



National Load Despatch Centre

राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED

पाँवर 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: 3rd 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 02.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02-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 02nd 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

3-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	34911	35955	41786	17448	2184	132284
Peak Shortage (MW)	521	0	83	0	60	663
Energy Met (MU)	805	938	987	356	38	3124
Hydro Gen(MU)	102	12	53	20	6	194
Wind Gen(MU)	11	27	45	-----	-----	83
Solar Gen (MU)*	9.05	17.92	55.87	2.28	0.02	85
Energy Shortage (MU)	9.6	0.0	0.0	0.0	0.5	10.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	37961	42724	44235	17542	2122	140470

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	0.025	0.00	0.00	2.00	2.00	82.69	15.31

C. Power Supply Position in States

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	4063	0	91.2	28.8	0.1	248	0.0
	Haryana	5509	0	101.2	56.1	0.3	184	0.0
	Rajasthan	9267	0	181.1	57.9	-1.1	370	0.0
	Delhi	2347	0	46.1	40.0	-1.2	171	0.0
	UP	14102	0	301.6	110.5	3.0	590	0.3
	Uttarakhand	1415	0	25.3	16.3	0.3	116	0.0
	HP	990	0	18.2	13.9	-0.2	157	0.0
	J&K	1919	548	38.3	35.9	-1.8	343	9.2
WR	Chhattisgarh	141	0	2.5	2.7	-0.2	29	0.0
	Chhattisgarh	2938	0	68.5	14.1	-2.0	251	0.0
	Gujarat	12014	0	241.6	113.5	0.3	372	0.0
	MP	9068	0	185.1	94.6	-1.9	259	0.0
	Maharashtra	18576	0	409.3	137.0	2.0	587	0.0
	Goa	377	0	8.3	7.7	0.0	35	0.0
	DD	275	0	3.8	3.7	0.1	43	0.0
	DNH	693	0	11.3	11.4	-0.1	49	0.0
SR	Essar steel	502	0	10.2	10.4	-0.2	207	0.0
	Andhra Pradesh	8483	0	170.5	49.3	-1.5	562	0.0
	Telangana	9632	0	203.1	92.1	-1.4	434	0.0
	Karnataka	10332	0	223.2	87.0	-1.2	832	0.0
	Kerala	3586	0	73.7	52.3	1.4	294	0.0
	Tamil Nadu	14151	0	309.5	159.2	-0.7	428	0.0
	Pondy	331	0	6.7	7.2	-0.5	25	0.0
	Bihar	3960	0	74.0	66.2	0.7	105	0.0
ER	DVC	2802	0	59.1	-40.3	0.0	150	0.0
	Jharkhand	1077	0	23.3	14.4	-0.9	30	0.0
	Odisha	4038	0	75.7	37.5	1.4	540	0.0
	West Bengal	6368	0	122.6	20.3	1.3	265	0.0
	Sikkim	79	0	1.1	1.6	-0.5	0	0.0
	Arunachal Pradesh	101	4	1.9	1.9	0.0	59	0.0
NER	Assam	1277	27	20.5	17.3	0.8	146	0.5
	Manipur	162	8	2.4	2.4	0.1	22	0.0
	Meghalaya	300	2	5.6	3.6	0.1	57	0.0
	Mizoram	85	52	1.5	1.2	0.2	34	0.0
	Nagaland	137	17	2.1	1.9	0.0	40	0.0
	Tripura	229	3	3.4	2.6	-0.2	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.6	-6.7	-11.6
Day peak (MW)	173.1	-398.6	-638.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	144.8	-180.9	120.1	-84.5	4.1	3.5
Actual(MU)	134.5	-184.3	121.0	-75.8	4.7	0.1
O/D/U/D(MU)	-10.2	-3.3	0.9	8.6	0.6	-3.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4997	15396	6052	795	215	27455
State Sector	12495	20982	3970	5205	50	42702
Total	17492	36378	10022	6000	264	70156

