



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: 13th Jan 2017

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 12.01.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12 जनवरी 2017 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 12 January 2017, 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 13-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42347	43228	36990	17336	2210	142112
Peak Shortage (MW)	1770	48	0	0	39	1857
Energy Met (MU)	883	1000	876	325	39	3123
Hydro Gen(MU)	96	42	45	22	11	215
Wind Gen(MU)	7	28	10	-----	-----	45
Solar Gen (MU)*	0.23	10.53	14.20	0.03	0.02	25

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	0.044	0.00	0.05	8.31	8.36	71.74	19.91

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	5495	0	101.7	39.3	0.9	291
	Haryana	6682	0	121.2	66.6	-0.3	161
	Rajasthan	9594	0	203.4	71.6	5.2	535
	Delhi	3317	0	65.3	51.4	-1.2	383
	UP	13314	320	284.9	86.8	0.9	332
	Uttarakhand	1855	70	33.9	21.6	1.1	199
	HP	1422	15	25.7	21.1	1.0	172
	J&K	2049	512	43.8	38.7	1.5	135
WR	Chhattisgarh	3152	0	70.4	10.8	-0.5	250
	Gujarat	12687	0	272.4	82.5	-4.1	445
	MP	10680	0	207.3	123.9	-2.3	247
	Maharashtra	19843	10	410.6	131.0	-0.9	317
	Goa	408	0	8.5	8.3	-0.4	103
	DD	291	0	6.3	6.6	-0.3	4
	DNH	724	0	16.5	16.8	-0.3	3
	Essar steel	710	0	8.3	7.9	0.5	169
SR	Andhra Pradesh	7054	0	152.8	7.5	2.1	433
	Telangana	8247	0	158.0	69.8	1.2	205
	Karnataka	9239	0	203.2	67.2	5.2	378
	Kerala	3455	0	63.9	54.3	2.0	247
	Tamil Nadu	13395	0	292.2	148.1	1.5	647
	Pondy	315	0	6.2	6.6	-0.4	17
ER	Bihar	3542	0	62.7	57.9	1.7	230
	DVC	2690	0	62.7	-34.1	0.6	190
	Jharkhand	1172	0	22.9	15.6	1.6	260
	Odisha	3796	0	70.9	18.6	-0.3	290
	West Bengal	6558	0	103.6	25.3	-0.1	300
Sikkim	101	0	2.0	1.5	0.5	27	
NER	Arunachal Pradesh	101	1	1.9	1.9	0.0	0
	Assam	1382	18	23.2	17.5	2.1	171
	Manipur	145	2	2.4	2.6	-0.1	12
	Meghalaya	209	0	4.8	4.7	-0.2	7
	Mizoram	82	1	1.5	1.3	0.2	37
	Nagaland	98	1	2.2	1.9	0.3	5
	Tripura	208	0	3.1	2.0	-0.3	30

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.5	-7.9	-10.1
Day peak (MW)	362.7	-376.6	-591.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	204.8	-214.2	74.4	-67.3	4.3	1.9
Actual(MU)	197.2	-226.7	79.7	-60.6	4.6	-5.8
O/D/U/D(MU)	-7.6	-12.5	5.3	6.7	0.3	-7.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6754	11051	3510	1720	84	23119
State Sector	10575	19281	7052	5274	110	42292
Total	17329	30332	10562	6994	193	65411

*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 :	13-Jan-17
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	411	0.0	12.9	-12.9	
2		SASARAM-FATEHPUR	S/C	119	284	0.0	2.1	-2.1	
3		GAYA-BALIA	S/C	0	313	0.0	5.6	-5.6	
4	HVDC LINK	PUSAULI B/B	S/C	4	247	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	109	312	0.0	1.6	-1.6	
6		PUSAULI -ALLAHABAD	S/C	216	54	1.7	0.0	1.7	
7		MUZAFFARPUR-GORAKHPUR	D/C	70	345	0.0	3.8	-3.8	
8		PATNA-BALIA	Q/C	0	853	0.0	15.5	-15.5	
9		BIHARSHARIFF-BALIA	D/C	67	183	0.0	2.4	-2.4	
10		BARH-GORAKHPUR	D/C	0	580	0.0	10.8	-10.8	
11	BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.3	-1.3		
12	220 KV	PUSAULI-SAHUPURI	S/C	0	158	0.0	2.5	-2.5	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.6	0.0	0.6	
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						2.2	58.5	-56.2	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	636	0.0	11.3	-11.3	
18		NEW RANCHI-DHARAMJAIGARH	D/C	355	110	4.2	0.0	4.2	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	137	0	1.0	0.0	1.0	
20		JHARSUGUDA-RAIGARH	S/C	131	0	1.9	0.0	1.9	
21		IBEUL-RAIGARH	S/C	94	0	1.3	0.0	1.3	
22		STERLITE-RAIGARH	D/C	0	194	0.0	3.1	-3.1	
23		RANCHI-SIPAT	D/C	229	0	3.3	0.0	3.3	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	106	52	0.0	0.1	-0.1	
25		BUDHIPADAR-KORBA	D/C	195	0	3.3	0.0	3.3	
ER-WR						15.0	14.5	0.5	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	309	0.0	14.7	-14.7	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2450	0.0	42.1	-42.1	
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0	
29	400 KV	TALCHER-1/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	56.9	-56.9	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	D/C	608	103	2.5	0.0	2	
32		ALIPURDUAR-BONGAIGAON	D/C	452	106	4.0	0.0	4	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.5	0.0	1	
ER-NER						7.0	0.0	7.0	
Import/Export of NR (With NER)									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.5	12.5	
NR-NER						0.0	12.5	12.5	
Import/Export of WR (With NR)									
35	HVDC	V'CHAL B/B	D/C	500	85	5.8	0.1	5.7	
36	HVDC	APL-MHG	D/C	0	2519	0.0	58.8	-58.8	
37	765 KV	GWALIOR-AGRA	D/C	0	2996	0.0	60.7	-60.7	
38	765 KV	PHAGI-GWALIOR	D/C	0	1628	0.0	32.6	-32.6	
39	400 KV	ZERDA-KANKROLI	S/C	130	82	0.7	0.0	0.7	
40	400 KV	ZERDA -BHINMAL	S/C	58	240	0.0	1.7	-1.7	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	469	0	9	-9	
43	220 KV	BADOD-KOTA	S/C	58	2	0.4	0.0	0.4	
44		BADOD-MORAK	S/C	13	49	0.0	0.6	-0.5	
45		MEHGAON-AURAIYA	S/C	68	0	1.2	0.0	1.2	
46		MALANPUR-AURAIYA	S/C	19	0	0.3	0.0	0.3	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						8.4	163.8	-155.4	
Import/Export of WR (With SR)									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.2	-23.2	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2202	0.0	40.6	-40.6	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	409	0.0	4.2	-4.2	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	278	0.0	5.6	-5.6	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	84	0	1.4	0.0	1.4	
WR-SR						1.4	73.6	-72.2	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						4.5	
55		NEPAL						-7.9	
56		BANGLADESH						-10.1	