



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: 23rd 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 22.12.2016.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22 दिसम्बर 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 22 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

23-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41671	43373	36750	16466	2213	140473
Peak Shortage (MW)	522	33	0	507	36	1098
Energy Met (MU)	860	1018	842	313	38	3071
Hydro Gen(MU)	97	44	35	23	11	209
Wind Gen(MU)	2	13	10	-----	-----	24
Solar Gen (MU)*	2.58	10.11	16.20	0.05	0.02	29

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	0.039	0.00	0.00	3.25	3.25	72.21	24.54

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	5505	0	103.1	38.3	0.9	177
	Haryana	6422	0	122.3	77.5	-0.3	198
	Rajasthan	9531	155	210.2	74.2	2.8	278
	Delhi	3302	0	58.6	46.3	0.2	250
	UP	12617	10	274.9	88.4	-0.7	396
	Uttarakhand	1833	0	34.0	19.1	-0.5	117
	HP	1390	0	26.4	21.2	0.3	249
	J&K	1429	357	26.8	39.3	-15.6	0
WR	Chhattisgarh	3114	0	67.9	5.4	-2.1	128
	Gujarat	12778	0	275.9	90.9	-0.1	513
	MP	9945	0	222.0	132.4	-2.8	295
	Maharashtra	20211	0	411.6	128.0	-0.3	372
	Goa	505	0	8.6	7.6	0.5	74
	DD	264	0	6.4	6.4	0.0	23
	DNH	701	0	15.9	16.1	-0.3	24
	Essar steel	468	0	9.8	10.1	-0.3	155
SR	Andhra Pradesh	6625	0	140.6	14.9	0.5	415
	Telangana	7768	0	150.3	75.8	2.1	302
	Karnataka	9000	0	195.4	71.0	5.3	814
	Kerala	3528	0	67.4	56.7	2.4	222
	Tamil Nadu	12965	0	281.8	148.7	-1.3	900
	Pondy	307	0	6.1	6.6	-0.5	77
ER	Bihar	3539	300	64.8	58.8	3.3	465
	DVC	2745	0	63.6	-33.0	-0.6	405
	Jharkhand	1126	0	21.6	14.7	1.3	205
	Odisha	3846	0	63.0	14.7	-0.3	385
	West Bengal	6346	0	98.9	17.1	-0.3	425
NER	Sikkim	90	0	1.5	1.5	0.0	25
	Arunachal Pradesh	82	3	2.0	1.8	0.2	21
	Assam	1375	6	22.2	16.9	1.3	161
	Manipur	137	1	2.5	2.4	0.1	27
	Meghalaya	275	0	4.8	4.4	-0.4	25
	Mizoram	85	3	1.6	1.4	0.1	16
	Nagaland	88	2	2.1	1.9	0.2	23
Tripura	193	0	2.8	1.5	-0.5	69	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	Day Exchange (In)	5.8	-6.7
Day peak (MW)	Day Peak (MW)	342.7	-362.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	200.3	-182.3	69.6	-93.7	3.9	-2.3
Actual(MU)	197.1	-185.7	73.3	-90.2	4.2	-1.3
O/D/U/D(MU)	-3.2	-3.4	3.7	3.5	0.3	0.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5986	11776	3260	1370	422	22814
State Sector	9815	17839	6262	6174	110	40200
Total	15801	29615	9522	7544	531	63014

*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 : 23-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	571	0.0	17.4	-17.4
2		SASARAM-FATEHPUR	S/C	0	364	0.0	4.3	-4.3
3		GAYA-BALIA	S/C	0	379	0.0	4.3	-4.3
4	HVDC LINK	PUSAULI B/B	S/C	4	248	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	56	215	0.0	2.2	-2.2
6		PUSAULI -ALLAHABAD	S/C	143	68	0.6	0.0	0.6
7		MUZAFFARPUR-GORAKHPUR	D/C	3	482	0.0	8.7	-8.7
8		PATNA-BALIA	Q/C	0	1037	0.0	19.8	-19.8
9		BIHARSHARIFF-BALIA	D/C	0	353	0.0	6.3	-6.3
10		BARH-GORAKHPUR	D/C	0	529	0.0	11.6	-11.6
11		BIHARSHARIFF-VARANASI	D/C	32	0	0.0	3.7	-3.7
12	220 KV	PUSAULI-SAHUPURI	S/C	0	143	0.0	2.7	-2.7
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	0.4	0.0	0.4
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						1.9	81.1	-79.2
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	177	581	0.0	7.7	-7.7
18		NEW RANCHI-DHARAMJAIGARH	D/C	361	160	1.9	0.0	1.9
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	125	28	0.4	0.0	0.4
20		JHARSUGUDA-RAIGARH	S/C	119	14	0.9	0.0	0.9
21		IBEUL-RAIGARH	S/C	87	7	0.7	0.0	0.7
22		STERLITE-RAIGARH	D/C	0	224	0.0	3.5	-3.5
23		RANCHI-SIPAT	D/C	228	48	1.7	0.0	1.7
24	220 KV	BUDHIPADAR-RAIGARH	S/C	26	97	0.0	0.8	-0.8
25		BUDHIPADAR-KORBA	D/C	171	0	2.4	0.0	2.4
ER-WR						8.0	12.0	-3.9
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	334	0.0	14.2	-14.2
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2448	0.0	43.2	-43.2
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	57.5	-57.5
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	776	229	5.3	0.0	5
32	220 KV	ALIPURDUAR-SALAKATI	D/C	529	140	1.2	0.0	1
ER-NER						6.6	0.0	6.6
Import/Export of NR (With NER)								
33	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.3	12.3
NR-NER						0.0	12.3	12.3
Import/Export of WR (With NR)								
34	HVDC	V'CHAL B/B	D/C	500	0	9.0	0.0	9.0
35	HVDC	APL -MHG	D/C	0	2519	0.0	55.1	-55.1
36	765 KV	GWALIOR-AGRA	D/C	0	2630	0.0	52.7	-52.7
37	765 KV	PHAGI-GWALIOR	D/C	0	1710	0.0	34.9	-34.9
38	400 KV	ZERDA-KANKROLI	S/C	252	0	3.3	0.0	3.3
39	400 KV	ZERDA -BHINMAL	S/C	182	80	0.6	0.0	0.6
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
41	400KV	RAPP-SHUJALPUR	D/C	0	461	0	8	-8
42	220 KV	BADOD-KOTA	S/C	84	0	1.6	0.0	1.6
43		BADOD-MORAK	S/C	68	0	0.7	0.0	0.7
44		MEHGAON-AURAIYA	S/C	114	0	1.8	0.0	1.8
45		MALANPUR-AURAIYA	S/C	31	9	0.4	0.0	0.4
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
WR-NR						17.4	150.6	-133.2
Import/Export of WR (With SR)								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	21.6	-21.6
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	0	2010	0.0	34.3	-34.3
50	400 KV	KOLHAPUR-KUDGI	D/C	5	288	0.0	3.6	-3.6
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	283	0.0	5.7	-5.7
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	87	0	1.7	0.0	1.7
WR-SR						1.7	65.2	-63.5
TRANSNATIONAL EXCHANGE								
54		BHUTAN				Energy Exchange (In MU)		
55		NEPAL						5.8
56		BANGLADESH						-6.7