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	495	1035	617	430	7	2585
Hydro	102	12	53	20	6	194
Nuclear	28	24	47	0	0	98
Gas, Naptha & Diesel	14	36	20	0	23	93
RES (Wind, Solar, Biomass & Others)	48	45	147	3	0	244
Total	688	1152	884	454	36	3214

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES

Date of Reporting : 3-Mar-18

Import=(+ve)
/Export =(-ve)
for NET (MU)

Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Export of ER (With NR)								
1	765kV	GAYA-VARANASI	D/C	0	293	0.0	3.6	-3.6
2		SASARAM-FATEHPUR	S/C	0	57	0.5	0.0	0.5
3		GAYA-BALIA	S/C	0	314	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	4.8	-4.8
6	400 kV	PUSAULI-VARANASI	S/C	0	156	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	88	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	413	0.0	5.5	-5.5
9		PATNA-BALIA	Q/C	0	814	0.0	18.0	-18.0
10		BIHARSHARIFF-BALIA	D/C	0	214	0.0	3.8	-3.8
11		MOTIHARI-GORAKHPUR	D/C	0	317	0.0	5.9	-5.9
12	220 kV	BIHARSHARIFF-VARANASI	D/C	0	22	0.0	0.7	-0.7
13		PUSAULI-SAHUPURI	S/C	0	140	0.0	2.9	-2.9
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
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						0.9	49.6	-48.6
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.9	0.0	12.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	538	0.0	4.6	-4.6
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	208	0.0	1.0	-1.0
21		RANCHI-SIPAT	D/C	0	90	1.0	0.0	1.0
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	133	0.0	2.1	-2.1
23		BUDHIPADAR-KORBA	D/C	0	0	3.8	0.0	3.8
ER-WR						17.7	7.7	10.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	30.4	-30.4
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	330.7	0.0	15.3	-15.3
26		TALCHER-KOLAR BIPOLE	D/C	0.0	2270.9	0.0	44.5	-44.5
27	400 kV	TALCHER-I/C	D/C	0.0	0.0	8.2	0.8	7.4
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	90.2	-90.2
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	28	3.1	0.0	3
30		ALIPURDUAR-BONGAIGAON	D/C	0	50	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.5	0
ER-NER						7.0	0.5	6.5
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	492	0	12.8	0.0	12.8
NER-NR						12.8	0.0	12.8
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1078	0.0	54.9	-54.9
34		V'CHAL B/B	D/C	250	150	2.4	1.7	0.7
35		APL -MHG	D/C	0	508	0.0	9.9	-9.9
36	765 kV	GWALIOR-AGRA	D/C	0	2524	0.0	46.1	-46.1
37		PHAGI-GWALIOR	D/C	477	1094	0.0	22.0	-22.0
38	400 kV	ZERDA-KANKROLI	S/C	299	0	5.3	0.0	5.3
39		ZERDA -BHINMAL	S/C	290	87	3.9	0.0	3.9
40		V'CHAL -RIHAND	S/C	955	0	20.3	0.0	20.3
41		RAPP-SHUJALPUR	D/C	0	6	0	2	-2
42	220 kV	BADOD-KOTA	S/C	80	0	1.1	0.0	1.1
43		BADOD-MORAK	S/C	49	27	0.4	0.1	0.3
44		MEHGAON-AURAIYA	S/C	98	0	1.7	0.0	1.7
45	132kV	MALANPUR-AURAIYA	S/C	52	0	0.8	0.0	0.8
46		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						35.9	136.7	-100.8
Import/Export of WR (With SR)								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1451	0.0	21.6	-21.6
50		WARDHA-NIZAMABAD	D/C	0	2080	0.0	36.0	-36.0
51	400 kV	KOLHAPUR-KUDGI	D/C	361	70	2.7	0.1	2.7
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						4.9	81.7	-76.8
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.6
56		NEPAL						-6.7
57		BANGLADESH						-11.6