



National Load Despatch Centre

राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED

पाँवर 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: 15th 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 14.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 14-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 14th 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

15-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40233	45768	44605	20511	2382	153499
Peak Shortage (MW)	1281	46	99	57	83	1566
Energy Met (MU)	929	1099	1031	402	40	3501
Hydro Gen(MU)	107	25	78	29	7	245
Wind Gen(MU)	21	64	33	-----	-----	118
Solar Gen (MU)*	6.25	16.96	45.88	0.84	0.02	70
Energy Shortage (MU)	27.5	0.0	0.0	0.2	0.7	28.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43825	48910	45864	20618	2308	157492

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	0.053	0.08	1.15	13.97	15.20	79.29	5.51

C. Power Supply Position in States

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	6338	0	137.1	31.3	-0.5	106	0.0
	Haryana	6393	0	133.1	52.7	3.2	341	5.1
	Rajasthan	10099	0	195.5	45.2	1.3	481	0.8
	Delhi	3558	0	68.9	52.4	0.3	220	0.0
	UP	12589	770	287.1	89.0	-1.1	224	11.4
	Uttarakhand	1826	0	35.6	24.8	2.2	234	0.0
	HP	1410	14	25.8	19.7	1.5	275	0.2
	J&K	2018	505	42.7	39.1	-1.0	210	10.1
	Chandigarh	177	0	3.3	2.9	0.4	37	0.0
WR	Chhattisgarh	3797	0	85.8	22.7	-1.2	133	0.0
	Gujarat	14141	0	316.9	148.6	0.3	489	0.0
	MP	9023	0	186.7	88.4	-3.0	371	0.0
	Maharashtra	21538	0	462.8	147.2	0.1	331	0.0
	Goa	485	0	10.9	9.9	0.8	33	0.0
	DD	331	0	7.4	6.8	0.7	113	0.0
	DNH	765	0	17.8	17.1	0.7	57	0.0
	Essar steel	513	0	10.1	9.8	0.3	208	0.0
	SR	Andhra Pradesh	8775	0	183.9	48.9	0.0	433
Telangana		10031	0	220.4	100.3	0.1	342	0.0
Karnataka		10635	0	231.8	85.7	-0.9	370	0.0
Kerala		3612	0	72.8	50.4	1.5	237	0.0
Tamil Nadu		14694	0	314.8	147.8	2.0	565	0.0
Pondy		355	0	7.6	7.7	-0.2	32	0.0
ER		Bihar	4431	0	75.8	68.5	0.0	220
	DVC	2898	0	65.8	-57.0	-1.1	220	0.0
	Jharkhand	1175	0	24.5	13.8	0.7	80	0.2
	Odisha	4491	0	86.4	37.5	0.9	225	0.0
	West Bengal	8160	0	148.3	26.5	0.7	220	0.0
	Sikkim	96	0	1.5	1.3	0.2	12	0.0
NER	Arunachal Pradesh	112	3	2.2	1.7	0.5	59	0.0
	Assam	1402	43	22.9	19.5	0.4	146	0.6
	Manipur	170	2	2.2	2.4	-0.1	22	0.0
	Meghalaya	318	1	5.2	3.3	-0.1	57	0.0
	Mizoram	82	3	1.6	0.9	0.1	34	0.0
	Nagaland	130	4	2.0	1.7	0.1	40	0.0
	Tripura	240	2	3.7	3.0	0.2	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.2	-10.0	-14.5
Day peak (MW)	115.4	-256.1	-652.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	124.6	-124.2	97.1	-102.5	5.5	0.5
Actual(MU)	128.0	-135.7	93.3	-94.8	5.1	-4.1
OD/UD(MU)	3.4	-11.5	-3.8	7.7	-0.4	-4.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5895	16171	7452	980	215	30713
State Sector	9575	18741	3970	3985	50	36321
Total	15470	34912	11422	4965	265	67034

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	604	1077	680	494	9	2863
Hydro	107	25	78	29	6	245
Nuclear	26	24	46	0	0	95
Gas, Naptha & Diesel	28	53	21	0	23	125
RES (Wind, Solar, Biomass & Others)	55	81	126	2	0	265
Total	819	1260	951	524	39	3593

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रिडिंग)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES

Date of Reporting : 15-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	392	0.0	5.6	-5.6
2		SASARAM-FATEHPUR	S/C	0	127	1.1	0.0	1.1
3		GAYA-BALIA	S/C	0	397	0.0	6.4	-6.4
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.7	-4.7
6	400 kV	PUSAULI-VARANASI	S/C	0	158	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	111	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	369	0.0	4.2	-4.2
9		PATNA-BALIA	Q/C	0	927	0.0	17.7	-17.7
10		BIHARSHARIFF-BALIA	D/C	0	317	0.0	5.3	-5.3
11		MOTIHARI-GORAKHPUR	D/C	0	305	0.0	5.8	-5.8
12		BIHARSHARIFF-VARANASI	D/C	0	110	0.0	2.6	-2.6
13	220 kV	PUSAULI-SAHUPURI	S/C	0	167	0.0	3.1	-3.1
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						1.8	55.5	-53.7
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	4.2	0.0	4.2
19	400 kV	NEW RANCHI-DHARAMJAIGARH	D/C	0	590	0.0	7.0	-7.0
20		JHARSUGUDA-RAIGARH	Q/C	0	258	0.0	0.7	-0.7
21		RANCHI-SIPAT	D/C	0	137	0.0	0.4	-0.4
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	133	0.0	2.1	-2.1
23		BUDHIPADAR-KORBA	D/C	0	0	3.1	0.0	3.1
ER-WR						7.2	10.2	-3.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	22.9	-22.9
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	690.7	0.0	16.0	-16.0
26		TALCHER-KOLAR BIPOLE	D/C	0.0	2103.0	0.0	47.9	-47.9
27	400 kV	TALCHER-I/C	D/C	0.0	78.6	6.6	2.0	4.6
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	86.8	-86.8
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	182	2.1	0.0	2
30		ALIPURDUAR-BONGAIGAON	D/C	0	185	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2
ER-NER						6.0	1.6	4.4
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	492	0	11.3	0.0	11.3
NER-NR						11.3	0.0	11.3
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1266	0.0	53.0	-53.0
34		V'CHAL B/B	D/C	150	0	2.6	0.0	2.6
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2554	0.0	48.4	-48.4
37		PHAGI-GWALIOR	D/C	487	996	0.0	16.8	-16.8
38	400 kV	ZERDA-KANKROLI	S/C	341	0	6.0	0.0	6.0
39		ZERDA -BHINMAL	S/C	366	0	5.4	0.0	5.4
40		V'CHAL -RIHAND	S/C	975	0	22.7	0.0	22.7
41		RAPP-SHUJALPUR	D/C	0	236	0	1	-1
42	220 kV	BADOD-KOTA	S/C	65	0	1.0	0.0	1.0
43		BADOD-MORAK	S/C	42	25	0.2	0.2	0.0
44		MEHGAON-AURAIYA	S/C	101	0	1.7	0.0	1.7
45		MALANPUR-AURAIYA	S/C	55	0	0.7	0.0	0.7
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						40.2	127.2	-87.0
Import/Export of WR (With SR)								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	184	1085	0.0	10.7	-10.7
50		WARDHA-NIZAMABAD	D/C	0	1763	0.0	25.1	-25.1
51	400 kV	KOLHAPUR-KUDGI	D/C	568	0	7.2	0.0	7.2
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						9.3	59.6	-50.3
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.2
56		NEPAL						-10.0
57		BANGLADESH						-14.5