



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: 22nd 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, शिलोंग - 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 21.02.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21 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 21st 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

22-Feb-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41416	44898	38527	16843	2101	143785
Peak Shortage (MW)	1036	45	0	0	186	1267
Energy Met (MU)	894	1067	925	341	34	3261
Hydro Gen(MU)	142	35	65	23	3	268
Wind Gen(MU)	9	53	12	-----	-----	75
Solar Gen (MU)*	3.37	12.28	18.30	0.04	0.01	34

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	0.039	0.00	0.06	7.27	7.33	77.41	15.27

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	6245	0	114.5	58.4	0.9	213
	Haryana	6233	0	121.7	95.6	0.4	165
	Rajasthan	10132	0	210.7	72.0	4.3	401
	Delhi	3309	0	61.2	50.0	-0.5	174
	UP	13066	0	280.9	102.8	1.7	313
	Uttarakhand	1736	0	32.4	17.6	-1.0	113
	HP	1399	0	25.9	18.2	0.8	96
	J&K	2098	524	43.2	33.0	0.2	283
WR	Chhattisgarh	186	0	3.3	3.6	-0.3	7
	Gujarat	3453	0	81.2	27.4	-0.8	112
	MP	13157	0	294.1	80.3	-2.9	423
	Maharashtra	10012	0	197.6	111.9	-2.2	262
	Goa	21148	0	450.9	154.0	-0.1	491
	DD	470	0	10.1	8.4	1.0	113
	DNH	314	0	7.1	6.7	0.4	29
	Essar steel	739	0	16.9	17.1	-0.2	23
SR	Andhra Pradesh	393	0	8.8	8.4	0.4	165
	Telangana	7120	0	161.7	25.7	2.5	500
	Karnataka	8411	0	175.4	84.8	1.3	236
	Kerala	9527	0	213.8	78.0	2.4	332
	Tamil Nadu	3662	0	68.9	57.1	2.3	300
	Pondy	13954	0	299.0	158.4	1.5	590
ER	Bihar	319	0	6.4	6.6	-0.1	36
	DVC	3533	0	61.0	61.0	0.1	220
	Jharkhand	2959	0	60.5	-39.1	-2.3	260
	Odisha	1119	0	21.2	16.7	0.3	120
	West Bengal	3910	0	74.2	17.6	0.9	300
	Sikkim	7455	0	122.2	21.3	0.9	280
NER	Arunachal Pradesh	93	0	1.7	1.7	0.0	24
	Assam	103	3	2.0	1.9	0.2	28
	Manipur	1197	167	18.7	13.3	1.5	220
	Meghalaya	131	1	1.8	2.3	-0.5	16
	Mizoram	273	0	5.0	4.5	-0.4	48
	Nagaland	84	1	1.3	1.2	0.1	26
	Tripura	113	1	1.9	1.7	0.1	30

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.7	-8.4	-13.5
Day peak (MW)	141.8	-384.3	-605.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	192.9	-213.5	98.4	-73.6	3.6	7.8
Actual(MU)	191.9	-208.1	103.2	-84.3	3.1	5.7
O/D/U/D(MU)	-1.0	5.3	4.8	-10.7	-0.5	-2.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6230	11031	2770	600	394	21025
State Sector	12385	18661	7822	4794	110	43772
Total	18615	29692	10592	5394	503	64797

*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 : 22-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	422	0.0	13.2	-13.2
2		SASARAM-FATEHPUR	S/C	100	111	0.0	0.2	-0.2
3		GAYA-BALIA	S/C	0	352	0.0	6.2	-6.2
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	5.9	-5.9
5	400 KV	PUSAULI-SARNATH	S/C	0	186	0.0	0.0	0.0
6		PUSAULI-ALLAHABAD	S/C	0	104	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	28	344	0.0	5.9	-5.9
8		PATNA-BALIA	Q/C	0	855	0.0	16.2	-16.2
9		BIHARSHARIFF-BALIA	D/C	0	205	0.0	3.7	-3.7
10		BARH-GORAKHPUR	D/C	0	541	0.0	11.4	-11.4
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.9	-1.9
12	220 KV	PUSAULI-SAHUPURI	S/C	0	221	0.0	4.3	-4.3
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.7	0.0	0.7
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						0.7	68.6	-68.0
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	483	175	2.2	0.0	2.2
18		NEW RANCHI-DHARAMJAIGARH	D/C	387	124	3.1	0.0	3.1
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	121	0	1.8	0.0	1.8
20		JHARSUGUDA-RAIGARH	S/C	163	0	2.9	0.0	2.9
21		IBEUL-RAIGARH	S/C	115	0	2.1	0.0	2.1
22		STERLITE-RAIGARH	D/C	24	130	0.0	1.7	-1.7
23		RANCHI-SIPAT	D/C	385	0	5.5	0.0	5.5
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	126	0.0	1.8	-1.8
25		BUDHIPADAR-KORBA	D/C	199	0	2.9	0.0	2.9
ER-WR						20.3	3.5	16.9
Import/Export of ER (With SR)								
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.2	-14.2
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	309.3	0.0	12.1	-12.1
28	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2457.2	0.0	51.8	-51.8
29		TALCHER-I/C	D/C	614.8	562.1	1.0	0.5	0.5
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						0.0	78.1	-78.1
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	512	535	0.8	0.0	1
33	220 KV	ALIPURDUAR-SALAKATI	D/C	340	408	0.2	0.0	0
ER-NER						1.0	0.0	1.0
Import/Export of NR (With NER)								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	8.1	-8.1
NR-NER						0.0	8.1	-8.1
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	48.2	-48.2
38	765 KV	GWALIOR-AGRA	D/C	0	2890	0.0	57.0	-57.0
39		PHAGI-GWALIOR	D/C	0	1416	0.0	29.2	-29.2
40	400 KV	ZERDA-KANKROLI	S/C	167	33	1.3	0.0	1.3
41		ZERDA -BHINMAL	S/C	101	163	0.0	1.4	-1.4
42		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
43		RAPP-SHUJALPUR	D/C	0	369	0	6	-6
44	220 KV	BADOD-KOTA	S/C	50	17	0.4	0.1	0.3
45		BADOD-MORAK	S/C	12	41	0.0	0.4	-0.4
46		MEHGAON-AURAIYA	S/C	94	0	1.5	0.0	1.5
47	132KV	MALANPUR-AURAIYA	S/C	44	0	0.6	0.0	0.6
48		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						11.4	141.8	-130.4
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	115	400	0.0	4.6	-4.6
53	220 KV	KOLHAPUR-CHIKODI	D/C	0	280	0.0	5.9	-5.9
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
55		XELDEM-AMBEWADI	S/C	89	0	1.7	0.0	1.7
WR-SR						1.7	66.6	-64.9
TRANSNATIONAL EXCHANGE								
56		BHUTAN						2.7
57		NEPAL						-8.4
58		BANGLADESH						-9.5