



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: 19th 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 18.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18-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 18th 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 19-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	39333	41914	37911	19386	2027	140571
Peak Shortage (MW)	514	20	0	0	85	619
Energy Met (MU)	878	1058	882	382	35	3235
Hydro Gen(MU)	97	18	40	30	8	192
Wind Gen(MU)	6	45	29	-----	-----	80
Solar Gen (MU)*	9.93	17.66	52.31	0.98	0.02	81
Energy Shortage (MU)	11.4	0.0	0.0	0.0	1.3	12.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42409	46764	39683	19716	2084	145626

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	0.022	0.00	0.00	1.85	1.85	85.64	12.51

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	6223	0	123.2	28.4	-0.5	64	0.1
	Haryana	5651	100	120.5	48.8	2.1	206	0.3
	Rajasthan	9482	0	176.0	47.4	1.1	306	0.0
	Delhi	3112	0	61.9	50.8	-0.5	135	0.0
	UP	14837	0	293.3	102.5	0.0	854	0.0
	Uttarakhand	1761	0	32.8	26.0	-0.1	105	0.0
	HP	1402	0	24.3	19.0	1.0	155	0.7
	J&K	2153	538	43.5	39.2	-0.7	206	10.3
WR	Chandigarh	157	0	2.7	2.7	0.0	28	0.0
	Chhattisgarh	3638	0	83.5	24.1	-1.7	51	0.0
	Gujarat	14251	0	313.7	153.3	1.1	372	0.0
	MP	8628	0	176.5	78.0	-3.0	331	0.0
	Maharashtra	20098	0	435.5	128.1	0.9	401	0.0
	Goa	473	0	9.6	8.6	0.3	93	0.0
	DD	300	0	7.0	6.8	0.2	52	0.0
	DNH	740	0	17.4	16.6	0.8	61	0.0
SR	Essar steel	662	0	14.3	13.3	1.0	201	0.0
	Andhra Pradesh	7482	0	151.1	41.6	-0.7	624	0.0
	Telangana	9280	0	198.2	86.8	-0.7	409	0.0
	Karnataka	8620	0	185.2	74.6	-3.4	218	0.0
	Kerala	3049	0	64.4	53.8	1.5	501	0.0
	Tamil Nadu	12241	0	276.6	144.9	-0.8	540	0.0
ER	Pondy	300	0	6.6	7.2	-0.6	28	0.0
	Bihar	4206	0	76.7	69.9	0.2	70	0.0
	DVC	2968	0	67.1	-44.1	-0.7	190	0.0
	Jharkhand	1181	0	23.3	13.7	0.1	112	0.0
	Odisha	4051	0	77.8	29.9	2.4	710	0.0
	West Bengal	7486	0	136.2	28.0	2.0	265	0.0
NER	Sikkim	91	0	1.3	1.5	-0.2	15	0.0
	Arunachal Pradesh	95	5	2.1	1.8	0.3	51	0.0
	Assam	1147	23	18.4	16.1	-0.3	136	1.1
	Manipur	143	7	2.1	2.5	-0.4	28	0.0
	Meghalaya	275	5	5.3	3.5	-0.1	67	0.0
	Mizoram	72	6	1.3	1.0	0.3	21	0.0
NER	Nagaland	102	11	2.1	1.9	0.0	24	0.0
	Tripura	216	4	3.8	3.2	0.2	75	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.0	-7.9	-10.6
Day peak (MW)	164.8	-448.5	-668.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	134.7	-148.0	136.6	-81.0	2.6	44.9
Actual(MU)	130.2	-146.5	124.3	-72.8	1.6	36.7
O/D/U/D(MU)	-4.5	1.4	-12.3	8.2	-1.0	-8.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5391	15581	5852	1580	220	28623
State Sector	8640	17863	3983	4775	50	35311
Total	14031	33444	9835	6355	269	63934

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	566	1059	592	441	8	2665
Hydro	97	18	40	30	8	192
Nuclear	28	24	47	0	0	98
Gas, Naptha & Diesel	26	52	47	0	21	145
RES (Wind, Solar, Biomass & Others)	44	62	91	2	0	200
Total	760	1214	817	473	38	3302

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

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 19-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	361	0.0	4.4	-4.4
2		SASARAM-FATEHPUR	S/C	0	125	1.9	0.0	1.9
3		GAYA-BALIA	S/C	0	342	0.0	5.5	-5.5
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	5.9	-5.9
5		PUSAULI B/B	S/C	0	198	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	0	181	0.0	2.9	-2.9
7		PUSAULI -ALLAHABAD	S/C	0	107	0.0	1.7	-1.7
8		MUZAFFARPUR-GORAKHPUR	D/C	0	405	0.0	2.6	-2.6
9		PATNA-BALIA	Q/C	0	889	0.0	14.2	-14.2
10		BIHARSHARIFF-BALIA	D/C	0	248	0.0	2.8	-2.8
11		MOTHARI-GORAKHPUR	D/C	0	303	0.0	5.3	-5.3
12		BIHARSHARIFF-VARANASI	D/C	0	439	0.0	0.3	-0.3
13	220 kV	PUSAULI-SAHUPURI	S/C	0	165	0.0	3.1	-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						2.6	48.7	-46.0
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	7.5	0.0	7.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	389	0.0	0.5	-0.5
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	193	1.4	0.0	1.4
21		RANCHI-SIPAT	D/C	0	93	1.0	0.0	1.0
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	126	0.0	1.8	-1.8
23		BUDHIPADAR-KORBA	D/C	0	0	3.7	0.0	3.7
ER-WR						13.6	2.3	11.3
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	23.3	-23.3
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	347.1	0.0	14.9	-14.9
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2111.1	0.0	47.0	-47.0
27	400 kV	TALCHER-I/C	D/C	0.0	436.6	4.2	1.9	2.3
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	85.2	-85.2
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	983	0.0	0.8	-1
30		ALIPURDUAR-BONGAIGAON	D/C	0	850	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.7	-1
ER-NER						3.9	1.5	2.4
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	464	4.8	0.0	4.8
NER-NR						4.8	0.0	4.8
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1148	0.0	47.4	-47.4
34		V'CHAL B/B	D/C	250	0	4.5	0.0	4.5
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2594	0.0	51.5	-51.5
37		PHAGI-GWALIOR	D/C	481	1214	0.0	21.8	-21.8
38	400 kV	ZERDA-KANKROLI	S/C	432	0	7.1	0.0	7.1
39		ZERDA -BHINMAL	S/C	344	0	5.1	0.0	5.1
40		V'CHAL -RIHAND	S/C	963	0	22.2	0.0	22.2
41		RAPP-SHUJALPUR	D/C	0	294	0	2	-2
42	220 kV	BADOD-KOTA	S/C	100	1	1.1	0.0	1.0
43		BADOD-MORAK	S/C	46	33	0.3	0.2	0.1
44		MEHGAON-AURAIYA	S/C	87	0	1.2	0.0	1.2
45		MALANPUR-AURAIYA	S/C	45	7	0.5	0.0	0.5
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						41.9	130.3	-88.4
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.8	-23.8
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	762	811	0.0	3.1	-3.1
50		WARDHA-NIZAMABAD	D/C	0	1756	0.0	27.0	-27.0
51	400 kV	KOLHAPUR-KUDGI	D/C	666	0	8.3	0.0	8.3
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	106	0	2.1	0.0	2.1
WR-SR						10.4	54.0	-43.5
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.0
56		NEPAL						-7.9
57		BANGLADESH						-10.6