



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: 03nd Feb 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 02.02.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02 फरवरी 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 02st Feb 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-Feb-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39889	44314	37401	17377	2317	141298
Peak Shortage (MW)	701	66	0	200	49	1016
Energy Met (MU)	829	1040	875	328	39	3111
Hydro Gen(MU)	112	54	50	19	11	245
Wind Gen(MU)	11	22	31	-----	-----	64
Solar Gen (MU)*	2.62	11.62	17.70	0.03	0.03	32

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	0.032	0.00	0.00	4.47	4.47	78.76	16.77

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	4969	0	92.9	38.1	0.3	239
	Haryana	6096	0	110.3	77.5	4.1	412
	Rajasthan	9560	161	197.9	67.8	3.5	329
	Delhi	3568	27	62.9	51.1	-0.4	188
	UP	11764	0	256.9	95.4	0.7	230
	Uttarakhand	1803	0	34.0	20.2	0.0	93
	HP	1423	0	25.3	19.9	0.4	142
	J&K	2115	529	45.2	38.5	0.6	108
WR	Chandigarh	210	0	3.5	3.7	-0.1	13
	Chhattisgarh	3282	0	75.0	16.2	-0.5	367
	Gujarat	13087	0	284.4	83.0	-1.2	609
	MP	9705	0	202.5	109.4	-4.1	280
	Maharashtra	21050	0	437.8	168.8	3.2	475
	Goa	459	0	9.1	8.5	0.0	29
	DD	294	0	6.7	6.6	0.1	45
	DNH	732	0	16.5	16.6	-0.2	22
SR	Essar steel	570	0	8.8	7.5	1.2	285
	Andhra Pradesh	6895	0	155.4	26.3	3.2	439
	Telangana	8297	0	167.9	72.8	1.9	383
	Karnataka	9542	0	210.3	78.0	4.7	380
	Kerala	3417	0	66.7	56.0	2.3	227
	Tamil Nadu	12707	0	268.0	137.4	1.1	834
	Pondy	303	0	6.2	6.3	-0.1	38
	ER	Bihar	3592	0	62.2	59.4	1.1
DVC		2916	0	63.2	-36.1	-2.8	210
Jharkhand		1104	0	22.1	16.3	1.5	145
Odisha		3727	0	68.3	11.4	1.4	280
West Bengal		6767	0	110.9	19.2	-0.2	300
NER	Sikkim	89	0	1.4	1.6	-0.2	21
	Arunachal Pradesh	118	5	1.9	1.9	0.0	15
	Assam	1364	26	22.1	16.9	1.2	113
	Manipur	150	0	2.3	2.3	0.0	9
	Meghalaya	284	0	5.3	4.6	0.3	25
	Mizoram	91	2	1.5	1.2	0.2	22
	Nagaland	109	2	1.9	1.8	-0.1	46
Tripura	214	1	3.7	2.9	0.5	38	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.3	-8.2	-12.7
Day peak (MW)	157.2	-394.1	-598.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	194.0	-195.8	73.0	-77.0	4.7	-1.2
Actual(MU)	195.2	-208.2	72.2	-69.2	5.9	-4.1
O/D/U/D(MU)	1.2	-12.4	-0.8	7.8	1.2	-2.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6466	12551	3050	2220	232	24519
State Sector	11465	18863	8172	5144	110	43754
Total	17931	31414	11222	7364	342	68273

*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 :	3-Feb-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	394	0.0	13.3	-13.3	
2		SASARAM-FATEHPUR	S/C	209	33	1.5	0.0	1.5	
3		GAYA-BALIA	S/C	0	404	0.0	8.4	-8.4	
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	5.8	-5.8	
5	400 KV	PUSAULI-SARNATH	S/C	0	236	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	77	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	187	371	0.0	4.6	-4.6	
8		PATNA-BALIA	Q/C	0	1134	0.0	19.9	-19.9	
9		BIHARSHARIFF-BALIA	D/C	16	244	0.0	3.7	-3.7	
10	400 KV	BARH-GORAKHPUR	D/C	0	597	0.0	9.5	-9.5	
11		BIHARSHARIFF-VARANASI	D/C	19	0	0.0	0.6	-0.6	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	179	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	0.9	0.0	0.9	
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						2.5	68.8	-66.4	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	405	338	1.3	0.0	1.3	
18		NEW RANCHI-DHARAMJAIGARH	D/C	437	27	5.5	0.0	5.5	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	150	0	1.9	0.0	1.9	
20		JHARSUGUDA-RAIGARH	S/C	173	0	2.9	0.0	2.9	
21		IBEUL-RAIGARH	S/C	125	0	2.1	0.0	2.1	
22		STERLITE-RAIGARH	D/C	7	161	0.0	2.0	-2.0	
23		RANCHI-SIPAT	D/C	407	0	6.0	0.0	6.0	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	105	0.0	1.2	-1.2	
25		BUDHIPADAR-KORBA	D/C	171	0	3.0	0.0	3.0	
ER-WR						22.7	3.2	19.5	
Import/Export of ER (With SR)									
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	19.7	-19.7	
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	257.9	0.0	9.4	-9.4	
28		TALCHER-KOLAR BIPOLE	D/C	0.0	2454.5	0.0	46.2	-46.2	
29	400 KV	TALCHER-1/C	D/C	542.5	358.4	5.3	0.3	5.1	
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	75.3	-75.3	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	0.0	0	
32		ALIPURDUAR-BONGAIGAON	D/C	509	316	1.4	0.0	1	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	348	246	3.3	0.0	3	
ER-NER						4.7	0.0	4.7	
Import/Export of NR (With NER)									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.0	12.0	
NR-NER						0.0	12.0	12.0	
Import/Export of WR (With NR)									
35	HVDC	V'CHAL B/B	D/C	500	0	9.7	0.0	9.7	
36	HVDC	APL-MHG	D/C	0	2418	0.0	52.7	-52.7	
37	765 KV	GWALIOR-AGRA	D/C	0	2970	0.0	62.8	-62.8	
38	765 KV	PHAGI-GWALIOR	D/C	0	1490	0.0	28.1	-28.1	
39	400 KV	ZERDA-KANKROLI	S/C	178	51	1.2	0.0	1.2	
40	400 KV	ZERDA -BHINMAL	S/C	200	197	0.0	0.8	-0.8	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	422	0	7	-7	
43	220 KV	BADOD-KOTA	S/C	14	47	0.0	0.4	-0.4	
44		BADOD-MORAK	S/C	0	83	0.0	1.4	-1.4	
45		MEHGAON-AURAIYA	S/C	28	4	0.4	0.0	0.4	
46		MALANPUR-AURAIYA	S/C	0	26	0.0	0.3	-0.3	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						11.3	153.4	-142.1	
Import/Export of WR (With SR)									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	14.4	-14.4	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	1673	0.0	27.1	-27.1	
51	400 KV	KOLHAPUR-KUDGI	D/C	112	156	0.5	1.2	-0.7	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	277	0.0	5.8	-5.8	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	94	0	1.7	0.0	1.7	
WR-SR						2.2	48.5	-46.3	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						2.3	
55		NEPAL						-8.2	
56		BANGLADESH						-9.3	