



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: 25th 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 24.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-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 24th 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 25-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40034	45577	44772	20783	2321	153487
Peak Shortage (MW)	976	44	0	77	100	1198
Energy Met (MU)	901	1098	1057	424	39	3520
Hydro Gen(MU)	103	28	67	38	7	244
Wind Gen(MU)	3	46	27	-----	-----	75
Solar Gen (MU)*	7.02	20.22	52.74	0.91	0.02	81
Energy Shortage (MU)	10.3	0.0	0.0	0.2	1.2	11.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42857	48672	46695	21084	2285	158839

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	0.034	0.00	0.00	7.28	7.28	81.82	10.90

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	5733	0	116.9	25.3	-0.3	56	0.0
	Haryana	5993	0	124.8	49.8	2.4	243	0.0
	Rajasthan	9534	0	183.5	53.0	-0.3	212	0.0
	Delhi	3295	0	66.7	51.6	-0.2	168	0.0
	UP	14592	505	300.0	110.4	1.1	556	0.0
	Uttarakhand	1818	0	35.8	27.7	0.7	185	0.0
	HP	1472	0	26.5	20.3	0.8	142	0.1
	J&K	2099	525	43.4	39.6	-1.9	145	10.2
WR	Chandigarh	169	0	3.1	3.0	0.1	34	0.0
	Chhattisgarh	3837	0	87.6	15.8	-2.1	86	0.0
	Gujarat	15190	0	327.3	173.5	0.2	493	0.0
	MP	8748	0	177.3	81.6	-1.5	184	0.0
	Maharashtra	20961	0	458.3	134.4	-0.4	584	0.0
	Goa	473	0	9.6	9.8	-0.9	12	0.0
	DD	331	0	7.5	7.3	0.2	47	0.0
	DNH	761	0	17.8	17.0	0.8	63	0.0
SR	Essar steel	595	0	12.9	13.0	-0.1	164	0.0
	Andhra Pradesh	8730	0	184.9	62.9	-0.5	519	0.0
	Telangana	10118	0	226.2	117.3	0.8	757	0.0
	Karnataka	10294	0	228.0	82.7	-1.4	409	0.0
	Kerala	3802	0	75.7	52.1	2.0	224	0.0
	Tamil Nadu	14288	0	334.9	166.4	1.6	613	0.0
ER	Pondy	352	0	7.7	8.0	-0.4	35	0.0
	Bihar	4464	0	82.3	71.6	1.3	280	0.0
	DVC	3323	0	69.6	-55.5	0.3	342	0.0
	Jharkhand	1207	0	24.8	14.5	1.4	106	0.2
	Odisha	4257	0	84.9	31.0	2.4	357	0.0
	West Bengal	8898	0	161.6	40.9	3.1	330	0.0
NER	Sikkim	89	0	1.3	1.3	0.0	30	0.0
	Arunachal Pradesh	95	2	2.2	1.8	0.4	43	0.0
	Assam	1365	66	22.2	17.1	0.6	128	1.1
	Manipur	176	1	2.3	2.4	-0.2	19	0.0
	Meghalaya	302	2	5.1	3.6	0.1	49	0.0
	Mizoram	83	5	1.5	1.2	0.2	19	0.0
NER	Nagaland	132	2	2.0	1.9	0.1	39	0.0
	Tripura	233	2	4.0	3.3	0.5	75	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.9	-10.3	-14.8
Day peak (MW)	148.8	-477.5	-651.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	151.7	-194.1	119.1	-82.3	3.4	-2.1
Actual(MU)	145.7	-201.8	116.0	-65.5	3.3	-2.3
O/D/U/D(MU)	-6.0	-7.7	-3.2	16.8	-0.1	-0.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5260	12121	5902	1580	220	25084
State Sector	9845	17853	3410	4315	50	35473
Total	15105	29974	9312	5895	270	60556

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	570	1137	703	475	10	2895
Hydro	103	28	67	38	6	242
Nuclear	28	24	47	0	0	98
Gas, Naptha & Diesel	30	57	21	0	23	131
RES (Wind, Solar, Biomass & Others)	39	66	118	2	0	225
Total	770	1311	955	516	39	3590

*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 : 25-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	322	0.0	3.9	-3.9
2		SASARAM-FATEHPUR	S/C	0	127	0.0	0.2	-0.2
3		GAYA-BALIA	S/C	0	369	0.0	6.4	-6.4
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	12.4	-12.4
5		PUSAULI B/B	S/C	0	0	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	0	9	0.8	0.0	0.8
7		PUSAULI -ALLAHABAD	S/C	0	0	2.0	0.0	2.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	300	0.0	2.1	-2.1
9		PATNA-BALIA	Q/C	0	793	0.0	12.6	-12.6
10		BIHARSHARIFF-BALIA	D/C	0	169	0.0	3.9	-3.9
11		MOTHARI-GORAKHPUR	D/C	0	264	0.0	4.3	-4.3
12		BIHARSHARIFF-VARANASI	D/C	0	398	0.0	0.4	-0.4
13	220 kV	PUSAULI-SAHUPURI	S/C	0	171	0.0	3.4	-3.4
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						3.5	49.6	-46.0
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	13.9	0.0	13.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	335	1.6	0.0	1.6
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	8.6	0.0	8.6
21		RANCHI-SIPAT	D/C	0	19	2.8	0.0	2.8
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	120	0.0	1.0	-1.0
23		BUDHIPADAR-KORBA	D/C	0	0	5.5	0.0	5.5
ER-WR						32.3	1.0	31.4
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	25.4	-25.4
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	415.2	0.0	14.9	-14.9
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2277.6	0.0	50.3	-50.3
27	400 kV	TALCHER-I/C	D/C	0.0	595.5	2.3	6.4	-4.2
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	90.6	-90.6
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1129	0.0	4.8	-5
30		ALIPURDUAR-BONGAIGAON	D/C	0	962	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1
ER-NER						3.9	6.1	-2.2
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	1166	0.0	50.3	-50.3
34		V'CHAL B/B	D/C	0	250	0.0	6.0	-6.0
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2574	0.0	53.0	-53.0
37		PHAGI-GWALIOR	D/C	783	1080	0.0	21.1	-21.1
38	400 kV	ZERDA-KANKROLI	S/C	458	0	5.9	0.0	5.9
39		ZERDA -BHINMAL	S/C	559	0	7.0	0.0	7.0
40		V'CHAL -RIHAND	S/C	1269	0	22.7	0.0	22.7
41		RAPP-SHUJALPUR	D/C	0	233	0	2	-2
42	220 kV	BADOD-KOTA	S/C	93	0	1.3	0.0	1.3
43		BADOD-MORAK	S/C	47	46	0.5	0.1	0.4
44		MEHGAON-AURAIYA	S/C	70	0	0.9	0.0	0.9
45		MALANPUR-AURAIYA	S/C	36	8	0.3	0.0	0.2
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						38.5	139.7	-101.2
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1043	0.0	15.3	-15.3
50		WARDHA-NIZAMABAD	D/C	0	2030	0.0	38.1	-38.1
51	400 kV	KOLHAPUR-KUDGI	D/C	437	0	6.5	0.0	6.5
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	104	0	1.9	0.0	1.9
WR-SR						8.4	77.3	-68.9
TRANSNATIONAL EXCHANGE								
55		BHUTAN						1.9
56		NEPAL						-10.3
57		BANGLADESH						-14.8