



National Load Despatch Centre
राष्ट्रीय भार प्रेषण केंद्र
POWER SYSTEM OPERATION CORPORATION LIMITED
पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(Government of India Enterprise/ भारत सरकार का उद्यम)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016
बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 20th Feb 2018

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, 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. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतेह, लोअर नोंग्रह , लापलंग, शिलोंग - 793006
Executive Director, 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 18.02.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19-Feb - 2018 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 19th Feb 2018, is available at the NLDC website.

धन्यवाद,

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

20-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41324	43741	42829	18195	2373	148463
Peak Shortage (MW)	521	32	0	250	25	828
Energy Met (MU)	879	1034	967	360	41	3280
Hydro Gen(MU)	98	38	53	29	7	225
Wind Gen(MU)	2	16	42	-----	-----	60
Solar Gen (MU)*	8.63	17.41	51.49	1.40	0.02	79
Energy Shortage (MU)	15.1	0.0	1.4	0.8	0.3	17.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44117	48202	43952	18231	2319	150967

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	0.17	12.51	12.69	82.52	4.79

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)	Energy Shortage (MU)
NR	Punjab	5455	0	109.4	30.3	0.0	114	0.0
	Haryana	6205	0	118.3	73.3	1.6	199	0.0
	Rajasthan	9960	507	198.9	68.7	3.3	547	5.8
	Delhi	3539	0	61.1	49.0	-1.3	175	0.0
	UP	14128	300	283.1	97.5	1.9	476	0.0
	Uttarakhand	1888	0	34.7	25.9	0.6	145	0.0
	HP	1500	0	25.8	21.6	0.2	243	0.0
	J&K	2085	368	44.2	41.1	-1.1	105	9.2
WR	Chandigarh	195	0	3.1	3.2	0.0	20	0.0
	Chhattisgarh	3259	0	71.4	11.4	-1.1	-10	0.0
	Gujarat	14399	0	304.6	122.2	5.1	364	0.0
	MP	9581	0	184.7	98.0	-1.6	341	0.0
	Maharashtra	21051	0	428.7	120.0	1.2	526	0.0
	Goa	449	0	9.9	8.5	0.9	108	0.0
	DD	326	0	7.1	6.7	0.5	94	0.0
	DNH	758	0	17.6	16.5	1.1	72	0.0
SR	Essar steel	474	0	9.7	9.8	-0.1	156	0.0
	Andhra Pradesh	8637	0	174.4	49.7	-0.8	595	0.3
	Telangana	9803	0	200.6	100.7	-0.2	352	0.2
	Karnataka	9765	0	213.1	90.5	-0.9	433	0.3
	Kerala	3627	0	70.8	54.5	1.2	216	0.1
	Tamil Nadu	13968	0	301.4	164.4	1.7	596	0.5
ER	Pondy	341	0	6.9	7.3	-0.4	36	0.0
	Bihar	4109	0	66.6	59.4	0.9	412	0.0
	DVC	2745	100	68.3	-46.9	0.2	385	0.8
	Jharkhand	1058	0	22.0	14.9	1.0	145	0.0
	Odisha	4085	0	79.0	34.8	4.4	485	0.0
	West Bengal	6720	0	122.6	21.4	1.2	456	0.0
	Sikkim	98	0	1.5	1.4	0.1	20	0.0
NER	Arunachal Pradesh	104	2	2.3	1.8	0.5	79	0.1
	Assam	1415	14	23.0	18.7	1.3	100	0.2
	Manipur	178	3	2.6	2.6	0.1	12	0.0
	Meghalaya	305	1	5.6	3.2	-0.1	52	0.0
	Mizoram	85	2	1.5	0.7	0.0	28	0.0
	Nagaland	115	2	2.2	1.8	0.3	66	0.0
Tripura	235	3	3.4	2.1	0.0	45	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.4	-9.2	-12.8
Day peak (MW)	115.7	-453.2	-623.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	180.5	-201.0	111.6	-95.3	3.5	-0.8
Actual(MU)	174.4	-195.5	97.5	-83.0	4.2	-2.4
O/D/U/D(MU)	-6.2	5.5	-14.1	12.4	0.7	-1.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4997	15961	5602	1080	328	27968
State Sector	10140	18685	5220	5435	50	39530
Total	15137	34646	10822	6515	378	67498

