



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: 29th 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 28.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28-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 28th 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

29-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	42162	46785	45818	19991	2405	157160
Peak Shortage (MW)	1273	11	0	0	59	1343
Energy Met (MU)	915	1141	1079	423	38	3597
Hydro Gen(MU)	96	24	83	34	7	244
Wind Gen(MU)	5	43	29	-----	-----	76
Solar Gen (MU)*	7.30	20.88	54.09	0.86	0.02	83
Energy Shortage (MU)	11.1	0.0	0.0	0.0	0.4	11.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44200	50304	46888	20502	2425	160447

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	0.077	0.00	0.79	27.95	28.74	67.55	3.72

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	6018	0	127.9	34.4	-0.3	109	0.0
	Haryana	6197	178	122.8	43.7	1.6	205	0.7
	Rajasthan	9028	0	180.6	45.5	1.4	469	0.0
	Delhi	3654	0	75.0	64.2	-0.9	168	0.1
	UP	14770	795	305.7	108.2	1.7	647	0.3
	Uttarakhand	1821	0	36.2	27.7	1.0	186	0.0
	HP	1354	0	25.3	18.3	1.0	279	0.5
	J&K	1968	492	38.2	37.4	-3.6	174	9.5
	Chandigarh	186	0	3.5	3.3	0.2	35	0.0
WR	Chhattisgarh	3838	0	86.9	16.6	-1.9	48	0.0
	Gujarat	15105	0	340.2	174.4	4.1	464	0.0
	MP	8745	0	179.2	78.2	-10.5	305	0.0
	Maharashtra	22449	0	488.5	151.6	3.8	238	0.0
	Goa	519	0	10.5	10.4	-0.6	74	0.0
	DD	331	0	7.5	6.4	1.1	109	0.0
	DNH	748	0	17.6	16.4	1.1	113	0.0
	Essar steel	545	0	11.0	10.6	0.3	245	0.0
	SR	Andhra Pradesh	8844	0	185.2	49.5	-1.0	420
Telangana		9934	0	221.3	106.0	-1.0	231	0.0
Karnataka		10802	0	241.2	83.5	-0.3	318	0.0
Kerala		3874	0	80.0	53.2	1.7	249	0.0
Tamil Nadu		15137	0	344.1	170.6	1.6	432	0.0
Pondy		360	0	7.7	8.0	-0.4	33	0.0
ER		Bihar	4443	0	82.6	74.4	-1.5	250
	DVC	3264	0	70.1	-59.0	-0.3	100	0.0
	Jharkhand	1082	0	23.9	14.6	1.2	250	0.0
	Odisha	4139	0	82.3	29.5	1.7	300	0.0
	West Bengal	8641	0	163.0	43.5	3.9	700	0.0
	Sikkim	101	0	1.3	1.3	0.0	25	0.0
NER	Arunachal Pradesh	112	3	2.1	1.7	0.4	65	0.0
	Assam	1436	22	21.3	18.7	0.9	95	0.3
	Manipur	172	2	2.3	2.4	-0.1	24	0.0
	Meghalaya	291	0	4.9	3.6	0.1	45	0.0
	Mizoram	81	3	1.5	1.2	0.2	10	0.0
	Nagaland	119	1	2.1	1.9	0.1	30	0.0
	Tripura	245	3	4.0	3.6	0.4	50	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	0.9	-10.9	-14.8
Day peak (MW)	119.9	-510.0	-646.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	157.7	-174.1	94.5	-80.3	2.8	0.5
Actual(MU)	154.2	-178.7	84.1	-67.1	4.1	-3.3
OD/UD(MU)	-3.5	-4.6	-10.4	13.3	1.3	-3.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5770	13171	5902	1505	495	26843
State Sector	8720	16615	2990	3715	50	32090
Total	14490	29786	8892	5220	544	58933

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	588	1172	730	483	10	2984
Hydro	96	24	83	34	7	244
Nuclear	27	23	46	0	0	97
Gas, Naptha & Diesel	27	60	21	0	21	129
RES (Wind, Solar, Biomass & Others)	41	63	124	2	0	231
Total	779	1342	1005	519	39	3684

*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 : 29-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	301	0.0	4.7	-4.7
2		SASARAM-FATEHPUR	S/C	0	829	0.4	0.0	0.4
3		GAYA-BALIA	S/C	0	405	0.0	8.0	-8.0
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	12.1	-12.1
5		PUSAULI B/B	S/C	0	193	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	0	129	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	77	1.6	0.0	1.6
8		MUZAFFARPUR-GORAKHPUR	D/C	0	342	0.0	1.7	-1.7
9		PATNA-BALIA	Q/C	0	688	0.0	12.5	-12.5
10		BIHARSHARIFF-BALIA	D/C	0	222	0.0	4.3	-4.3
11		MOTIHARI-GORAKHPUR	D/C	0	231	0.0	4.3	-4.3
12		BIHARSHARIFF-VARANASI	D/C	0	417	0.0	1.2	-1.2
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						2.7	52.1	-49.4
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.5	0.0	12.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	380	2.9	0.0	2.9
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	198	5.0	0.0	5.0
21		RANCHI-SIPAT	D/C	0	62	3.1	0.0	3.1
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	83	0.0	0.7	-0.7
23		BUDHIPADAR-KORBA	D/C	0	0	4.2	0.0	4.2
ER-WR						27.7	0.7	27.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	24.4	-24.4
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	338.9	0.0	15.0	-15.0
26		TALCHER-KOLAR BIPOLE	D/C	0.0	2254.0	0.0	46.2	-46.2
27	400 kV	TALCHER-I/C	D/C	0.0	503.0	2.4	7.0	-4.7
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	85.6	-85.6
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1042	0.0	5.1	-5
30		ALIPURDUAR-BONGAIGAON	D/C	0	892	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.5	-1
ER-NER						3.9	6.5	-2.6
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	25	1394	0.0	51.6	-51.6
34		V'CHAL B/B	D/C	150	200	0.3	4.3	-3.9
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2266	0.0	43.2	-43.2
37		PHAGI-GWALIOR	D/C	486	930	0.0	15.9	-15.9
38		JABALPUR-ORAI	D/C	0	1315	0.0	22.6	-22.6
39	400 kV	ZERDA-KANKROLI	S/C	413	0	7.4	0.0	7.4
40		ZERDA -BHINMAL	S/C	376	0	5.9	0.0	5.9
41		V'CHAL -RIHAND	S/C	974	0	22.7	0.0	22.7
42		RAPP-SHUJALPUR	D/C	23	286	0	1	-1
43	220 kV	BADOD-KOTA	S/C	107	0	1.3	0.0	1.3
44		BADOD-MORAK	S/C	63	17	0.3	0.0	0.2
45		MEHGAON-AURAIYA	S/C	73	0	1.0	0.0	1.0
46		MALANPUR-AURAIYA	S/C	42	0	0.3	0.0	0.3
47	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						39.1	145.7	-106.6
Import/Export of WR (With SR)								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.1	-22.1
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50		SOLAPUR-RAICHUR	D/C	680	872	0.0	4.8	-4.8
51	765 kV	WARDHA-NIZAMABAD	D/C	0	1846	0.0	28.0	-28.0
52		KOLHAPUR-KUDGI	D/C	697	0	3.2	0.4	2.9
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	107	0	2.2	0.0	2.2
WR-SR						5.4	55.2	-49.8
TRANSNATIONAL EXCHANGE								
56		BHUTAN						0.9
57		NEPAL						-10.9
58		BANGLADESH						-14.8