



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: 27th 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 26.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-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 26th 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 27-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40705	46214	45295	20290	2317	154821
Peak Shortage (MW)	884	34	0	0	47	964
Energy Met (MU)	895	1121	1052	417	38	3522
Hydro Gen(MU)	99	40	79	31	7	257
Wind Gen(MU)	3	37	30	-----	-----	70
Solar Gen (MU)*	10.44	19.78	53.82	0.93	0.01	85
Energy Shortage (MU)	13.9	0.0	0.0	0.0	0.6	14.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43561	49877	46573	20558	2370	159057

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	0.054	0.00	1.00	14.47	15.46	78.48	6.05

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	5810	0	122.6	32.2	-0.3	56	0.0
	Haryana	6222	190	120.1	43.7	2.2	243	0.9
	Rajasthan	9168	0	180.0	49.8	1.3	212	0.0
	Delhi	3572	0	70.5	59.7	0.5	168	0.0
	UP	14470	415	296.9	110.7	0.9	556	0.0
	Uttarakhand	1847	0	34.6	27.4	-0.2	185	0.1
	HP	1398	0	25.4	18.6	1.1	142	0.0
	J&K	1984	496	41.6	38.3	-2.0	145	12.9
WR	Chandigarh	174	0	3.3	3.0	0.3	34	0.0
	Chhattisgarh	3801	0	88.3	15.6	-1.1	40	0.0
	Gujarat	15397	0	334.9	172.0	4.6	703	0.0
	MP	8462	0	175.3	72.0	0.7	387	0.0
	Maharashtra	22325	0	476.3	131.4	2.5	750	0.0
	Goa	475	0	10.2	9.4	0.2	44	0.0
	DD	326	0	7.1	6.6	0.5	82	0.0
	DNH	765	0	17.7	16.6	1.1	83	0.0
SR	Essar steel	519	0	11.0	10.6	0.4	202	0.0
	Andhra Pradesh	8817	0	183.4	47.1	-0.5	381	0.0
	Telangana	9893	0	221.7	112.1	-0.3	379	0.0
	Karnataka	10682	0	234.6	84.0	0.0	404	0.0
	Kerala	3846	0	77.6	53.6	1.7	202	0.0
	Tamil Nadu	14910	0	326.9	155.8	1.7	508	0.0
ER	Pondy	350	0	7.5	7.8	-0.4	30	0.0
	Bihar	4318	0	80.7	72.5	-0.3	85	0.0
	DVC	2958	0	68.2	-62.7	0.2	130	0.0
	Jharkhand	1134	0	24.0	14.6	0.9	170	0.0
	Odisha	4281	0	83.6	28.7	1.7	255	0.0
	West Bengal	8331	0	159.1	39.3	1.2	190	0.0
NER	Sikkim	89	0	1.1	1.2	-0.1	13	0.0
	Arunachal Pradesh	108	2	2.3	2.0	0.3	43	0.0
	Assam	1365	36	21.6	19.0	0.3	128	0.4
	Manipur	165	11	2.4	2.5	-0.1	19	0.0
	Meghalaya	285	2	5.0	3.8	0.0	49	0.0
	Mizoram	82	1	1.4	1.3	0.0	19	0.0
NER	Nagaland	142	16	2.0	1.9	0.1	39	0.0
	Tripura	225	5	3.3	4.1	-0.2	75	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	0.4	-7.4	-14.8
Day peak (MW)	102.4	-473.6	-651.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	150.1	-188.7	118.6	-84.2	4.5	0.3
Actual(MU)	138.8	-190.4	110.9	-74.0	3.9	-10.7
O/D/U/D(MU)	-11.3	-1.7	-7.7	10.2	-0.6	-11.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5260	14271	6502	2140	281	28455
State Sector	9535	16783	3410	3715	50	33493
Total	14795	31054	9912	5855	331	61947

