



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: 31st 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 30.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30-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 30th 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 31-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	38831	46083	44122	18460	2003	149499
Peak Shortage (MW)	516	45	0	0	360	921
Energy Met (MU)	887	1132	1057	410	32	3517
Hydro Gen(MU)	94	15	66	33	8	217
Wind Gen(MU)	3	50	47	-----	-----	101
Solar Gen (MU)*	6.88	21.40	50.30	0.77	0.02	79
Energy Shortage (MU)	11.9	0.0	0.0	0.0	2.7	14.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41855	50163	47059	19589	1859	153307

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	0.01	4.86	4.87	80.27	14.86

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	5898	0	127.9	31.4	0.4	118	0.0
	Haryana	6471	0	119.2	43.7	1.0	193	0.0
	Rajasthan	8797	0	173.8	49.3	6.3	655	1.9
	Delhi	3675	0	75.5	61.4	-0.6	145	0.1
	UP	13671	90	285.1	98.3	-0.2	454	0.0
	Uttarakhand	1822	0	35.4	27.6	0.7	145	0.3
	HP	1386	25	26.7	20.0	0.9	136	0.3
	J&K	2125	531	39.5	37.1	-3.0	185	9.3
WR	Chandigarh	177	0	3.4	3.1	0.3	40	0.0
	Chhattisgarh	3913	0	88.0	17.7	-2.4	132	0.0
	Gujarat	15459	0	345.0	178.5	4.0	410	0.0
	MP	8571	0	175.2	69.7	-2.6	292	0.0
	Maharashtra	22133	0	477.5	151.7	1.5	509	0.0
	Goa	519	0	10.5	9.8	0.0	42	0.0
	DD	326	0	7.3	6.7	0.7	54	0.0
	DNH	748	0	17.3	16.8	0.5	58	0.0
SR	Essar steel	533	0	11.1	10.9	0.1	244	0.0
	Andhra Pradesh	8852	0	181.7	55.8	0.9	785	0.0
	Telangana	9835	0	224.0	108.2	0.8	406	0.0
	Karnataka	10652	0	228.9	79.6	-0.2	477	0.0
	Kerala	3639	0	73.2	48.7	1.6	194	0.0
	Tamil Nadu	15017	0	341.1	167.4	1.1	581	0.0
ER	Pondy	368	0	7.8	8.2	-0.3	36	0.0
	Bihar	4168	0	70.5	64.4	-2.8	200	0.0
	DVC	3059	0	69.5	-57.8	-0.7	220	0.0
	Jharkhand	1163	0	23.2	13.0	2.0	80	0.0
	Odisha	4260	0	87.7	39.8	0.8	220	0.0
	West Bengal	7892	0	157.6	45.3	1.6	220	0.0
NER	Sikkim	97	0	1.6	1.2	0.4	12	0.0
	Arunachal Pradesh	110	3	1.8	1.7	0.1	65	0.0
	Assam	1250	210	18.4	16.6	0.2	95	2.0
	Manipur	130	15	1.5	2.3	-0.7	24	0.1
	Meghalaya	250	2	4.5	3.7	-0.5	45	0.0
	Mizoram	75	3	1.2	1.1	0.0	10	0.0
NER	Nagaland	123	2	2.0	1.9	0.0	30	0.0
	Tripura	135	70	2.3	2.8	-1.2	50	0.4

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.8	-8.2	-12.9
Day peak (MW)	126.5	-275.3	-628.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	146.3	-197.8	104.6	-57.7	4.7	0.2
Actual(MU)	153.9	-217.0	104.7	-45.5	0.7	-3.0
O/D/U/D(MU)	7.6	-19.2	0.1	12.2	-4.0	-3.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5770	12926	5552	2680	270	27198
State Sector	8020	15743	3590	3505	50	30908
Total	13790	28669	9142	6185	319	58106

