



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: 14th 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., डोंगतिह, 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 13.02.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 13-Feb - 2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 13th 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

14-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40150	40491	40718	18418	2413	142190
Peak Shortage (MW)	521	30	0	0	44	595
Energy Met (MU)	847	964	947	358	41	3157
Hydro Gen(MU)	92	25	48	24	7	197
Wind Gen(MU)	8	41	32	-----	-----	81
Solar Gen (MU)*	8.53	16.12	41.46	0.49	0.02	67
Energy Shortage (MU)	9.5	0.0	0.0	0.0	0.4	9.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42737	45103	44198	18503	2365	145792

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	0.05	6.72	6.77	82.09	11.13

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	4824	0	96.3	31.1	-0.1	248	0.0
	Haryana	6156	0	116.2	74.2	1.0	203	0.0
	Rajasthan	10714	0	206.2	72.9	-0.1	510	0.0
	Delhi	3780	0	63.7	50.5	-1.2	143	0.0
	UP	13827	290	257.7	86.9	-0.3	431	0.0
	Uttarakhand	1970	0	36.6	28.6	0.1	107	0.0
	HP	1429	0	26.8	23.3	-0.3	163	0.1
	J&K	2191	548	39.7	38.7	-2.8	69	9.4
WR	Chhattisgarh	2861	0	65.6	-6.0	1.0	152	0.0
	Gujarat	13380	0	286.3	117.9	2.5	337	0.0
	MP	8608	0	165.9	81.9	-3.0	447	0.0
	Maharashtra	19803	0	401.4	122.1	0.5	308	0.0
	Goa	442	0	9.6	9.0	0.0	37	0.0
	DD	295	0	5.8	5.5	0.4	43	0.0
	DNH	734	0	17.4	16.9	0.5	51	0.0
	Essar steel	582	0	12.4	12.2	0.2	212	0.0
SR	Andhra Pradesh	8591	0	172.1	51.9	0.9	543	0.0
	Telangana	9499	0	189.3	87.1	0.5	520	0.0
	Karnataka	10212	0	214.5	102.9	-1.1	488	0.0
	Kerala	3473	0	70.3	56.7	1.5	204	0.0
	Tamil Nadu	14381	0	293.9	167.4	0.8	548	0.0
	Pondy	334	0	6.9	7.3	-0.5	19	0.0
ER	Bihar	4055	0	66.6	61.1	-0.9	236	0.0
	DVC	2982	0	68.2	-42.0	-1.9	100	0.0
	Jharkhand	1086	0	23.5	16.1	0.1	78	0.0
	Odisha	4132	0	76.4	32.6	3.2	368	0.0
	West Bengal	6672	0	121.8	15.4	1.4	290	0.0
	Sikkim	112	0	1.6	1.4	0.2	20	0.0
NER	Arunachal Pradesh	114	2	2.2	1.7	0.6	44	0.0
	Assam	1425	14	24.0	19.6	1.6	104	0.2
	Manipur	186	2	2.4	2.6	-0.2	17	0.0
	Meghalaya	312	0	5.3	3.4	-0.2	38	0.0
	Mizoram	84	5	1.6	0.7	0.1	24	0.0
	Nagaland	119	4	2.0	1.9	-0.1	40	0.0
Tripura	226	2	3.4	1.9	0.3	43	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.1	-7.9	-12.4
Day peak (MW)	111.8	-426.1	-618.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	192.7	-239.6	131.4	-88.8	3.2	-1.0
Actual(MU)	176.4	-241.9	134.2	-80.6	4.5	-7.3
O/D/U/D(MU)	-16.3	-2.3	2.8	8.2	1.3	-6.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4717	13441	4002	1280	338	23778
State Sector	10415	18208	5633	4735	50	39041
Total	15132	31649	9635	6015	388	62819

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	507	1086	577	437	9	2617
Hydro	92	24	48	24	7	196
Nuclear	29	24	69	0	0	122
Gas, Naptha & Diesel	21	43	18	0	23	106
RES (Wind, Solar, Biomass & Others)	43	57	119	2	0	221
Total	692	1235	832	463	40	3262

*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(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 14-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	370	0.0	9.0	-9.0
2		SASARAM-FATEHPUR	S/C	0	188	0.4	0.0	0.4
3		GAYA-BALIA	S/C	0	334	0.0	4.8	-4.8
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	387	0.0	9.6	-9.6
6	400 kV	PUSAULI-VARANASI	S/C	0	278	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	182	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	342	0.0	5.3	-5.3
9		PATNA-BALIA	Q/C	0	950	0.0	14.6	-14.6
10		BIHARSHARIFF-BALIA	D/C	0	281	0.0	4.9	-4.9
11		MOTHARI-GORAKHPUR	D/C	0	0	0.0	5.8	-5.8
12	220 kV	BIHARSHARIFF-VARANASI	D/C	0	184	0.0	1.2	-1.2
13		PUSAULI-SAHUPURI	S/C	0	154	0.0	2.9	-2.9
14		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.2	0.0	0.2
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17	132 kV	KARMANASA-CHANDAUJI	S/C	0	0	0.0	0.0	0.0
ER-NR						0.6	58.0	-57.4
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.4	0.0	10.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	560	0.0	4.9	-4.9
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	6.1	0.0	6.1
21		RANCHI-SIPAT	D/C	0	134	0.4	0.0	0.4
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	151	0.0	2.0	-2.0
23		BUDHIPADAR-KORBA	D/C	0	0	3.9	0.0	3.9
ER-WR						20.9	6.9	13.9
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	23.7	-23.7
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	340.2	0.0	16.0	-16.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2241.2	0.0	49.5	-49.5
27	400 kV	TALCHER-I/C	D/C	0.0	213.8	8.0	0.9	7.0
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	89.2	-89.2
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	303	2.8	0.0	3
30		ALIPURDUAR-BONGAIGAON	D/C	0	275	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.6	-1
ER-NER						6.7	0.6	6.1
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	685	0	12.3	0.0	12.3
NER-NR						12.3	0.0	12.3
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1519	0.0	55.7	-55.7
34		V'CHAL B/B	D/C	250	50	4.9	0.1	4.8
35		APL -MHG	D/C	0	1110	0.0	18.4	-18.4
36	765 kV	GWALIOR-AGRA	D/C	0	2850	0.0	56.8	-56.8
37		PHAGI-GWALIOR	D/C	487	1780	0.0	31.7	-31.7
38	400 kV	ZERDA-KANKROLI	S/C	196	80	2.4	0.0	2.4
39		ZERDA -BHINMAL	S/C	142	249	0.2	0.0	0.2
40		V'CHAL -RIHAND	S/C	976	0	21.5	0.0	21.5
41		RAPP-SHUJALPUR	D/C	0	537	0	4	-4
42	220 kV	BADOD-KOTA	S/C	54	16	0.4	0.0	0.4
43		BADOD-MORAK	S/C	19	56	0.0	0.5	-0.5
44		MEHGAON-AURAIYA	S/C	88	0	1.4	0.0	1.4
45		MALANPUR-AURAIYA	S/C	48	0	0.6	0.0	0.6
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						31.3	166.8	-135.4
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.6	-23.6
48	LINK	176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1597	0.0	29.7	-29.7
50		WARDHA-NIZAMABAD	D/C	0	2197	0.0	43.3	-43.3
51	400 kV	KOLHAPUR-KUDGI	D/C	415	185	3.3	0.7	2.6
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	89	0	1.3	0.0	1.3
WR-SR						4.6	97.3	-92.8
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.1
56		NEPAL						-7.9
57		BANGLADESH						-12.4