



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 Mar 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 19.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19-Mar-2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 Mar 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-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41630	45323	41413	20375	2268	151009
Peak Shortage (MW)	573	89	0	0	75	737
Energy Met (MU)	916	1087	960	391	39	3393
Hydro Gen(MU)	101	29	51	31	8	220
Wind Gen(MU)	10	48	25	-----	-----	83
Solar Gen (MU)*	6.67	14.28	53.10	0.94	0.02	75
Energy Shortage (MU)	11.3	0.0	0.0	0.0	0.7	12.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44296	49066	42058	20629	2274	155181

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	0.037	0.00	0.00	8.73	8.73	79.91	11.37

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	6121	0	126.1	29.3	-0.4	95	0.0
	Haryana	6378	0	128.2	49.0	2.3	291	0.0
	Rajasthan	9630	0	187.4	44.0	-0.6	310	0.0
	Delhi	3446	0	67.6	56.7	-0.8	153	0.0
	UP	14957	0	300.1	108.5	0.5	431	0.0
	Uttarakhand	1769	0	34.6	27.4	0.3	122	0.0
	HP	1417	3	24.9	19.9	0.6	118	0.9
	J&K	2105	526	43.9	39.2	-0.8	79	10.4
WR	Chandigarh	171	0	3.1	3.0	0.1	25	0.0
	Chhattisgarh	3761	0	85.0	23.4	-1.3	37	0.0
	Gujarat	14763	0	322.0	161.4	4.1	694	0.0
	MP	8636	0	177.4	80.1	-1.2	314	0.0
	Maharashtra	21629	0	455.1	133.0	-0.1	457	0.0
	Goa	512	0	10.3	9.4	0.3	48	0.0
	DD	330	0	7.3	6.9	0.4	48	0.0
	DNH	758	0	16.9	16.4	0.5	93	0.0
SR	Essar steel	635	0	13.5	13.1	0.4	185	0.0
	Andhra Pradesh	7734	6	164.5	39.7	-1.0	643	0.0
	Telangana	9631	27	210.4	94.4	1.7	409	0.0
	Karnataka	8738	24	193.1	77.4	1.7	434	0.0
	Kerala	3626	0	70.8	52.9	1.2	252	0.0
	Tamil Nadu	14195	0	314.0	151.0	-0.3	388	0.0
ER	Pondy	345	1	7.2	7.7	-0.5	30	0.0
	Bihar	4296	0	74.5	69.8	-1.8	200	0.0
	DVC	3014	0	67.8	-50.8	0.3	400	0.0
	Jharkhand	1192	0	24.2	13.8	0.2	180	0.0
	Odisha	4430	0	80.4	32.4	2.5	500	0.0
	West Bengal	8002	0	143.4	30.8	2.6	490	0.0
NER	Sikkim	101	0	1.2	1.2	0.0	25	0.0
	Arunachal Pradesh	109	6	2.2	1.8	0.4	31	0.0
	Assam	1297	25	20.9	17.7	0.1	94	0.6
	Manipur	172	5	2.2	2.5	-0.3	20	0.0
	Meghalaya	308	9	5.0	3.1	0.0	35	0.0
	Mizoram	84	2	1.4	1.0	0.3	31	0.0
NER	Nagaland	117	1	2.6	1.8	0.6	17	0.0
	Tripura	244	1	4.1	3.3	0.6	32	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.7	-10.3	-14.7
Day peak (MW)	140.8	-487.0	-643.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	140.0	-148.0	93.3	-85.4	2.1	2.0
Actual(MU)	135.5	-149.3	84.4	-75.5	2.7	-2.3
O/D/U/D(MU)	-4.5	-1.4	-8.9	9.9	0.6	-4.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5260	13521	3320	1780	220	24101
State Sector	7555	18783	5342	4775	50	36505
Total	12815	32304	8662	6555	269	60605

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	594	1074	632	458	10	2768
Hydro	101	29	51	31	8	220
Nuclear	28	24	46	0	0	98
Gas, Naptha & Diesel	29	54	21	0	23	127
RES (Wind, Solar, Biomass & Others)	45	62	134	2	0	243
Total	797	1243	884	491	40	3455

*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 : 20-Mar-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	307	0.0	4.3	-4.3
2		SASARAM-FATEHPUR	S/C	0	23	1.5	0.0	1.5
3		GAYA-BALIA	S/C	0	351	0.0	6.0	-6.0
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	12.2	-12.2
5		PUSAULI B/B	S/C	0	198	0.0	5.6	-5.6
6	400 kV	PUSAULI-VARANASI	S/C	0	175	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	97	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	210	0.0	0.9	-0.9
9		PATNA-BALIA	Q/C	0	749	0.0	13.1	-13.1
10		BIHARSHARIFF-BALIA	D/C	0	124	0.0	3.7	-3.7
11		MOTHARI-GORAKHPUR	D/C	0	299	0.0	5.0	-5.0
12		BIHARSHARIFF-VARANASI	D/C	0	425	1.0	0.0	1.0
13		220 kV	PUSAULI-SAHUPURI	S/C	0	170	0.0	3.1
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7
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						3.2	53.7	-50.5
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.3	0.0	11.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	340	0.0	2.0	-2.0
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	170	2.0	0.0	2.0
21		RANCHI-SIPAT	D/C	0	95	1.2	0.0	1.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	133	0.0	2.0	-2.0
23		BUDHIPADAR-KORBA	D/C	0	0	1.8	0.0	1.8
ER-WR						16.3	4.0	12.3
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	24.6	-24.6
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	202.5	0.0	13.6	-13.6
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2112.0	0.0	41.4	-41.4
27	400 kV	TALCHER-I/C	D/C	0.0	422.8	2.7	5.9	-3.3
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	79.6	-79.6
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	999	0.0	4.4	-4
30		ALIPURDUAR-BONGAIGAON	D/C	0	865	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.2	-1
ER-NER						3.9	5.7	-1.8
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	0.0	0.0
NER-NR						0.0	0.0	0.0
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1117	0.0	47.9	-47.9
34		V'CHAL B/B	D/C	50	250	0.8	2.0	-1.3
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2548	0.0	50.4	-50.4
37		PHAGI-GWALIOR	D/C	479	1066	0.0	19.0	-19.0
38	400 kV	ZERDA-KANKROLI	S/C	488	0	8.1	0.0	8.1
39		ZERDA -BHINMAL	S/C	466	0	6.7	0.0	6.7
40		V'CHAL -RIHAND	S/C	960	0	22.5	0.0	22.5
41		RAPP-SHUJALPUR	D/C	0	233	0	1	-1
42		BADOD-KOTA	S/C	0	0	0.0	0.0	0.0
43	220 kV	BADOD-MORAK	S/C	43	20	0.3	0.1	0.1
44		MEHGAON-AURAIYA	S/C	82	0	1.3	0.0	1.3
45		MALANPUR-AURAIYA	S/C	44	0	0.5	0.0	0.5
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						40.3	128.3	-88.1
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	748	726	0.0	4.8	-4.8
50		WARDHA-NIZAMABAD	D/C	0	1700	0.0	27.3	-27.3
51	400 kV	KOLHAPUR-KUDGI	D/C	498	0	6.6	0.0	6.6
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	104	0	1.9	0.0	1.9
WR-SR						8.5	56.1	-47.5
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.7
56		NEPAL						-10.3
57		BANGLADESH						-14.7