



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 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 13.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 13-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 13th 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 14-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40811	46223	44165	19839	2294	153331
Peak Shortage (MW)	2060	57	0	100	116	2333
Energy Met (MU)	936	1101	1032	395	39	3502
Hydro Gen(MU)	102	22	77	28	7	235
Wind Gen(MU)	29	39	49	-----	-----	116
Solar Gen (MU)*	7.10	19.17	48.09	0.82	0.21	75
Energy Shortage (MU)	21.5	0.0	0.0	0.3	1.1	22.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44662	50356	45784	20338	2241	157501

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	0.053	0.00	1.02	13.19	14.21	80.28	5.51

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	6172	0	136.2	32.4	-0.1	143	0.0
	Haryana	6579	0	137.1	58.5	2.2	293	2.1
	Rajasthan	10407	0	199.9	43.1	1.9	551	0.2
	Delhi	3424	0	67.2	52.1	0.4	272	0.0
	UP	12835	1560	288.4	93.4	0.9	737	8.7
	Uttarakhand	1807	0	35.1	25.4	0.8	151	0.0
	HP	1396	9	25.1	20.7	0.2	140	0.1
	J&K	2012	503	43.4	38.9	-0.2	99	10.2
WR	Chandigarh	175	0	3.2	2.9	0.3	38	0.0
	Chhattisgarh	3787	0	84.1	24.2	-0.7	133	0.0
	Gujarat	14618	0	319.5	165.0	2.2	489	0.0
	MP	9129	0	187.2	95.2	-1.9	371	0.0
	Maharashtra	21816	0	465.5	149.3	-1.2	331	0.0
	Goa	462	0	9.1	10.0	-1.2	33	0.0
	DD	330	0	7.5	6.6	0.9	113	0.0
	DNH	760	0	17.8	16.9	0.9	57	0.0
SR	Essar steel	491	0	10.1	9.5	0.6	208	0.0
	Andhra Pradesh	8800	0	182.8	47.1	0.2	482	0.0
	Telangana	9938	0	216.7	103.3	-1.3	470	0.0
	Karnataka	10652	0	234.4	84.5	-2.1	367	0.0
	Kerala	3566	0	75.9	49.1	1.9	262	0.0
	Tamil Nadu	14066	0	314.4	137.4	3.0	684	0.0
ER	Pondy	353	0	7.5	7.7	-0.3	41	0.0
	Bihar	4416	0	72.8	67.3	-1.8	200	0.0
	DVC	2965	0	66.4	-56.7	-1.6	220	0.0
	Jharkhand	1146	0	23.8	14.0	0.3	85	0.3
	Odisha	4116	0	78.1	28.3	1.7	220	0.0
	West Bengal	8068	0	152.8	24.6	1.3	220	0.0
NER	Sikkim	93	0	1.4	1.3	0.1	10	0.0
	Arunachal Pradesh	122	3	2.2	1.8	0.4	59	0.0
	Assam	1406	13	22.0	19.2	0.1	146	0.8
	Manipur	159	6	2.1	2.1	-0.1	22	0.1
	Meghalaya	295	6	5.3	3.3	0.1	57	0.0
	Mizoram	77	3	1.6	0.9	0.1	34	0.0
NER	Nagaland	122	2	2.1	1.7	0.3	40	0.0
	Tripura	231	8	3.8	2.8	0.4	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.7	-9.2	-14.8
Day peak (MW)	128.5	-247.5	-656.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	127.1	-118.1	96.7	-109.5	5.4	1.6
Actual(MU)	127.4	-127.2	92.7	-102.9	5.2	-4.8
O/D/U/D(MU)	0.3	-9.2	-3.9	6.6	-0.2	-6.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5895	16036	6852	980	188	29952
State Sector	9575	19096	3820	3485	50	36026
Total	15470	35132	10672	4465	238	65977

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	604	1086	674	496	9	2869
Hydro	102	22	77	28	7	235
Nuclear	23	24	40	0	0	87
Gas, Naptha & Diesel	26	53	20	0	23	122
RES (Wind, Solar, Biomass & Others)	64	58	143	2	0	267
Total	819	1242	955	526	38	3580

*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 : 14-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	396	0.0	5.6	-5.6
2		SASARAM-FATEHPUR	S/C	0	99	0.7	0.0	0.7
3		GAYA-BALIA	S/C	0	403	0.0	6.2	-6.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.8	-4.8
6	400 kV	PUSAULI-VARANASI	S/C	0	163	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	104	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	424	0.0	5.2	-5.2
9		PATNA-BALIA	Q/C	0	929	0.0	18.2	-18.2
10		BIHARSHARIFF-BALIA	D/C	0	332	0.0	5.7	-5.7
11		MOTIHARI-GORAKHPUR	D/C	0	307	0.0	5.7	-5.7
12		BIHARSHARIFF-VARANASI	D/C	0	116	0.0	2.6	-2.6
13	220 kV	PUSAULI-SAHUPURI	S/C	0	169	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	0.6	0.0	0.6
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						1.3	57.0	-55.7
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	0.9	0.0	0.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	601	0.0	7.0	-7.0
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	349	0.0	5.3	-5.3
21		RANCHI-SIPAT	D/C	0	146	0.0	0.4	-0.4
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	160	0.0	1.9	-1.9
23		BUDHIPADAR-KORBA	D/C	0	0	2.7	0.0	2.7
ER-WR						3.6	14.7	-11.1
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	345.7	0.0	18.0	-18.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2246.0	0.0	45.8	-45.8
27	400 kV	TALCHER-I/C	D/C	0.0	105.3	6.6	0.3	6.3
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	88.4	-88.4
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	197	2.5	0.0	2
30		ALIPURDUAR-BONGAIGAON	D/C	0	195	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.6	-1
ER-NER						6.4	0.6	5.8
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.8	0.0	11.8
NER-NR						11.8	0.0	11.8
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	16	1317	0.0	54.8	-54.8
34		V'CHAL B/B	D/C	250	0	4.3	0.0	4.3
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2396	0.0	48.4	-48.4
37		PHAGI-GWALIOR	D/C	481	1046	0.0	18.1	-18.1
38	400 kV	ZERDA-KANKROLI	S/C	453	0	7.6	0.0	7.6
39		ZERDA -BHINMAL	S/C	497	0	7.3	0.0	7.3
40		V'CHAL -RIHAND	S/C	963	0	22.8	0.0	22.8
41		RAPP-SHUJALPUR	D/C	20	332	0	4	-4
42		BADOD-KOTA	S/C	97	0	1.2	0.0	1.2
43	220 kV	BADOD-MORAK	S/C	53	29	0.4	0.2	0.2
44		MEHGAON-AURAIYA	S/C	109	0	1.9	0.0	1.9
45		MALANPUR-AURAIYA	S/C	57	0	0.9	0.0	0.9
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						46.3	132.5	-86.2
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	427	918	0.0	10.0	-10.0
50		WARDHA-NIZAMABAD	D/C	0	1685	0.0	28.6	-28.6
51	400 kV	KOLHAPUR-KUDGI	D/C	572	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	109	0	2.2	0.0	2.2
WR-SR						10.5	62.6	-52.1
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.7
56		NEPAL						-9.2
57		BANGLADESH						-14.8