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	568	1178	690	453	6	2895
Hydro	94	15	68	33	8	218
Nuclear	28	26	47	0	0	100
Gas, Naptha & Diesel	26	49	23	0	21	118
RES (Wind, Solar, Biomass & Others)	39	72	140	1	0	253
Total	755	1340	968	488	34	3584

*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(ग्रिडप्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 31-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	491	0.0	5.9	-5.9
2		SASARAM-FATEHPUR	S/C	0	223	0.0	1.3	-1.3
3		GAYA-BALIA	S/C	0	476	0.0	7.6	-7.6
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	8.3	-8.3
5		PUSAULI B/B	S/C	0	0	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	0	55	0.0	0.1	-0.1
7		PUSAULI -ALLAHABAD	S/C	0	63	0.8	0.0	0.8
8		MUZAFFARPUR-GORAKHPUR	D/C	0	424	0.0	4.9	-4.9
9		PATNA-BALIA	Q/C	0	750	0.0	11.8	-11.8
10		BIHARSHARIFF-BALIA	D/C	0	248	0.0	4.8	-4.8
11		MOTHARI-GORAKHPUR	D/C	0	381	0.0	5.3	-5.3
12		BIHARSHARIFF-VARANASI	D/C	0	364	0.0	2.5	-2.5
13	220 kV	PUSAULI-SAHUPURI	S/C	0	178	0.0	3.0	-3.0
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6
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						1.4	55.5	-54.0
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	23.1	0.0	23.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	119	7.3	0.0	7.3
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	14.0	0.0	14.0
21		RANCHI-SIPAT	D/C	0	0	4.2	0.0	4.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	85	0.0	0.4	-0.4
23		BUDHIPADAR-KORBA	D/C	0	0	4.1	0.0	4.1
ER-WR						52.6	0.4	52.2
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	26.6	-26.6
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	325.2	0.0	14.1	-14.1
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2103.7	0.0	46.6	-46.6
27	400 kV	TALCHER-I/C	D/C	0.0	246.9	2.3	3.9	-1.5
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	735	0.0	2.5	-3
30		ALIPURDUAR-BONGAIGAON	D/C	0	649	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.9	-1
ER-NER						3.9	3.4	0.5
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	1236	0.0	14.7	-14.7
34		V'CHAL B/B	D/C	0	250	0.0	4.5	-4.5
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2488	0.0	46.8	-46.8
37		PHAGI-GWALIOR	D/C	0	1372	0.0	26.2	-26.2
38		JABALPUR-ORAI	D/C	0	889	0.0	11.8	-11.8
39		GWALIOR-ORAI	S/C	755	0	15.5	0.0	15.5
40		SATNA-ORAI	S/C	0	1551	0.0	36.4	-36.4
41	400 kV	ZERDA-KANKROLI	S/C	409	0	7.9	0.0	7.9
42		ZERDA -BHINMAL	S/C	350	0	5.7	0.0	5.7
43		V'CHAL -RIHAND	S/C	0	483	22.1	0.0	22.1
44		RAPP-SHUALPUR	D/C	0	474	0	3	-3
45	220 kV	BADOD-KOTA	S/C	70	32	0.5	0.1	0.4
46		BADOD-MORAK	S/C	30	43	0.1	0.4	-0.3
47		MEHGAON-AURAIYA	S/C	78	0	1.0	0.0	1.0
48		MALANPUR-AURAIYA	S/C	48	9	0.4	0.0	0.3
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						53.1	151.3	-98.3
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	220	841	0.0	6.8	-6.8
53		WARDHA-NIZAMABAD	D/C	0	2091	0.0	36.9	-36.9
54	400 kV	KOLHAPUR-KUDGI	D/C	604	0	8.0	0.0	8.0
55	220 kV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	107	0	2.2	0.0	2.2
WR-SR						10.2	67.6	-57.5
TRANSNATIONAL EXCHANGE								
58		BHUTAN						2.8
59		NEPAL						-8.2
60		BANGLADESH						-12.9