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	572	1159	685	473	10	2900
Hydro	99	40	79	31	7	257
Nuclear	28	11	46	0	0	85
Gas, Naptha & Diesel	23	52	21	0	22	119
RES (Wind, Solar, Biomass & Others)	42	57	121	2	0	222
Total	765	1320	953	506	39	3583

*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(मि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 27-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	377	0.0	5.7	-5.7
2		SASARAM-FATEHPUR	S/C	0	118	0.0	0.3	-0.3
3		GAYA-BALIA	S/C	0	446	0.0	8.1	-8.1
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	12.1	-12.1
5		PUSAULI B/B	S/C	0	0	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	0	45	0.0	0.1	-0.1
7		PUSAULI -ALLAHABAD	S/C	0	19	1.6	0.0	1.6
8		MUZAFFARPUR-GORAKHPUR	D/C	0	325	0.0	2.8	-2.8
9		PATNA-BALIA	Q/C	0	755	0.0	12.3	-12.3
10		BIHARSHARIFF-BALIA	D/C	0	185	0.0	4.6	-4.6
11		MOTIHARI-GORAKHPUR	D/C	0	267	0.0	4.7	-4.7
12		BIHARSHARIFF-VARANASI	D/C	0	445	0.0	1.6	-1.6
13	220 kV	PUSAULI-SAHUPURI	S/C	0	174	0.0	3.3	-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	0.7	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						2.3	55.5	-53.2
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	15.3	0.0	15.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	218	2.0	0.0	2.0
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	8.5	0.0	8.5
21		RANCHI-SIPAT	D/C	0	0	3.2	0.0	3.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	122	0.0	1.6	-1.6
23		BUDHIPADAR-KORBA	D/C	0	0	4.8	0.0	4.8
ER-WR						33.6	1.6	32.1
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	28.1	-28.1
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	347.1	0.0	14.7	-14.7
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2274.3	0.0	50.6	-50.6
27	400 kV	TALCHER-I/C	D/C	0.0	366.7	2.5	6.3	-3.9
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	93.4	-93.4
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	916	0.0	4.5	-4
30		ALIPURDUAR-BONGAIGAON	D/C	0	797	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.4	-1
ER-NER						3.9	5.9	-2.0
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	1137	0.0	47.9	-47.9
34		V'CHAL B/B	D/C	200	0	4.8	0.0	4.8
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2642	0.0	51.2	-51.2
37		PHAGI-GWALIOR	D/C	483	1186	0.0	21.6	-21.6
38		JABALPUR-ORAI	D/C	0	1296	0.0	8.3	-8.3
39	400 kV	ZERDA-KANKROLI	S/C	438	0	8.1	0.0	8.1
40		ZERDA -BHINMAL	S/C	436	0	6.4	0.0	6.4
41		V'CHAL -RIHAND	S/C	966	0	22.7	0.0	22.7
42		RAPP-SHUJALPUR	D/C	0	276	0	5	-5
43	220 kV	BADOD-KOTA	S/C	103	9	1.3	0.0	1.2
44		BADOD-MORAK	S/C	53	25	0.5	0.1	0.4
45		MEHGAON-AURAIYA	S/C	139	0	1.3	0.0	1.3
46		MALANPUR-AURAIYA	S/C	33	25	0.2	0.1	0.1
47	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						45.3	141.6	-96.2
Import/Export of WR (With SR)								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 kV	SOLAPUR-RAICHUR	D/C	223	949	0.0	8.1	-8.1
51		WARDHA-NIZAMABAD	D/C	0	2171	0.0	36.8	-36.8
52	400 kV	KOLHAPUR-KUDGI	D/C	506	41	5.8	0.0	5.8
53	220 kV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
55		XELDEM-AMBEWADI	S/C	104	0	1.9	0.0	1.9
WR-SR						7.7	68.8	-61.1
TRANSNATIONAL EXCHANGE								
56		BHUTAN						0.4
57		NEPAL						-7.4
58		BANGLADESH						-14.8