



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: 18th 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 17.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 17-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 17th 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

18-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40500	45138	41561	19573	2179	148951
Peak Shortage (MW)	657	0	33	0	185	875
Energy Met (MU)	918	1077	897	387	38	3317
Hydro Gen(MU)	100	25	56	33	9	223
Wind Gen(MU)	11	24	23	-----	-----	58
Solar Gen (MU)*	7.03	19.44	46.20	0.91	0.02	74
Energy Shortage (MU)	12.2	0.0	0.0	0.0	1.4	13.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44063	48870	42328	19594	2160	153996

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	0.026	0.00	0.00	3.43	3.43	86.18	10.39

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	6042	113	128.1	28.9	0.1	111	0.0
	Haryana	6360	0	133.5	55.9	1.7	252	0.8
	Rajasthan	9749	0	186.5	57.1	-0.4	322	0.0
	Delhi	3256	0	65.3	53.3	-0.1	150	0.0
	UP	13961	190	298.2	96.7	0.0	389	1.5
	Uttarakhand	1812	0	34.3	27.3	0.0	75	0.0
	HP	1461	0	27.4	21.6	1.2	188	0.0
	J&K	2126	532	41.7	38.8	-2.1	123	9.8
WR	Chandigarh	160	0	3.0	2.9	0.1	31	0.0
	Chhattisgarh	3680	0	81.3	19.9	-1.5	161	0.0
	Gujarat	14959	0	326.1	159.9	2.8	414	0.0
	MP	8855	0	181.2	78.6	0.6	560	0.0
	Maharashtra	20932	0	440.0	129.3	-0.4	464	0.0
	Goa	451	0	9.0	8.7	0.1	45	0.0
	DD	330	0	7.5	7.0	0.5	80	0.0
	DNH	756	0	17.6	16.6	0.9	94	0.0
SR	Essar steel	641	0	14.0	13.1	0.9	180	0.0
	Andhra Pradesh	7482	0	159.5	43.0	-1.0	501	0.0
	Telangana	9042	0	174.2	80.1	-2.3	468	0.0
	Karnataka	8990	0	188.7	74.4	-2.4	829	0.0
	Kerala	3571	0	74.7	53.0	1.9	245	0.0
	Tamil Nadu	13494	0	293.2	159.8	-1.1	541	0.0
ER	Pondy	347	0	6.8	7.4	-0.6	30	0.0
	Bihar	4364	0	75.3	69.3	-0.5	70	0.0
	DVC	3008	0	68.2	-47.1	1.4	430	0.0
	Jharkhand	1177	0	23.2	13.9	0.2	145	0.0
	Odisha	4050	0	75.3	28.4	1.4	270	0.0
	West Bengal	7631	0	143.5	25.3	1.0	390	0.0
NER	Sikkim	100	0	1.5	1.5	0.0	16	0.0
	Arunachal Pradesh	89	3	2.1	2.1	0.0	59	0.0
	Assam	1265	119	21.1	17.5	0.6	146	1.2
	Manipur	169	3	2.3	2.5	-0.2	22	0.0
	Meghalaya	303	0	5.2	3.4	-0.1	57	0.0
	Mizoram	86	0	1.3	1.0	0.3	34	0.0
NER	Nagaland	122	1	1.9	1.9	-0.1	40	0.0
	Tripura	228	2	3.9	3.5	0.0	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.2	-9.2	-14.5
Day peak (MW)	141.8	-405.6	-636.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	141.5	-162.5	109.9	-90.6	2.0	0.3
Actual(MU)	137.9	-157.1	93.8	-80.5	1.5	-4.5
O/D/U/D(MU)	-3.6	5.4	-16.1	10.0	-0.5	-4.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5391	15701	5852	1580	220	28743
State Sector	8590	17062	3983	4775	50	34460
Total	13981	32763	9835	6355	269	63203

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	592	1102	578	451	9	2732
Hydro	100	25	56	33	9	223
Nuclear	28	24	46	0	0	98
Gas, Naptha & Diesel	30	51	22	0	23	126
RES (Wind, Solar, Biomass & Others)	47	44	110	2	0	203
Total	798	1245	813	486	41	3382

*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 : 18-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	320	0.0	3.9	-3.9
2		SASARAM-FATEHPUR	S/C	0	20	2.7	0.0	2.7
3		GAYA-BALIA	S/C	0	371	0.0	7.3	-7.3
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	0	167	0.0	3.1	-3.1
7		PUSAULI -ALLAHABAD	S/C	0	101	0.0	1.5	-1.5
8		MUZAFFARPUR-GORAKHPUR	D/C	0	354	0.0	2.9	-2.9
9		PATNA-BALIA	Q/C	0	887	0.0	16.1	-16.1
10		BIHARSHARIFF-BALIA	D/C	0	281	0.0	4.2	-4.2
11		MOTHARI-GORAKHPUR	D/C	0	292	0.0	5.1	-5.1
12		BIHARSHARIFF-VARANASI	D/C	0	292	0.0	0.0	0.0
13	220 kV	PUSAULI-SAHUPURI	S/C	0	173	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						3.4	47.4	-44.0
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	8.0	0.0	8.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	277	0.2	0.0	0.2
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	199	2.9	0.0	2.9
21		RANCHI-SIPAT	D/C	0	65	1.7	0.0	1.7
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	119	0.0	1.6	-1.6
23		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3
ER-WR						16.0	1.6	14.4
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	26.4	-26.4
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	347.1	0.0	14.1	-14.1
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2257.6	0.0	42.4	-42.4
27	400 kV	TALCHER-I/C	D/C	0.0	796.1	0.0	10.6	-10.6
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	82.8	-82.8
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	861	0.0	4.4	-4
30		ALIPURDUAR-BONGAIGAON	D/C	0	707	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2
ER-NER						3.9	6.3	-2.4
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	485	501	0.0	8.1	-8.1
NER-NR						0.0	8.1	-8.1
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1154	0.0	47.4	-47.4
34		V'CHAL B/B	D/C	250	0	6.0	0.0	6.0
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2616	0.0	47.0	-47.0
37		PHAGI-GWALIOR	D/C	483	1330	0.0	28.2	-28.2
38	400 kV	ZERDA-KANKROLI	S/C	459	0	7.8	0.0	7.8
39		ZERDA -BHINMAL	S/C	428	0	6.3	0.0	6.3
40		V'CHAL -RIHAND	S/C	968	0	22.4	0.0	22.4
41		RAPP-SHUJALPUR	D/C	0	308	0	2	-2
42	220 kV	BADOD-KOTA	S/C	100	1	1.1	0.0	1.0
43		BADOD-MORAK	S/C	46	33	0.3	0.2	0.1
44		MEHGAON-AURAIYA	S/C	87	0	1.2	0.0	1.2
45		MALANPUR-AURAIYA	S/C	45	7	0.5	0.0	0.5
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						45.6	132.5	-86.9
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.0	-22.0
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	320	1202	0.0	10.5	-10.5
50		WARDHA-NIZAMABAD	D/C	0	1862	0.0	30.3	-30.3
51	400 kV	KOLHAPUR-KUDGI	D/C	429	0	5.9	0.0	5.9
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						8.1	62.7	-54.7
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.2
56		NEPAL						-9.2
57		BANGLADESH						-14.5