



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: 5th 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 04.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 04-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 4th 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

5-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	36261	42498	40102	18618	2208	139688
Peak Shortage (MW)	479	21	231	93	79	903
Energy Met (MU)	830	1110	961	359	38	3297
Hydro Gen(MU)	114	13	59	26	7	219
Wind Gen(MU)	6	30	28	-----	-----	64
Solar Gen (MU)*	7.13	16.91	54.42	0.83	0.02	79
Energy Shortage (MU)	11.0	0.0	1.0	0.3	0.9	13.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	39134	48291	42177	19908	2196	145031

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	0.032	0.00	0.00	7.63	7.63	85.56	6.82

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	5367	0	107.0	27.6	0.5	114	0.0
	Haryana	5872	0	108.8	60.1	2.0	295	0.7
	Rajasthan	9554	0	186.3	59.0	1.4	718	0.0
	Delhi	3043	0	55.6	50.9	-0.1	174	0.0
	UP	12427	0	270.0	99.0	-0.7	557	0.0
	Uttarakhand	1699	0	32.6	20.4	3.6	244	0.0
	HP	1369	0	23.6	17.9	0.9	163	0.2
	J&K	2297	574	43.0	40.3	-2.5	341	10.1
WR	Chandigarh	155	0	2.7	2.7	-0.1	20	0.0
	Chhattisgarh	3471	0	77.9	31.4	-1.0	117	0.0
	Gujarat	13510	0	297.8	127.6	4.3	390	0.0
	MP	9415	0	255.5	94.3	-2.9	303	0.0
	Maharashtra	20499	0	438.8	146.6	-0.4	350	0.0
	Goa	415	0	8.4	7.9	0.5	53	0.0
	DD	307	0	6.8	6.2	0.6	58	0.0
	DNH	708	0	16.1	15.2	0.9	95	0.0
SR	Essar steel	470	0	8.8	8.7	0.1	225	0.0
	Andhra Pradesh	8633	0	173.7	49.9	0.1	617	0.2
	Telangana	9465	0	206.6	94.6	0.1	357	0.2
	Karnataka	9605	0	213.7	86.4	0.5	333	0.2
	Kerala	3522	0	68.0	48.8	1.5	311	0.1
	Tamil Nadu	13068	0	292.7	154.0	0.1	467	0.3
ER	Pondy	308	0	6.6	7.0	-0.4	19	0.0
	Bihar	4127	0	70.1	63.2	-0.1	150	0.0
	DVC	2901	0	63.7	-33.4	-1.0	300	0.3
	Jharkhand	1136	0	23.7	14.8	-0.6	70	0.0
	Odisha	4167	0	83.3	39.9	2.0	400	0.0
	West Bengal	6604	0	116.7	17.0	1.2	350	0.0
NER	Sikkim	89	0	1.1	1.6	-0.5	0	0.0
	Arunachal Pradesh	116	2	2.3	2.0	0.3	59	0.0
	Assam	1285	50	20.1	16.7	0.4	146	0.8
	Manipur	155	5	2.1	2.4	-0.4	22	0.0
	Meghalaya	279	0	5.8	3.7	0.1	57	0.0
	Mizoram	78	2	1.3	1.3	0.0	34	0.0
NER	Nagaland	119	3	2.3	1.9	0.1	40	0.0
	Tripura	229	0	3.8	2.7	0.7	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.5	-9.0	-14.3
Day peak (MW)	131.4	-472.1	-652.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	147.2	-152.1	97.1	-95.3	3.5	0.4
Actual(MU)	142.1	-150.2	98.0	-92.0	3.8	1.7
O/D/U/D(MU)	-5.1	1.9	0.9	3.3	0.3	1.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5197	15696	6302	270	243	27708
State Sector	12180	19468	5410	5705	50	42813
Total	17377	35164	11712	5975	293	70521

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	511	1160	629	447	8	2756
Hydro	114	13	59	26	7	219
Nuclear	28	24	47	0	0	99
Gas, Naptha & Diesel	12	46	19	0	23	100
RES (Wind, Solar, Biomass & Others)	41	46	127	2	0	216
Total	707	1289	880	475	38	3389

*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 : 5-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	315	0.0	5.0	-5.0
2		SASARAM-FATEHPUR	S/C	0	126	0.0	0.0	0.0
3		GAYA-BALIA	S/C	0	317	0.0	4.4	-4.4
4	HVDC	ALIPURDUAR-AGRA	-	0	90	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	171	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	255	0.0	4.0	-4.0
9		PATNA-BALIA	Q/C	0	759	0.0	13.0	-13.0
10		BIHARSHARIFF-BALIA	D/C	0	177	0.0	2.8	-2.8
11		MOTHARI-GORAKHPUR	D/C	0	299	0.0	6.3	-6.3
12		BIHARSHARIFF-VARANASI	D/C	0	255	0.0	0.2	-0.2
13	220 kV	PUSAULI-SAHUPURI	S/C	0	159	0.0	3.9	-3.9
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAUJI	S/C	0	0	0.0	0.0	0.0
ER-NR						0.8	44.3	-43.5
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.0	0.0	11.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	510	0.0	5.4	-5.4
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	170	0.0	0.7	-0.7
21		RANCHI-SIPAT	D/C	0	121	0.2	0.0	0.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	146	0.0	3.2	-3.2
23		BUDHIPADAR-KORBA	D/C	0	0	2.7	0.0	2.7
ER-WR						13.9	9.4	4.5
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	27.9	-27.9
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	291.1	0.0	13.5	-13.5
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1895.3	0.0	40.6	-40.6
27	400 kV	TALCHER-I/C	D/C	0.0	888.0	0.0	13.1	-13.1
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	82.0	-82.0
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	938	0.0	5.6	-6
30		ALIPURDUAR-BONGAIGAON	D/C	0	770	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.2	-2
ER-NER						3.9	7.8	-3.9
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	491	500	1.5	9.2	-7.7
NER-NR						1.5	9.2	-7.7
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1146	0.0	41.7	-41.7
34		V'CHAL B/B	D/C	250	0	6.0	0.0	6.0
35		APL -MHG	D/C	0	609	0.0	14.1	-14.1
36	765 kV	GWALIOR-AGRA	D/C	0	2430	0.0	43.7	-43.7
37		PHAGI-GWALIOR	D/C	480	1296	0.0	25.8	-25.8
38	400 kV	ZERDA-KANKROLI	S/C	347	0	5.8	0.0	5.8
39		ZERDA -BHINMAL	S/C	307	0	3.8	0.0	3.8
40		V'CHAL -RIHAND	S/C	960	0	22.1	0.0	22.1
41		RAPP-SHUJALPUR	D/C	0	294	0	3	-3
42	220 kV	BADOD-KOTA	S/C	95	0	0.9	0.0	0.9
43		BADOD-MORAK	S/C	60	34	0.3	0.2	0.1
44		MEHGAON-AURAIYA	S/C	102	0	1.8	0.0	1.8
45		MALANPUR-AURAIYA	S/C	61	0	0.9	0.0	0.9
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						41.6	128.1	-86.5
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.6	-19.6
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	253	1171	0.0	16.5	-16.5
50		WARDHA-NIZAMABAD	D/C	0	1833	0.0	33.0	-33.0
51	400 kV	KOLHAPUR-KUDGI	D/C	503	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	69.1	-61.4
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.5
56		NEPAL						-9.0
57		BANGLADESH						-14.3