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	522	1118	608	437	10	2695
Hydro	95	37	53	29	7	221
Nuclear	29	11	55	0	0	96
Gas, Naptha & Diesel	21	48	20	0	23	111
RES (Wind, Solar, Biomass & Others)	40	34	140	3	0	215
Total	706	1249	875	469	40	3338

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 20-Feb-18
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	417	0.0	11.5	-11.5
2		SASARAM-FATEHPUR	S/C	0	249	0.0	2.0	-2.0
3		GAYA-BALIA	S/C	0	371	0.0	6.0	-6.0
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.6	-4.6
6	400 kV	PUSAULI-VARANASI	S/C	0	133	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	123	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	525	0.0	8.6	-8.6
9		PATNA-BALIA	Q/C	0	910	0.0	16.6	-16.6
10		BIHARSHARIFF-BALIA	D/C	0	348	0.0	5.8	-5.8
11		MOTIHARI-GORAKHPUR	D/C	0	343	0.0	5.7	-5.7
12		BIHARSHARIFF-VARANASI	D/C	0	49	0.0	3.7	-3.7
13	220 kV	PUSAULI-SAHUPURI	S/C	0	176	0.0	3.3	-3.3
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						0.5	67.8	-67.3
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	3.9	0.0	3.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	608	0.0	4.1	-4.1
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	382	0.3	0.0	0.3
21		RANCHI-SIPAT	D/C	0	160	0.0	0.0	0.0
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	117	0.0	0.3	-0.3
23		BUDHIPADAR-KORBA	D/C	0	0	1.8	0.0	1.8
ER-WR						6.1	4.4	1.7
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.1	-10.1
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	347.1	0.0	16.3	-16.3
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2254.7	0.0	47.9	-47.9
27	400 kV	TALCHER-I/C	D/C	0.0	0.0	11.7	0.6	11.1
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	74.3	-74.3
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	79	4.1	0.0	4
30		ALIPURDUAR-BONGAIGAON	D/C	0	101	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.2	0
ER-NER						8.0	0.2	7.8
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	690	0	16.5	0.0	16.5
NER-NR						16.5	0.0	16.5
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1472	0.0	58.5	-58.5
34		V'CHAL B/B	D/C	250	0	6.0	0.0	6.0
35		APL -MHG	D/C	0	809	0.0	17.3	-17.3
36	765 kV	GWALIOR-AGRA	D/C	0	2746	0.0	52.6	-52.6
37		PHAGI-GWALIOR	D/C	478	1526	0.0	27.6	-27.6
38	400 kV	ZERDA-KANKROLI	S/C	251	0	3.2	0.0	3.2
39		ZERDA -BHINMAL	S/C	173	70	0.7	0.0	0.7
40		V'CHAL -RIHAND	S/C	958	0	22.4	0.0	22.4
41		RAPP-SHUJALPUR	D/C	0	445	0	4	-4
42		BADOD-KOTA	S/C	62	2	0.6	0.0	0.6
43	220 kV	BADOD-MORAK	S/C	31	28	0.1	0.2	-0.1
44		MEHGAON-AURAIYA	S/C	86	0	1.5	0.0	1.5
45		MALANPUR-AURAIYA	S/C	46	14	0.6	0.0	0.6
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						35.3	160.0	-124.7
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
48	LINK	176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	383	1688	0.0	15.8	-15.8
50		WARDHA-NIZAMABAD	D/C	0	2321	0.0	39.0	-39.0
51	400 kV	KOLHAPUR-KUDGI	D/C	708	5	6.7	0.0	6.7
52	220 kV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	109	0	2.2	0.0	2.2
WR-SR						8.9	78.7	-69.8
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.4
56		NEPAL						-9.2
57		BANGLADESH						-12.8