



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: 24th 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 23.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 23-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 23rd 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 24-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41923	44728	45444	20642	2294	155031
Peak Shortage (MW)	839	22	0	0	107	968
Energy Met (MU)	912	1096	1059	418	38	3523
Hydro Gen(MU)	103	22	67	35	6	232
Wind Gen(MU)	2	35	42	-----	-----	78
Solar Gen (MU)*	7.50	20.20	56.35	0.90	0.02	85
Energy Shortage (MU)	11.9	0.0	0.0	0.0	1.3	13.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44072	49330	46766	20949	2293	159889

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	0.034	0.00	0.00	7.28	7.28	81.82	10.90

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	5846	0	116.5	23.7	-0.4	88	0.0
	Haryana	6281	188	124.0	50.7	2.7	264	0.5
	Rajasthan	9513	0	184.9	51.1	1.6	464	0.0
	Delhi	3576	0	76.1	54.3	-0.5	193	0.0
	UP	14974	275	303.2	108.6	-0.2	705	0.0
	Uttarakhand	1914	0	36.0	28.5	0.0	76	0.0
	HP	1434	0	25.5	19.1	0.7	110	1.3
	J&K	2255	564	42.8	39.3	-1.7	330	10.1
WR	Chandigarh	169	0	3.2	3.0	0.2	40	0.0
	Chhattisgarh	3824	0	86.4	15.4	-1.6	144	0.0
	Gujarat	15029	0	328.2	180.8	0.9	299	0.0
	MP	8684	0	177.3	80.7	2.4	364	0.0
	Maharashtra	21163	0	455.9	133.3	-1.7	237	0.0
	Goa	484	0	11.0	10.4	-0.1	83	0.0
	DD	335	0	7.5	7.1	0.4	78	0.0
	DNH	739	0	17.2	16.8	0.4	54	0.0
SR	Essar steel	618	0	12.7	12.9	-0.2	152	0.0
	Andhra Pradesh	8741	0	184.2	60.1	-0.6	517	0.0
	Telangana	10211	0	228.1	112.9	0.3	340	0.0
	Karnataka	10462	0	229.7	78.6	-0.3	474	0.0
	Kerala	3697	0	75.9	53.3	1.6	220	0.0
	Tamil Nadu	14930	0	333.1	158.4	1.6	412	0.0
ER	Pondy	356	0	7.6	7.9	-0.3	35	0.0
	Bihar	4479	0	82.1	72.1	0.6	0	0.0
	DVC	3106	0	68.6	-53.1	-0.4	0	0.0
	Jharkhand	1165	0	25.3	14.3	0.8	0	0.0
	Odisha	4161	0	82.5	30.3	3.3	0	0.0
	West Bengal	8425	0	158.4	44.0	5.1	0	0.0
NER	Sikkim	86	0	1.2	1.3	-0.1	0	0.0
	Arunachal Pradesh	96	2	2.2	1.8	0.5	31	0.0
	Assam	1365	55	21.1	18.0	-0.2	94	1.1
	Manipur	167	3	2.2	2.5	-0.2	20	0.0
	Meghalaya	294	2	5.0	3.6	0.1	35	0.0
	Mizoram	84	5	1.5	1.2	0.2	31	0.0
NER	Nagaland	132	2	2.0	1.9	0.0	17	0.0
	Tripura	256	1	4.0	3.4	0.4	32	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.4	-10.9	-14.5
Day peak (MW)	97.1	-521.2	-639.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	148.4	-189.0	114.5	-82.5	2.5	-6.1
Actual(MU)	141.1	-184.4	108.3	-65.8	2.2	1.4
O/D/U/D(MU)	-7.3	4.6	-6.2	16.7	-0.3	7.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5260	12421	5902	1580	245	25408
State Sector	8885	18388	3620	4315	50	35258
Total	14145	30809	9522	5895	295	60666

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	583	1153	685	473	11	2905
Hydro	103	22	67	35	6	232
Nuclear	23	24	46	0	0	94
Gas, Naptha & Diesel	38	58	21	0	23	140
RES (Wind, Solar, Biomass & Others)	38	55	141	2	0	236
Total	785	1312	960	510	40	3607

*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 : 24-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	275	0.0	4.0	-4.0
2		SASARAM-FATEHPUR	S/C	0	114	0.0	0.2	-0.2
3		GAYA-BALIA	S/C	0	387	0.0	6.8	-6.8
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	11.7	-11.7
5		PUSAULI B/B	S/C	0	0	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	0	9	0.8	0.0	0.8
7		PUSAULI -ALLAHABAD	S/C	0	0	2.0	0.0	2.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	296	0.0	2.3	-2.3
9		PATNA-BALIA	Q/C	0	631	0.0	12.7	-12.7
10		BIHARSHARIFF-BALIA	D/C	0	155	0.0	4.0	-4.0
11		MOTIHARI-GORAKHPUR	D/C	0	251	0.0	4.5	-4.5
12		BIHARSHARIFF-VARANASI	D/C	0	466	0.0	0.0	0.0
13		220 kV	PUSAULI-SAHUPURI	S/C	0	175	0.0	3.3
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.8	0.0	0.8
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						3.6	49.4	-45.8
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.6	0.0	11.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	298	2.3	0.0	2.3
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	133	7.7	0.0	7.7
21		RANCHI-SIPAT	D/C	0	23	2.6	0.0	2.6
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	129	0.0	1.7	-1.7
23		BUDHIPADAR-KORBA	D/C	0	0	4.5	0.0	4.5
ER-WR						28.7	1.7	27.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	29.8	-29.8
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	322.5	0.0	14.5	-14.5
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2255.8	0.0	42.9	-42.9
27	400 kV	TALCHER-I/C	D/C	0.0	624.7	2.3	5.6	-3.2
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	87.3	-87.3
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1172	0.0	4.4	-4
30		ALIPURDUAR-BONGAIGAON	D/C	0	997	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.7	-1
ER-NER						3.9	5.1	-1.2
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	0.0	0.0
NER-NR						0.0	0.0	0.0
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1300	0.0	49.8	-49.8
34		V'CHAL B/B	D/C	0	250	0.0	4.0	-4.0
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2536	0.0	46.3	-46.3
37		PHAGI-GWALIOR	D/C	479	1242	0.0	21.7	-21.7
38	400 kV	ZERDA-KANKROLI	S/C	398	0	8.2	0.0	8.2
39		ZERDA -BHINMAL	S/C	373	0	6.7	0.0	6.7
40		V'CHAL -RIHAND	S/C	961	0	22.3	0.0	22.3
41		RAPP-SHUJALPUR	D/C	0	308	0	2	-2
42	220 kV	BADOD-KOTA	S/C	130	1	1.3	0.0	1.3
43		BADOD-MORAK	S/C	63	32	0.3	0.2	0.1
44		MEHGAON-AURAIYA	S/C	75	0	0.9	0.0	0.9
45		MALANPUR-AURAIYA	S/C	39	12	0.3	0.0	0.3
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						40.0	131.7	-91.6
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	128	1096	0.0	13.2	-13.2
50		WARDHA-NIZAMABAD	D/C	0	2169	0.0	37.4	-37.4
51	400 kV	KOLHAPUR-KUDGI	D/C	407	0	6.1	0.0	6.1
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	104	0	1.9	0.0	1.9
WR-SR						8.0	74.6	-66.5
TRANSNATIONAL EXCHANGE								
55		BHUTAN						1.4
56		NEPAL						-10.9
57		BANGLADESH						-14.5