



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: 9th 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 08.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-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 8th 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 9-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40192	45646	44414	19553	2344	152149
Peak Shortage (MW)	1872	89	0	200	52	2213
Energy Met (MU)	909	1092	1032	389	40	3461
Hydro Gen(MU)	107	35	83	27	6	258
Wind Gen(MU)	2	28	50	-----	-----	81
Solar Gen (MU)*	19.40	17.20	54.08	0.83	0.03	92
Energy Shortage (MU)	26.6	0.0	0.0	0.6	0.4	27.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43170	48910	45280	19543	2333	155449

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	0.068	0.00	1.70	21.15	22.85	74.13	3.02

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	6226	100	127.6	27.1	-0.6	194	1.6	
	Haryana	5917	0	123.4	71.8	2.5	335	7.5	
	Rajasthan	9837	228	209.8	59.5	5.6	533	1.0	
	Delhi	3330	0	64.1	52.7	0.2	254	0.0	
	UP	12210	50	276.2	102.4	0.5	684	5.9	
	Uttarakhand	1835	0	33.9	25.0	0.0	102	0.0	
	HP	1475	0	25.9	20.1	0.9	140	0.0	
	J&K	2289	572	45.0	38.8	0.8	281	10.6	
	Chandigarh	164	0	3.0	2.8	0.2	20	0.0	
	WR	Chhattisgarh	3640	0	81.8	26.8	-1.5	30	0.0
Gujarat		14509	0	322.2	141.7	4.7	695	0.0	
MP		8906	0	180.9	88.4	-4.8	295	0.0	
Maharashtra		21534	0	462.7	136.1	2.8	345	0.0	
Goa		523	0	10.2	9.8	0.2	119	0.0	
DD		335	0	7.6	7.1	0.5	75	0.0	
DNH		761	0	17.8	17.0	0.8	69	0.0	
Essar steel		471	0	8.5	8.6	-0.1	177	0.0	
SR		Andhra Pradesh	8769	0	180.8	36.2	-1.0	612	0.0
		Telangana	10284	0	217.4	106.7	-1.1	383	0.0
	Karnataka	10251	0	226.9	86.7	-0.9	746	0.0	
	Kerala	3850	0	77.5	49.8	1.4	241	0.0	
	Tamil Nadu	14855	0	322.4	153.6	1.5	540	0.0	
	Pondy	347	0	7.2	7.5	-0.3	25	0.0	
	ER	Bihar	4070	0	72.2	66.5	0.2	412	0.0
DVC		3045	100	66.9	-48.8	0.0	325	0.6	
Jharkhand		1134	0	23.5	14.6	-0.7	125	0.0	
Odisha		4084	0	77.9	30.6	1.2	365	0.0	
West Bengal		7865	0	146.7	25.1	2.7	435	0.0	
Sikkim		105	0	1.6	1.3	0.3	20	0.0	
NER	Arunachal Pradesh	110	2	1.8	1.6	0.2	59	0.0	
	Assam	1378	27	22.2	18.3	1.3	146	0.3	
	Manipur	177	0	2.3	2.4	0.0	22	0.0	
	Meghalaya	296	0	5.1	3.2	-0.1	57	0.0	
	Mizoram	83	0	1.5	1.1	0.3	34	0.0	
	Nagaland	119	2	2.2	1.8	0.2	40	0.0	
	Tripura	220	0	4.4	3.1	0.3	26	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.1	-10.8	-13.7
Day peak (MW)	108.3	-469.3	-643.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	144.4	-147.8	117.0	-117.3	3.6	-0.1
Actual(MU)	145.8	-148.7	107.6	-108.2	4.4	0.9
O/D/U/D(MU)	1.4	-0.9	-9.4	9.1	0.8	0.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5202	16996	6802	980	243	30224
State Sector	11780	18282	3500	5175	50	38787
Total	16982	35278	10302	6155	293	69010

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	578	1135	658	493	10	2875
Hydro	107	35	83	27	6	258
Nuclear	23	24	29	0	0	76
Gas, Naptha & Diesel	21	49	20	0	22	112
RES (Wind, Solar, Biomass & Others)	50	45	151	2	0	249
Total	780	1288	941	522	39	3570

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

सचिव(ऊर्जा)/सदक सचिव(पर्यवण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०आ०(वि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोलोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES

Date of Reporting : 9-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	464	0.0	6.6	-6.6
2		SASARAM-FATEHPUR	S/C	0	224	0.0	1.8	-1.8
3		GAYA-BALIA	S/C	0	424	0.0	6.6	-6.6
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	199	0.0	4.5	-4.5
6	400 kV	PUSAULI-VARANASI	S/C	0	146	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	109	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	439	0.0	6.1	-6.1
9		PATNA-BALIA	Q/C	0	1016	0.0	20.1	-20.1
10		BIHARSHARIFF-BALIA	D/C	0	346	0.0	5.8	-5.8
11		MOTIHARI-GORAKHPUR	D/C	0	390	0.0	7.0	-7.0
12		BIHARSHARIFF-VARANASI	D/C	0	125	0.0	2.8	-2.8
13	220 kV	PUSAULI-SAHUPURI	S/C	0	165	0.0	3.0	-3.0
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	64.2	-63.5
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	5.0	0.0	5.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	628	0.0	6.8	-6.8
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	412	0.0	4.4	-4.4
21		RANCHI-SIPAT	D/C	0	170	0.0	0.9	-0.9
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	120	0.0	1.2	-1.2
23		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3
ER-WR						8.3	13.3	-5.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	27.6	-27.6
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	338.9	0.0	15.0	-15.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2251.8	0.0	49.2	-49.2
27	400 kV	TALCHER-I/C	D/C	0.0	0.0	7.3	0.9	6.4
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	91.8	-91.8
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	88	2.5	0.0	3
30		ALIPURDUAR-BONGAIGAON	D/C	0	110	3.9	0.0	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	-	496	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	0	1104	0.0	42.9	-42.9
34		V'CHAL B/B	D/C	0	0	0.0	0.0	0.0
35		APL -MHG	D/C	0	407	0.0	9.8	-9.8
36	765 kV	GWALIOR-AGRA	D/C	0	2370	0.0	49.9	-49.9
37		PHAGI-GWALIOR	D/C	483	1304	0.0	25.4	-25.4
38	400 kV	ZERDA-KANKROLI	S/C	405	0	7.1	0.0	7.1
39		ZERDA -BHINMAL	S/C	372	0	5.4	0.0	5.4
40		V'CHAL -RIHAND	S/C	969	0	22.6	0.0	22.6
41		RAPP-SHUJALPUR	D/C	0	408	0	3	-3
42	220 kV	BADOD-KOTA	S/C	92	0	0.8	0.0	0.8
43		BADOD-MORAK	S/C	54	31	0.2	0.3	-0.1
44		MEHGAON-AURAIYA	S/C	86	0	1.5	0.0	1.5
45		MALANPUR-AURAIYA	S/C	35	0	0.5	0.0	0.5
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						38.1	131.6	-93.5
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	448	1144	0.0	13.5	-13.5
50		WARDHA-NIZAMABAD	D/C	0	1866	0.0	32.9	-32.9
51	400 kV	KOLHAPUR-KUDGI	D/C	576	8	6.5	0.0	6.5
52		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
53	220 kV	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						8.7	70.2	-61.5
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.1
56		NEPAL						-10.8
57		BANGLADESH						-13.7