



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: 03rd 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 02.01.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02 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 02 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

3-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42018	42803	36558	16788	2228	140395
Peak Shortage (MW)	910	11	0	0	55	976
Energy Met (MU)	849	992	837	318	37	3033
Hydro Gen(MU)	101	41	45	22	11	220
Wind Gen(MU)	5	27	13	-----	-----	45
Solar Gen (MU)*	0.08	9.34	15.90	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	0.054	0.00	0.12	8.10	8.22	64.40	27.38

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	5113	0	96.4	37.5	0.7	224
	Haryana	6132	0	110.4	76.9	-0.2	256
	Rajasthan	9601	0	198.9	72.7	1.3	299
	Delhi	3514	0	59.0	47.5	-0.1	241
	UP	13437	0	277.4	86.8	-0.3	293
	Uttarakhand	1716	0	32.0	15.9	0.4	156
	HP	1302	0	25.2	20.7	-0.4	161
	J&K	2178	545	46.0	38.6	3.5	276
WR	Chandigarh	204	0	3.4	3.8	-0.4	6
	Chhattisgarh	3080	0	68.2	7.2	-0.5	364
	Gujarat	12983	0	271.7	80.5	-4.1	402
	MP	10340	0	207.6	119.9	-2.1	479
	Maharashtra	20278	0	403.1	121.8	1.5	530
	Goa	437	0	8.7	7.8	0.3	67
	DD	276	0	5.7	5.8	0.0	31
	DNH	687	0	15.2	15.4	-0.2	54
SR	Essar steel	731	0	12.3	12.0	0.3	178
	Andhra Pradesh	6734	0	144.8	10.3	0.1	934
	Telangana	7695	0	152.6	67.4	2.2	327
	Karnataka	9348	0	193.0	66.6	5.5	795
	Kerala	3404	0	63.0	51.5	2.5	279
	Tamil Nadu	13209	0	277.6	142.0	2.7	545
	Pondy	310	0	6.1	6.5	-0.4	20
	Bihar	3538	0	61.3	58.9	-2.4	62
ER	DVC	2490	0	57.4	-26.0	-0.2	241
	Jharkhand	1115	0	22.0	14.8	-0.3	178
	Odisha	4097	0	74.8	26.5	1.6	347
	West Bengal	6296	0	100.5	22.6	1.0	205
	Sikkim	94	0	1.5	1.4	0.1	5
NER	Arunachal Pradesh	90	6	2.0	1.7	0.2	17
	Assam	1355	8	21.1	15.2	1.6	131
	Manipur	145	1	2.3	2.2	0.1	34
	Meghalaya	265	0	4.6	3.7	0.0	34
	Mizoram	76	4	1.3	1.3	0.0	4
	Nagaland	115	1	2.1	1.7	0.4	18
	Tripura	216	1	3.8	0.9	1.2	57

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.2	-5.3	-10.5
Day peak (MW)	283.0	13.9	-609.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	190.9	-194.6	68.4	-70.0	3.7	-1.6
Actual(MU)	184.1	-195.2	78.1	-75.9	6.7	-2.2
O/D/U/D(MU)	-6.8	-0.6	9.7	-5.9	3.0	-0.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6044	11676	2760	1100	422	22002
State Sector	11580	18194	8072	6474	110	44430
Total	17624	29870	10832	7574	531	66432

*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 :	3-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	428	0.0	14.1	-14.1	
2		SASARAM-FATEHPUR	S/C	0	322	0.0	4.7	-4.7	
3		GAYA-BALIA	S/C	0	343	0.0	6.6	-6.6	
4	HVDC LINK	PUSAULI B/B	S/C	4	0	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	35	43	0.1	0.0	0.1	
6		PUSAULI -ALLAHABAD	S/C	149	0	2.5	0.0	2.5	
7		MUZAFFARPUR-GORAKHPUR	D/C	17	447	0.0	6.8	-6.8	
8		PATNA-BALIA	Q/C	0	882	0.0	18.1	-18.1	
9		BIHARSHARIFF-BALIA	D/C	13	282	0.0	4.2	-4.2	
10		BARH-GORAKHPUR	D/C	0	576	0.0	12.3	-12.3	
11	BIHARSHARIFF-VARANASI	D/C	32	0	0.0	3.7	-3.7		
12	220 KV	PUSAULI-SAHUPURI	S/C	0	166	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	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						2.9	73.3	-70.4	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	161	846	0.0	10.8	-10.8	
18		NEW RANCHI-DHARAMJAIGARH	D/C	455	105	2.5	0.0	2.5	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	177	26	0.9	0.0	0.9	
20		JHARSUGUDA-RAIGARH	S/C	186	0	1.7	0.0	1.7	
21		IBEUL-RAIGARH	S/C	131	0	1.2	0.0	1.2	
22		STERLITE-RAIGARH	D/C	179	255	0.0	0.1	-0.1	
23		RANCHI-SIPAT	D/C	282	9	1.9	0.0	1.9	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	37	65	0.0	0.4	-0.4	
25		BUDHIPADAR-KORBA	D/C	192	0	3.5	0.0	3.5	
ER-WR						11.6	11.3	0.3	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	439	0.0	14.9	-14.9	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2354	0.0	40.4	-40.4	
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	55.3	-55.3	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	D/C	388	214	1.4	0.0	1	
32		ALIPURDUAR-BONGAIGAON	D/C	263	178	3.2	0.0	3	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.3	0.0	0	
ER-NER						4.9	0.0	4.9	
Import/Export of NR (With NER)									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.4	12.4	
NR-NER						0.0	12.4	12.4	
Import/Export of WR (With NR)									
35	HVDC	V'CHAL B/B	D/C	500	0	9.9	0.0	9.9	
36	HVDC	APL -MHG	D/C	0	2217	0.0	53.5	-53.5	
37	765 KV	GWALIOR-AGRA	D/C	0	2928	0.0	57.2	-57.2	
38	765 KV	PHAGI-GWALIOR	D/C	0	1638	0.0	33.0	-33.0	
39	400 KV	ZERDA-KANKROLI	S/C	207	77	1.2	0.0	1.2	
40	400 KV	ZERDA -BHINMAL	S/C	167	221	0.0	1.4	-1.4	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	-540	0	7	-7	
43	220 KV	BADOD-KOTA	S/C	89	0	1.2	0.0	1.2	
44		BADOD-MORAK	S/C	43	44	0.2	0.3	-0.1	
45		MEHGAON-AURAIYA	S/C	54	0	1.1	0.0	1.1	
46		MALANPUR-AURAIYA	S/C	27	1	0.3	0.0	0.3	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						14.0	152.5	-138.5	
Import/Export of WR (With SR)									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2281	0.0	42.1	-42.1	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	176	0.0	2.1	-2.1	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	272	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	1.5	0.0	1.5	
WR-SR						1.5	73.8	-72.3	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						4.2	
55		NEPAL						-5.3	
56		BANGLADESH						-7.8	