



National Load Despatch Centre
पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
POWER SYSTEM OPERATION CORPORATION LIMITED
(Government of India Enterprise)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 21st 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 20.02.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 20 फरवरी 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 20th Feb 2017, 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

21-Feb-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41340	45374	37817	16511	2157	143199
Peak Shortage (MW)	499	46	0	0	176	721
Energy Met (MU)	872	1068	903	336	38	3217
Hydro Gen(MU)	139	41	71	21	4	275
Wind Gen(MU)	19	64	10	-----	-----	93
Solar Gen (MU)*	0.17	12.00	19.00	0.05	0.01	31

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	0.42	9.21	9.63	73.48	16.89

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	6541	0	110.9	57.2	-0.8	211
	Haryana	6050	0	118.5	92.6	-0.8	172
	Rajasthan	9701	0	204.4	61.5	2.0	435
	Delhi	3303	0	60.1	49.7	-1.0	186
	UP	12670	0	275.2	101.3	1.1	369
	Uttarakhand	1817	0	34.0	19.4	-1.3	89
	HP	1361	0	24.7	17.2	0.6	103
	J&K	1896	474	40.6	34.7	-4.1	42
WR	Chhattisgarh	186	0	3.3	3.6	-0.3	14
	Gujarat	3421	0	80.1	28.8	0.3	383
	MP	13496	0	298.0	78.4	-1.4	786
	Maharashtra	10352	0	190.9	112.1	-3.2	144
	Goa	21818	0	457.3	158.2	-0.7	435
	DD	472	0	9.9	8.5	0.9	128
	DNH	314	0	6.9	6.6	0.3	21
	Essar steel	742	0	16.9	16.9	0.1	29
SR	Andhra Pradesh	691	0	8.3	8.8	-0.4	151
	Telangana	7117	0	158.8	26.8	2.8	500
	Karnataka	8436	0	171.9	74.5	1.1	297
	Kerala	9477	0	211.5	78.8	2.2	347
	Tamil Nadu	3630	0	66.8	53.8	2.2	489
	Pondy	13552	0	287.9	153.6	2.0	576
	Bihar	315	0	6.2	6.4	-0.2	33
	DVC	2838	0	62.1	-37.9	-4.1	250
ER	Jharkhand	1124	0	21.2	15.9	1.0	150
	Odisha	3916	0	70.2	14.8	-0.7	350
	West Bengal	6919	0	119.2	20.2	0.4	310
	Sikkim	96	0	1.6	1.5	0.1	25
	Arunachal Pradesh	105	4	2.2	1.9	0.3	28
NER	Assam	1216	177	21.7	16.7	1.1	220
	Manipur	141	3	2.2	2.5	-0.3	16
	Meghalaya	276	0	5.7	4.8	0.0	48
	Mizoram	83	1	1.4	1.2	0.1	26
	Nagaland	113	3	1.8	1.8	-0.1	30
	Tripura	211	0	2.9	2.8	0.1	10

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.6	-8.6	-14.0
Day peak (MW)	136.7	-395.2	-608.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	191.7	-195.7	83.1	-77.2	4.3	6.2
Actual(MU)	190.6	-199.3	85.2	-82.6	4.6	-1.5
O/D/U/D(MU)	-1.1	-3.6	2.1	-5.4	0.3	-7.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5575	11031	2270	950	194	20020
State Sector	12245	17703	7822	4794	110	42674
Total	17820	28734	10092	5744	303	62694

*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 : 21-Feb-17
								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	391	0.0	14.3	-14.3
2		SASARAM-FATEHPUR	S/C	116	95	0.2	0.0	0.2
3		GAYA-BALIA	S/C	0	402	0.0	8.0	-8.0
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	5.9	-5.9
5	400 KV	PUSAULI-SARNATH	S/C	0	184	0.0	0.0	0.0
6		PUSAULI-ALLAHABAD	S/C	0	93	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	12	360	0.0	4.8	-4.8
8		PATNA-BALIA	Q/C	0	868	0.0	19.0	-19.0
9		BIHARSHARIFF-BALIA	D/C	0	252	0.0	4.1	-4.1
10		BARH-GORAKHPUR	D/C	0	573	0.0	11.5	-11.5
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.6	-1.6
12	220 KV	PUSAULI-SAHUPURI	S/C	0	222	0.0	4.2	-4.2
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						0.8	73.4	-72.6
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	173	408	0.0	1.1	-1.1
18		NEW RANCHI-DHARAMJAIGARH	D/C	311	67	4.1	0.0	4.1
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	125	0	1.4	0.0	1.4
20		JHARSUGUDA-RAIGARH	S/C	152	0	2.4	0.0	2.4
21		IBEUL-RAIGARH	S/C	109	0	1.7	0.0	1.7
22		STERLITE-RAIGARH	D/C	0	181	0.0	2.6	-2.6
23		RANCHI-SIPAT	D/C	321	0	4.1	0.0	4.1
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	143	0.0	1.9	-1.9
25		BUDHIPADAR-KORBA	D/C	171	0	2.2	0.0	2.2
ER-WR						15.8	5.6	10.2
Import/Export of ER (With SR)								
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.1	-13.1
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	278.2	0.0	11.6	-11.6
28	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2352.9	0.0	45.2	-45.2
29		TALCHER-I/C	D/C	574.0	458.0	0.9	0.6	0.3
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						0.0	69.9	-69.9
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	464	503	0.6	0.0	1
33	220 KV	ALIPURDUAR-SALAKATI	D/C	303	399	0.3	0.0	0
ER-NER						0.9	0.0	0.9
Import/Export of NR (With NER)								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	9.4	-9.4
NR-NER						0.0	9.4	-9.4
Import/Export of WR (With NR)								
35	HVDC	CHAMPA-KURUKSHETRA	D/C	0	0	0.0	0.0	0.0
36		V'CHAL B/B	D/C	500	0	7.7	0.0	7.7
37		APL -MHG	D/C	0	2518	0.0	52.7	-52.7
38	765 KV	GWALIOR-AGRA	D/C	0	2734	0.0	58.5	-58.5
39		PHAGI-GWALIOR	D/C	0	1370	0.0	27.3	-27.3
40	400 KV	ZERDA-KANKROLI	S/C	245	44	2.4	0.0	2.4
41		ZERDA -BHINMAL	S/C	127	217	0.0	0.1	-0.1
42		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
43		RAPP-SHUALPUR	D/C	0	352	0	5	-5
44	220 KV	BADOD-KOTA	S/C	49	24	0.3	0.1	0.2
45		BADOD-MORAK	S/C	10	71	0.0	0.9	-0.9
46		MEHGAON-AURAIYA	S/C	72	0	1.3	0.0	1.3
47	132KV	MALANPUR-AURAIYA	S/C	32	6	0.4	0.0	0.3
48		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						12.1	144.3	-132.3
Import/Export of WR (With SR)								
49	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.0	-23.0
50	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
51		SOLAPUR-RAICHUR	D/C	0	1832	0.0	33.1	-33.1
52	400 KV	KOLHAPUR-KUDGI	D/C	60	246	3.2	0.1	3.1
53	220 KV	KOLHAPUR-CHIKODI	D/C	0	276	0.0	5.9	-5.9
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
55		XELDEM-AMBEWADI	S/C	93	0	1.6	0.0	1.6
WR-SR						4.7	62.0	-57.3
TRANSNATIONAL EXCHANGE								
56		BHUTAN						1.6
57		NEPAL						-8.6
58		BANGLADESH						-9.8