



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: 10th 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 09.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09-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 9th 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

10-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	39634	45114	43770	19208	2343	150069
Peak Shortage (MW)	1693	110	297	0	98	2197
Energy Met (MU)	909	1087	1037	386	39	3459
Hydro Gen(MU)	107	35	88	28	6	265
Wind Gen(MU)	19	32	32	-----	-----	83
Solar Gen (MU)*	14.53	18.23	51.81	1.23	0.02	86
Energy Shortage (MU)	31.3	0.0	2.9	0.0	0.7	35.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43756	49354	46561	19296	2366	155145

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	0.099	0.01	3.80	29.09	32.89	64.27	2.84

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	6032	100	126.3	24.7	-0.4	194	0.0
	Haryana	6066	50	128.4	74.4	3.6	335	7.5
	Rajasthan	10561	0	208.4	52.9	1.9	533	1.5
	Delhi	3432	0	65.2	53.3	-0.9	254	0.0
	UP	12616	120	272.2	102.1	1.4	684	11.9
	Uttarakhand	1818	0	35.1	24.5	1.9	102	0.0
	HP	1489	0	26.5	20.0	1.8	140	0.1
	J&K	2133	533	44.1	38.5	0.4	281	10.4
WR	Chandigarh	184	0	3.1	2.8	0.3	20	0.0
	Chhattisgarh	3647	0	83.0	22.0	-1.6	31	0.0
	Gujarat	14417	0	322.9	153.5	1.5	463	0.0
	MP	8969	0	183.8	89.4	-1.8	269	0.0
	Maharashtra	21235	0	453.3	135.9	1.0	543	0.0
	Goa	493	0	9.9	9.5	0.2	95	0.0
	DD	337	0	7.4	6.3	1.1	112	0.0
	DNH	744	0	17.7	16.8	0.9	58	0.0
SR	Essar steel	456	0	9.1	9.8	-0.7	142	0.0
	Andhra Pradesh	8815	0	179.0	47.1	-1.5	309	0.5
	Telangana	10149	0	220.2	105.0	-0.5	429	0.5
	Karnataka	10545	0	236.0	79.3	-0.4	393	0.7
	Kerala	3780	0	77.7	48.3	1.3	297	0.2
	Tamil Nadu	14826	0	317.0	150.5	0.6	541	1.0
ER	Pondy	354	0	7.4	7.6	-0.3	48	0.0
	Bihar	4116	0	73.4	67.5	-1.0	180	0.0
	DVC	2964	0	66.3	-50.4	0.7	350	0.0
	Jharkhand	982	0	23.1	19.5	1.5	110	0.0
	Odisha	4091	0	77.3	30.0	0.1	279	0.0
	West Bengal	7786	0	144.6	22.7	1.2	295	0.0
NER	Sikkim	100	0	1.3	1.4	-0.1	13	0.0
	Arunachal Pradesh	121	0	2.0	1.6	0.4	59	0.0
	Assam	1386	31	22.4	18.4	1.3	146	0.7
	Manipur	172	2	2.3	2.3	0.0	22	0.0
	Meghalaya	307	0	5.1	3.1	0.0	57	0.0
	Mizoram	83	0	1.4	1.2	0.2	34	0.0
NER	Nagaland	121	3	2.1	1.7	0.2	40	0.0
	Tripura	230	0	3.9	3.1	-0.1	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.7	-9.7	-8.3
Day peak (MW)	247.7	-508.8	-623.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	136.6	-127.5	105.2	-116.1	3.3	1.5
Actual(MU)	134.5	-139.7	107.2	-110.4	3.6	-4.8
O/D/U/D(MU)	-2.1	-12.2	2.0	5.7	0.3	-6.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5395	15666	6802	480	243	28587
State Sector	12630	19874	3710	4715	50	40979
Total	18025	35540	10512	5195	293	69565

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	570	1116	692	484	11	2873
Hydro	107	35	88	28	6	265
Nuclear	23	24	24	0	0	71
Gas, Naptha & Diesel	23	49	20	0	23	115
RES (Wind, Solar, Biomass & Others)	62	50	130	3	0	245
Total	786	1275	953	516	39	3569

*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 : 10-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	477	0.0	6.5	-6.5
2		SASARAM-FATEHPUR	S/C	0	279	0.0	2.0	-2.0
3		GAYA-BALIA	S/C	0	415	0.0	6.4	-6.4
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	5.0	-5.0
6	400 kV	PUSAULI-VARANASI	S/C	0	147	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	116	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	461	0.0	6.4	-6.4
9		PATNA-BALIA	Q/C	0	1313	0.0	18.5	-18.5
10		BIHARSHARIFF-BALIA	D/C	0	356	0.0	5.5	-5.5
11		MOTHARI-GORAKHPUR	D/C	0	434	0.0	7.6	-7.6
12		BIHARSHARIFF-VARANASI	D/C	0	64	0.0	3.8	-3.8
13		220 kV	PUSAULI-SAHUPURI	S/C	0	165	0.0	2.4
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-CHANDALI	S/C	0	0	0.0	0.0	0.0
ER-NR						0.7	64.1	-63.4
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	3.4	0.0	3.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	592	0.0	7.2	-7.2
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	359	0.0	5.1	-5.1
21		RANCHI-SIPAT	D/C	0	0	0.0	0.4	-0.4
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	103	0.0	0.8	-0.8
23		BUDHIPADAR-KORBA	D/C	0	0	2.6	0.0	2.6
ER-WR						6.0	13.5	-7.5
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	27.8	-27.8
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.0	0.0	15.6	-15.6
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2101.0	0.0	48.3	-48.3
27	400 kV	TALCHER-I/C	D/C	0.0	40.8	8.0	1.0	7.0
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	91.7	-91.7
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	165	2.9	0.0	3
30		ALIPURDUAR-BONGAIGAON	D/C	0	176	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.6	-1
ER-NER						6.8	0.6	6.1
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	470	0	11.7	0.0	11.7
NER-NR						11.7	0.0	11.7
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1034	0.0	42.8	-42.8
34		V'CHAL B/B	D/C	0	0	0.0	0.0	0.0
35		APL -MHG	D/C	0	608	0.0	11.1	-11.1
36	765 kV	GWALIOR-AGRA	D/C	0	2480	0.0	49.0	-49.0
37		PHAGI-GWALIOR	D/C	483	1474	0.0	27.1	-27.1
38	400 kV	ZERDA-KANKROLI	S/C	471	0	9.0	0.0	9.0
39		ZERDA -BHINMAL	S/C	479	0	8.0	0.0	8.0
40		V'CHAL -RIHAND	S/C	969	0	22.8	0.0	22.8
41		RAPP-SHUJALPUR	D/C	0	265	0	2	-2
42	220 kV	BADOD-KOTA	S/C	116	0	1.5	0.0	1.5
43		BADOD-MORAK	S/C	76	19	0.6	0.0	0.5
44		MEHGAON-AURAIYA	S/C	84	0	1.4	0.0	1.4
45		MALANPUR-AURAIYA	S/C	46	0	0.7	0.0	0.7
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						43.9	132.0	-88.1
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.7	-23.7
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	524	1003	0.0	11.2	-11.2
50		WARDHA-NIZAMABAD	D/C	0	1868	0.0	31.4	-31.4
51	400 kV	KOLHAPUR-KUDGI	D/C	493	31	5.1	0.1	5.0
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						7.2	66.4	-59.2
TRANSNATIONAL EXCHANGE								
55		BHUTAN						1.7
56		NEPAL						-9.7
57		BANGLADESH						-8.3