3	0.0	0.3
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
WR-NR						16.7	135.7	-119.0
Import/Export of WR (With SR)								
47	HVDC LINK	BHADRAWATI B/B	-	0	500	0.0	12.1	-12.1
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	0	2512	0.0	49.5	-49.5
50	400 KV	KOLHAPUR-KUDGI	D/C	0	500	0.0	8.6	-8.6
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	91	0	1.8	0.0	1.8
WR-SR						1.8	70.2	-68.4
TRANSNATIONAL EXCHANGE								
54		BHUTAN						7.4
55		NEPAL						-5.0
56		BANGLADESH						-4.7