



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: 7th 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 06.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 06-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 6th 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

7-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	39713	45947	43744	19808	2157	151369
Peak Shortage (MW)	1125	91	0	0	216	1432
Energy Met (MU)	889	1093	1028	378	34	3423
Hydro Gen(MU)	109	28	76	31	7	251
Wind Gen(MU)	7	30	39	-----	-----	76
Solar Gen (MU)*	7.38	19.09	55.92	0.82	0.02	83
Energy Shortage (MU)	11.5	0.0	1.7	0.0	1.8	14.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44278	49366	45136	19970	2067	155291

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	0.050	0.00	0.02	15.28	15.30	79.63	5.07

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	6118	0	125.5	25.8	0.5	126	0.0
	Haryana	6375	413	126.5	67.2	1.9	243	0.3
	Rajasthan	9832	319	194.1	57.0	2.3	462	0.8
	Delhi	3256	0	61.9	52.0	-1.0	163	0.0
	UP	13699	0	274.8	91.3	0.9	668	0.0
	Uttarakhand	1789	0	34.0	24.1	0.5	198	0.0
	HP	1461	0	25.4	20.0	0.6	113	0.2
	J&K	2171	543	43.6	38.0	0.1	235	10.3
WR	Chandigarh	232	0	3.1	3.0	0.2	73	0.0
	Chhattisgarh	3661	0	80.3	33.1	-1.2	100	0.0
	Gujarat	14244	0	317.3	139.1	5.6	456	0.0
	MP	9336	0	188.8	86.0	-4.3	235	0.0
	Maharashtra	21437	0	461.9	136.1	1.0	368	0.0
	Goa	567	0	10.1	9.1	1.0	78	0.0
	DD	331	0	7.4	6.4	1.1	117	0.0
	DNH	760	0	17.7	16.7	1.0	81	0.0
SR	Essar steel	474	0	9.7	9.5	0.3	197	0.0
	Andhra Pradesh	8865	0	178.1	46.2	-0.3	964	0.3
	Telangana	10044	0	217.9	104.5	0.0	375	0.3
	Karnataka	10397	0	229.6	82.6	-0.5	592	0.4
	Kerala	3861	0	76.9	49.7	1.7	289	0.1
	Tamil Nadu	14570	0	318.9	165.6	1.5	740	0.6
ER	Pondy	345	0	7.2	7.5	-0.3	22	0.0
	Bihar	4134	0	68.1	64.4	-1.2	200	0.0
	DVC	2950	0	67.7	-38.5	-2.6	220	0.0
	Jharkhand	1176	0	23.5	13.6	0.2	48	0.0
	Odisha	4244	0	80.2	33.3	0.8	225	0.0
	West Bengal	7221	0	136.9	27.0	1.9	220	0.0
NER	Sikkim	84	0	1.6	1.5	0.1	10	0.0
	Arunachal Pradesh	64	41	1.3	1.9	-0.6	59	0.2
	Assam	1268	151	19.1	17.1	-0.8	146	1.4
	Manipur	141	3	2.0	2.3	-0.3	22	0.0
	Meghalaya	318	1	5.0	3.2	-0.1	57	0.0
	Mizoram	79	2	1.4	1.1	0.3	34	0.0
NER	Nagaland	115	2	2.0	1.7	0.0	40	0.0
	Tripura	244	1	3.5	3.2	0.0	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.0	-9.8	-14.0
Day peak (MW)	209.5	-271.9	-645.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	130.1	-152.6	116.4	-95.5	2.6	0.9
Actual(MU)	124.9	-155.3	121.3	-94.1	-0.3	-3.6
O/D/U/D(MU)	-5.3	-2.7	4.9	1.4	-2.9	-4.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4762	15036	6002	480	268	26549
State Sector	9420	18733	5160	5165	50	38528
Total	14182	33769	11162	5645	318	65076

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	587	1114	641	463	10	2814
Hydro	109	28	76	31	6	251
Nuclear	24	24	46	0	0	94
Gas, Naptha & Diesel	20	55	19	0	23	117
RES (Wind, Solar, Biomass & Others)	43	50	142	2	0	235
Total	782	1271	925	495	39	3512

*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(ग्रिड०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 7-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	342	0.0	4.6	-4.6
2		SASARAM-FATEHPUR	S/C	0	180	0.0	0.6	-0.6
3		GAYA-BALIA	S/C	0	290	0.0	4.5	-4.5
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9
6	400 kV	PUSAULI-VARANASI	S/C	0	163	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	98	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	376	0.0	4.8	-4.8
9		PATNA-BALIA	Q/C	0	880	0.0	14.6	-14.6
10		BIHARSHARIFF-BALIA	D/C	0	208	0.0	3.1	-3.1
11		MOTHARI-GORAKHPUR	D/C	0	334	0.0	6.0	-6.0
12		BIHARSHARIFF-VARANASI	D/C	0	180	0.0	1.3	-1.3
13	220 kV	PUSAULI-SAHUPURI	S/C	0	164	0.0	3.2	-3.2
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						0.7	47.6	-46.9
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.5	0.0	10.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	550	0.0	6.1	-6.1
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	188	0.0	1.2	-1.2
21		RANCHI-SIPAT	D/C	0	134	0.0	0.9	-0.9
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	146	0.0	2.1	-2.1
23		BUDHIPADAR-KORBA	D/C	0	0	0.0	2.4	-2.4
ER-WR						10.5	12.7	-2.2
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	31.0	-31.0
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	288.4	0.0	13.4	-13.4
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2045.6	0.0	48.9	-48.9
27	400 kV	TALCHER-I/C	D/C	0.0	844.8	3.3	0.6	2.6
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	93.3	-93.3
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	881	0.5	0.0	1
30		ALIPURDUAR-BONGAIGAON	D/C	0	720	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.6	-1
ER-NER						4.4	0.6	3.8
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	489	500	2.0	0.0	2.0
NER-NR						2.0	0.0	2.0
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1068	0.0	36.8	-36.8
34		V'CHAL B/B	D/C	250	0	3.0	0.0	3.0
35		APL -MHG	D/C	0	709	0.0	15.6	-15.6
36	765 kV	GWALIOR-AGRA	D/C	0	2402	0.0	45.1	-45.1
37		PHAGI-GWALIOR	D/C	0	1242	0.0	23.0	-23.0
38	400 kV	ZERDA-KANKROLI	S/C	405	0	7.0	0.0	7.0
39		ZERDA -BHINMAL	S/C	408	0	5.8	0.0	5.8
40		V'CHAL -RIHAND	S/C	0	488	22.8	0.0	22.8
41		RAPP-SHUJALPUR	D/C	0	336	0	3	-3
42	220 kV	BADOD-KOTA	S/C	84	0	0.9	0.0	0.9
43		BADOD-MORAK	S/C	53	22	0.2	0.2	0.0
44		MEHGAON-AURAIYA	S/C	86	0	1.5	0.0	1.5
45		MALANPUR-AURAIYA	S/C	51	0	0.6	0.0	0.6
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						41.7	123.5	-81.8
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.4	-21.4
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	342	1442	0.0	18.3	-18.3
50		WARDHA-NIZAMABAD	D/C	0	2241	0.0	42.8	-42.8
51	400 kV	KOLHAPUR-KUDGI	D/C	523	0	5.5	0.0	5.5
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						7.7	82.5	-74.8
TRANSNATIONAL EXCHANGE								
55		BHUTAN						3.0
56		NEPAL						-9.8
57		BANGLADESH						-14.0