



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: 28th 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 27.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27-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 27 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

28-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41838	46711	45420	20598	2390	156957
Peak Shortage (MW)	1935	46	0	0	62	2043
Energy Met (MU)	900	1143	1066	418	36	3564
Hydro Gen(MU)	99	45	89	32	7	271
Wind Gen(MU)	13	43	23	-----	-----	79
Solar Gen (MU)*	10.30	19.83	51.33	0.88	0.02	82
Energy Shortage (MU)	11.0	0.0	0.0	0.0	1.3	12.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43349	50881	47118	20858	2343	159507

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	1.66	23.14	24.79	68.40	6.81

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	5929	0	127.0	31.4	0.0	135	0.0
	Haryana	5805	542	120.0	43.5	1.9	208	0.3
	Rajasthan	9130	0	179.3	41.0	-1.0	319	0.0
	Delhi	3688	0	73.4	62.1	0.5	174	0.0
	UP	14414	1375	293.1	105.5	1.5	581	0.5
	Uttarakhand	1806	150	35.3	27.3	0.5	204	0.0
	HP	1372	0	25.6	18.8	1.0	187	0.0
	J&K	2241	560	43.2	38.2	-0.7	396	10.2
WR	Chandigarh	183	0	3.4	3.1	0.3	39	0.0
	Chhattisgarh	3822	0	87.9	15.0	-0.8	112	0.0
	Gujarat	15351	0	339.3	171.8	4.7	462	0.0
	MP	8764	0	177.8	67.0	0.1	399	0.0
	Maharashtra	22775	0	491.1	137.6	4.6	740	0.0
	Goa	519	0	10.5	10.0	-0.2	52	0.0
	DD	329	0	7.4	6.9	0.5	64	0.0
	DNH	770	0	18.1	16.6	1.5	100	0.0
SR	Essar steel	520	0	11.2	10.6	0.5	183	0.0
	Andhra Pradesh	8853	0	181.3	51.2	-1.5	753	0.0
	Telangana	10001	0	220.5	108.6	-1.5	257	0.0
	Karnataka	10777	0	240.1	85.5	-0.2	693	0.0
	Kerala	3884	0	79.7	53.8	1.3	232	0.0
	Tamil Nadu	15101	0	336.9	166.4	2.9	630	0.0
ER	Pondy	363	0	7.8	8.0	-0.3	32	0.0
	Bihar	4370	0	82.4	73.1	-0.8	250	0.0
	DVC	3131	0	69.3	-57.8	-1.0	180	0.0
	Jharkhand	1165	0	24.6	13.8	2.0	200	0.0
	Odisha	4102	0	82.4	28.0	0.7	230	0.0
	West Bengal	8433	0	158.1	40.7	2.9	480	0.0
NER	Sikkim	95	0	1.2	1.2	0.0	20	0.0
	Arunachal Pradesh	111	1	2.2	1.9	0.3	65	0.0
	Assam	1393	8	20.0	17.6	0.2	95	1.0
	Manipur	165	7	2.0	2.4	-0.4	24	0.0
	Meghalaya	310	2	4.9	3.7	0.0	45	0.0
	Mizoram	82	3	1.4	1.2	0.1	10	0.0
NER	Nagaland	119	2	2.0	1.9	0.0	30	0.0
	Tripura	235	9	3.7	3.7	-0.2	50	0.2

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	0.8	-10.6	-14.8
Day peak (MW)	201.2	-469.0	-657.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	149.2	-193.6	115.3	-75.0	3.8	-0.3
Actual(MU)	139.3	-190.3	106.2	-64.8	1.7	-8.0
O/D/U/D(MU)	-9.9	3.3	-9.1	10.1	-2.1	-7.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5770	13081	5902	1580	281	26615
State Sector	9085	17051	3470	3715	50	33371
Total	14855	30132	9372	5295	331	59985

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	568	1176	702	475	10	2930
Hydro	99	45	89	32	7	271
Nuclear	28	14	46	0	0	88
Gas, Naptha & Diesel	26	49	21	0	22	117
RES (Wind, Solar, Biomass & Others)	52	63	112	3	0	230
Total	772	1347	971	509	39	3637

*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(मि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 28-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	319	0.0	5.9	-5.9
2		SASARAM-FATEHPUR	S/C	0	87	0.5	0.0	0.5
3		GAYA-BALIA	S/C	0	409	0.0	7.5	-7.5
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	11.8	-11.8
5		PUSAULI B/B	S/C	0	0	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	0	48	0.3	0.0	0.3
7		PUSAULI -ALLAHABAD	S/C	0	13	1.7	0.0	1.7
8		MUZAFFARPUR-GORAKHPUR	D/C	0	312	0.0	2.7	-2.7
9		PATNA-BALIA	Q/C	0	663	0.0	11.7	-11.7
10		BIHARSHARIFF-BALIA	D/C	0	165	0.0	3.9	-3.9
11		MOTHARI-GORAKHPUR	D/C	0	246	0.0	4.9	-4.9
12		BIHARSHARIFF-VARANASI	D/C	0	412	0.0	1.1	-1.1
13	220 kV	PUSAULI-SAHUPURI	S/C	0	170	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	0.8	0.0	0.8
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						3.3	52.9	-49.6
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	17.6	0.0	17.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	266	3.3	0.0	3.3
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	7.2	0.0	7.2
21		RANCHI-SIPAT	D/C	0	10	3.5	0.0	3.5
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	158	0.0	1.6	-1.6
23		BUDHIPADAR-KORBA	D/C	0	0	4.5	0.0	4.5
ER-WR						36.1	1.6	34.5
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	27.2	-27.2
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	347.1	0.0	15.5	-15.5
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2364.2	0.0	50.5	-50.5
27	400 kV	TALCHER-I/C	D/C	0.0	409.4	3.5	5.3	-1.9
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	93.2	-93.2
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	955	0.0	3.9	-4
30		ALIPURDUAR-BONGAIGAON	D/C	0	829	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.1	-1
ER-NER						3.9	5.0	-1.1
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	86	2041	0.0	49.7	-49.7
34		V'CHAL B/B	D/C	200	200	1.7	2.2	-0.4
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2300	0.0	43.8	-43.8
37		PHAGI-GWALIOR	D/C	486	950	0.0	16.2	-16.2
38		JABALPUR-ORAI	D/C	0	49	0.0	22.4	-22.4
39	400 kV	ZERDA-KANKROLI	S/C	456	0	8.4	0.0	8.4
40		ZERDA -BHINMAL	S/C	445	0	7.5	0.0	7.5
41		V'CHAL -RIHAND	S/C	974	0	22.7	0.0	22.7
42		RAPP-SHUJALPUR	D/C	85	171	0	0	0
43	220 kV	BADOD-KOTA	S/C	114	1	1.4	0.0	1.4
44		BADOD-MORAK	S/C	69	25	0.6	0.1	0.5
45		MEHGAON-AURAIYA	S/C	73	0	1.0	0.0	1.0
46		MALANPUR-AURAIYA	S/C	42	0	0.4	0.0	0.4
47	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						43.6	142.1	-98.6
Import/Export of WR (With SR)								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.8	-18.8
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 kV	SOLAPUR-RAICHUR	D/C	203	1180	0.0	12.6	-12.6
51		WARDHA-NIZAMABAD	D/C	0	2195	0.0	37.4	-37.4
52	400 kV	KOLHAPUR-KUDGI	D/C	535	0	6.5	0.0	6.5
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						8.7	68.7	-60.0
TRANSNATIONAL EXCHANGE								
56		BHUTAN						0.8
57		NEPAL						-10.6
58		BANGLADESH						-14.8