



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: 11th 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, शिल्लोंग - 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 10.01.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10 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 10 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

11-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42483	43364	37084	16867	2292	142090
Peak Shortage (MW)	1735	87	0	310	39	2171
Energy Met (MU)	865	989	868	317	39	3078
Hydro Gen(MU)	100	52	46	18	11	226
Wind Gen(MU)	9	31	10	-----	-----	51
Solar Gen (MU)*	2.76	10.06	15.90	0.03	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	0.051	0.00	1.03	8.37	9.40	69.49	21.11

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	5250	0	97.5	39.9	1.0	183
	Haryana	6379	0	117.8	68.3	-1.1	204
	Rajasthan	9450	373	208.9	74.1	3.1	338
	Delhi	3777	2	63.3	50.1	1.0	270
	UP	12838	800	269.1	82.1	0.7	385
	Uttarakhand	1904	0	35.2	19.0	0.1	107
	HP	1234	50	25.7	20.4	0.0	205
	J&K	2169	542	44.4	38.7	2.0	256
WR	Chandigarh	222	0	3.7	3.7	0.0	38
	Chhattisgarh	3099	0	66.4	8.3	-1.2	490
	Gujarat	12839	0	274.6	83.6	-2.0	608
	MP	10189	0	200.3	122.8	-2.7	221
	Maharashtra	20239	0	407.9	143.5	3.7	660
	Goa	420	0	8.9	8.3	0.0	76
	DD	291	0	6.5	6.5	0.1	40
	DNH	729	0	16.6	16.7	-0.1	49
SR	Essar steel	636	0	7.6	7.0	0.6	175
	Andhra Pradesh	7077	0	153.8	6.0	3.7	1959
	Telangana	8154	0	157.7	71.4	0.1	653
	Karnataka	9048	0	199.1	71.5	3.6	539
	Kerala	3515	0	64.2	54.4	2.2	259
	Tamil Nadu	13430	0	287.3	153.6	1.9	683
	Pondy	310	0	6.2	6.5	-0.3	36
	ER	Bihar	3624	-3545	59.2	57.6	-0.8
DVC		2376	-2345	56.9	-35.7	-2.6	240
Jharkhand		1105	-1009	19.6	13.8	0.1	155
Odisha		3819	-3802	70.9	19.0	2.2	300
West Bengal		6455	-5975	107.8	19.4	4.9	280
Sikkim		122	-108	2.1	1.6	0.5	21
NER	Arunachal Pradesh	100	4	2.3	1.8	0.5	10
	Assam	1388	3	21.5	15.2	2.3	150
	Manipur	144	4	2.5	2.2	0.3	24
	Meghalaya	290	0	5.0	4.3	0.1	3
	Mizoram	81	2	1.6	1.1	0.5	25
	Nagaland	104	3	2.1	1.7	0.4	11
	Tripura	208	0	3.7	1.1	1.0	27

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.1	-7.6	-10.2
Day peak (MW)	183.9	-332.3	-601.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	205.3	-207.8	81.9	-78.8	4.2	4.8
Actual(MU)	194.8	-217.2	86.0	-80.3	8.6	-8.0
O/D/U/D(MU)	-10.5	-9.4	4.1	-1.4	4.4	-12.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6754	11051	3510	2220	422	23957
State Sector	10495	20566	6322	5764	110	43257
Total	17249	31617	9832	7984	531	67214

*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 :	11-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	606	0.0	12.1	-12.1	
2		SASARAM-FATEHPUR	S/C	83	262	0.0	2.4	-2.4	
3		GAYA-BALIA	S/C	0	493	0.0	8.0	-8.0	
4	HVDC LINK	PUSAULI B/B	S/C	3	247	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	107	212	0.0	1.6	-1.6	
6		PUSAULI-ALLAHABAD	S/C	210	50	1.7	0.0	1.7	
7		MUZAFFARPUR-GORAKHPUR	D/C	76	306	0.0	4.3	-4.3	
8		PATNA-BALIA	Q/C	0	851	0.0	15.2	-15.2	
9		BIHARSHARIFF-BALIA	D/C	22	215	0.0	0.9	-0.9	
10		BARH-GORAKHPUR	D/C	0	290	0.0	11.5	-11.5	
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	3.9	-3.9	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	152	0.0	2.8	-2.8	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.3	0.0	0.3	
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						2.0	62.6	-60.6	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	787	0.0	12.9	-12.9	
18		NEW RANCHI-DHARAMJAIGARH	D/C	357	195	1.4	0.0	1.4	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	124	36	0.6	0.0	0.6	
20		JHARSUGUDA-RAIGARH	S/C	106	8	0.8	0.0	0.8	
21		IBEUL-RAIGARH	S/C	118	4	1.2	0.0	1.2	
22		STERLITE-RAIGARH	D/C	0	227	0.0	2.9	-2.9	
23		RANCHI-SIPAT	D/C	241	4	2.7	0.0	2.7	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	7	110	0.0	1.0	-1.0	
25		BUDHIPADAR-KORBA	D/C	178	0	2.7	0.0	2.7	
ER-WR						9.5	16.8	-7.3	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	305	0.0	14.8	-14.8	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2453	0.0	44.6	-44.6	
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	59.4	-59.4	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	D/C	467	235	0.8	0.0	1	
32		ALIPURDUAR-BONGAIGAON	D/C	317	190	1.9	0.0	2	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.2	0.0	0	
ER-NER						2.9	0.0	2.9	
Import/Export of NR (With NER)									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	11.8	11.8	
NR-NER						0.0	11.8	11.8	
Import/Export of WR (With NR)									
35	HVDC	V'CHAL B/B	D/C	500	50	8.5	0.2	8.2	
36	HVDC	APL-MHG	D/C	0	2518	0.0	57.0	-57.0	
37	765 KV	GWALIOR-AGRA	D/C	0	3142	0.0	61.3	-61.3	
38	765 KV	PHAGI-GWALIOR	D/C	0	1900	0.0	35.8	-35.8	
39	400 KV	ZERDA-KANKROLI	S/C	227	87	1.3	0.0	1.3	
40	400 KV	ZERDA -BHINMAL	S/C	140	223	0.0	1.1	-1.1	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	530	0	7	-7	
43	220 KV	BADOD-KOTA	S/C	68	0	1.0	0.0	1.0	
44		BADOD-MORAK	S/C	21	22	0.1	0.2	-0.1	
45		MEHGAON-AURAIYA	S/C	71	0	1.1	0.0	1.1	
46		MALANPUR-AURAIYA	S/C	25	7	0.2	0.0	0.2	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						12.2	162.2	-150.0	
Import/Export of WR (With SR)									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.1	-23.1	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2237	0.0	43.0	-43.0	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	301	0.0	4.8	-4.8	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	263	0.0	5.6	-5.6	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	62	0	1.2	0.0	1.2	
WR-SR						1.2	76.5	-75.3	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						3.1	
55		NEPAL						-7.6	
56		BANGLADESH						-10.2	