



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: 24th 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 23.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 23 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 23 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

24-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41481	42832	36458	16713	2318	139802
Peak Shortage (MW)	852	0	0	523	17	1392
Energy Met (MU)	859	1022	849	315	39	3084
Hydro Gen(MU)	100	48	39	22	11	220
Wind Gen(MU)	1	10	10	-----	-----	21
Solar Gen (MU)*	2.92	10.57	16.60	0.04	0.07	30

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	0.047	0.00	0.15	6.20	6.35	69.97	23.68

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	5451	0	104.3	34.2	-0.3	273
	Haryana	6395	0	118.2	72.2	-1.3	137
	Rajasthan	9499	95	207.1	70.3	1.7	237
	Delhi	3531	0	61.6	48.1	1.5	262
	UP	12578	510	269.0	88.7	1.0	448
	Uttarakhand	1846	0	33.5	18.0	-0.3	133
	HP	1378	0	26.6	21.0	0.7	226
	J&K	1687	422	35.1	38.7	-7.5	0
WR	Chhattisgarh	3187	0	72.4	6.3	1.0	261
	Gujarat	13222	0	280.0	89.0	0.9	597
	MP	11363	0	224.4	133.3	-2.4	383
	Maharashtra	19750	0	404.5	127.6	-2.5	383
	Goa	427	0	8.7	7.6	0.4	64
	DD	292	0	6.4	6.3	0.1	30
	DNH	662	0	15.1	15.3	-0.1	59
	Essar steel	782	0	10.5	9.9	0.6	219
SR	Andhra Pradesh	6824	0	142.7	9.4	2.3	500
	Telangana	7831	0	150.8	80.1	1.9	247
	Karnataka	9062	0	195.8	68.3	4.0	752
	Kerala	3460	0	67.4	54.4	2.8	278
	Tamil Nadu	13075	0	286.4	150.3	1.9	535
	Pondy	313	0	6.2	6.6	-0.4	72
ER	Bihar	3539	0	64.8	60.5	0.8	425
	DVC	2745	0	62.7	-31.5	-0.9	365
	Jharkhand	1126	0	24.2	14.8	2.1	145
	Odisha	3846	0	62.7	17.8	-1.1	345
	West Bengal	6346	0	99.0	18.7	-0.6	389
NER	Sikkim	90	0	1.6	1.4	0.2	20
	Arunachal Pradesh	109	1	2.0	1.8	0.2	21
	Assam	1375	3	23.1	16.5	2.5	161
	Manipur	138	1	2.1	2.2	0.0	27
	Meghalaya	310	0	4.8	4.8	-0.3	25
	Mizoram	88	1	1.6	1.4	0.1	16
	Nagaland	102	1	1.9	1.8	0.0	23
Tripura	206	1	3.2	1.0	0.2	69	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.1	-6.7	-12.1
Day peak (MW)	389.0	-305.9	-584.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.1	-176.0	74.6	-87.8	3.5	3.4
Actual(MU)	190.6	-181.3	79.6	-89.0	6.0	5.9
O/D/U/D(MU)	1.5	-5.3	5.0	-1.3	2.5	2.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5921	12276	3930	1370	422	23919
State Sector	12445	17657	6562	6174	110	42948
Total	18366	29933	10492	7544	531	66867

*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-के०वि०पा०(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसीको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	24-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	417	0.0	14.0	-14.0	
2		SASARAM-FATEHPUR	S/C	0	378	0.0	6.0	-6.0	
3		GAYA-BALIA	S/C	0	313	0.0	6.0	-6.0	
4	HVDC LINK	PUSAULI B/B	S/C	4	0	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	69	19	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	168	0	2.0	0.0	2.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	19	445	0.0	8.0	-8.0	
8		PATNA-BALIA	Q/C	0	884	0.0	21.0	-21.0	
9		BIHARSHARIFF-BALIA	D/C	3	266	0.0	5.0	-5.0	
10	400 KV	BARH-GORAKHPUR	D/C	0	549	0.0	11.0	-11.0	
11		BIHARSHARIFF-VARANASI	D/C	35	0	0.0	4.0	-4.0	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	170	0.0	3.0	-3.0	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	1.0	0.0	1.0	
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						3.0	78.0	-75.0	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	200	712	0.0	7.0	-7.0	
18		NEW RANCHI-DHARAMJAIGARH	D/C	327	308	1.0	0.0	1.0	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	141	106	0.0	0.0	0.0	
20		JHARSUGUDA-RAIGARH	S/C	143	84	0.0	0.0	0.0	
21		IBEUL-RAIGARH	S/C	49	56	0.0	0.0	0.0	
22		STERLITE-RAIGARH	D/C	0	311	0.0	4.0	-4.0	
23		RANCHI-SIPAT	D/C	212	124	1.0	0.0	1.0	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	45	108	0.0	1.0	-1.0	
25		BUDHIPADAR-KORBA	D/C	170	0	2.0	0.0	2.0	
ER-WR						4.0	12.0	-8.0	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	255	0.0	12.0	-12.0	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2453	0.0	46.0	-46.0	
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	0.0	0.0	
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	58.0	-58.0	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	D/C	486	256	0.0	0.0	0	
32		ALIPURDUAR-BONGAIGAON	D/C	341	204	5.0	0.0	5	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	1.0	0.0	1	
ER-NER						6.0	0.0	6.0	
Import/Export of NR (With NER)									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.1	12.1	
NR-NER						0.0	12.1	12.1	
Import/Export of WR (With NR)									
35	HVDC	V'CHAL B/B	D/C	500	500	5.2	3.3	1.9	
36	HVDC	APL-MHG	D/C	0	2518	0.0	55.1	-55.1	
37	765 KV	GWALIOR-AGRA	D/C	0	2606	0.0	44.4	-44.4	
38	765 KV	PHAGI-GWALIOR	D/C	0	1660	0.0	33.2	-33.2	
39	400 KV	ZERDA-KANKROLI	S/C	194	0	3.0	0.0	3.0	
40	400 KV	ZERDA -BHINMAL	S/C	121	97	0.3	0.0	0.3	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	450	0	7	-7	
43	220 KV	BADOD-KOTA	S/C	101	0	1.7	0.0	1.7	
44		BADOD-MORAK	S/C	56	4	0.8	0.0	0.8	
45		MEHGAON-AURAIYA	S/C	84	0	1.6	0.0	1.6	
46		MALANPUR-AURAIYA	S/C	42	0	0.6	0.0	0.6	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						13.1	143.4	-130.3	
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	2271	0.0	37.5	-37.5	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	317	0.0	0.0	0.0	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	245	0.0	5.6	-5.6	
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	67.1	-65.3	
TRANSNATIONAL EXCHANGE									
54		BHUTAN		Energy Exchange (In MU)					
55		NEPAL		-6.7					
56		BANGLADESH		-7.5					