



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: 26th 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 25.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-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 25th 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 26-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	38077	42743	42101	18161	2285	143366
Peak Shortage (MW)	744	31	116	0	66	957
Energy Met (MU)	868	1070	1008	407	39	3391
Hydro Gen(MU)	101	20	53	22	6	203
Wind Gen(MU)	6	49	41	-----	-----	97
Solar Gen (MU)*	10.10	19.95	53.05	1.36	0.02	84
Energy Shortage (MU)	12.7	0.0	0.0	0.0	0.9	13.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	40131	46607	44021	18718	2316	147997

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	0.029	0.00	0.00	5.13	5.13	83.32	11.55

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	5493	0	114.4	26.4	-0.7	100	0.0
	Haryana	5907	0	118.5	44.2	5.6	455	0.0
	Rajasthan	8918	0	175.6	51.9	-0.1	301	0.0
	Delhi	3045	0	62.9	51.2	-1.5	179	0.0
	UP	14152	255	292.3	112.2	1.5	578	2.4
	Uttarakhand	1737	0	33.1	25.9	0.0	90	0.0
	HP	1349	0	24.3	19.0	0.0	90	0.0
	J&K	2137	534	43.8	40.0	-1.4	168	10.3
WR	Chandigarh	150	0	2.8	2.9	0.0	35	0.0
	Chhattisgarh	3589	0	84.9	16.2	-1.4	40	0.0
	Gujarat	14233	0	315.7	157.5	1.8	468	0.0
	MP	8646	0	173.4	80.7	-2.3	536	0.0
	Maharashtra	20215	0	451.0	135.8	-0.8	386	0.0
	Goa	425	0	9.2	8.8	-0.2	32	0.0
	DD	296	0	6.9	6.8	0.1	43	0.0
	DNH	749	0	17.4	16.7	0.7	60	0.0
SR	Essar steel	556	0	11.2	10.7	0.5	170	0.0
	Andhra Pradesh	8472	0	182.6	47.5	-0.6	830	0.0
	Telangana	9670	0	219.6	109.4	-0.2	410	0.0
	Karnataka	9988	0	218.8	80.5	-0.7	476	0.0
	Kerala	3674	0	71.4	52.6	2.0	249	0.0
	Tamil Nadu	13423	0	308.7	160.3	-1.7	391	0.0
ER	Pondy	315	0	7.1	7.6	-0.5	23	0.0
	Bihar	4345	0	81.2	70.4	1.4	385	0.0
	DVC	2949	0	65.5	-57.8	-0.4	280	0.0
	Jharkhand	1140	0	20.6	11.4	0.3	160	0.0
	Odisha	4147	0	84.5	32.8	1.7	335	0.0
	West Bengal	7367	0	154.0	38.5	0.7	91	0.0
NER	Sikkim	81	0	1.1	1.1	0.0	16	0.0
	Arunachal Pradesh	103	6	2.3	1.9	0.4	43	0.0
	Assam	1369	33	21.7	17.9	0.9	128	0.7
	Manipur	174	3	2.2	2.4	-0.2	19	0.0
	Meghalaya	279	1	5.1	4.2	-0.4	49	0.0
	Mizoram	88	5	1.4	1.3	0.0	19	0.1
NER	Nagaland	130	4	2.0	1.9	0.0	39	0.0
	Tripura	258	0	4.0	5.2	0.5	75	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	0.8	-8.9	-14.8
Day peak (MW)	101.1	-451.9	-647.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	148.3	-198.4	121.1	-74.2	3.9	0.6
Actual(MU)	145.3	-200.4	114.8	-64.3	4.0	-0.6
O/D/U/D(MU)	-3.0	-2.0	-6.2	9.9	0.1	-1.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5260	12761	1552	2140	220	21934
State Sector	9235	17913	790	3715	50	31703
Total	14495	30674	2342	5855	270	53636

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	536	1119	654	462	10	2781
Hydro	101	20	53	22	6	203
Nuclear	28	20	46	0	0	95
Gas, Naptha & Diesel	24	53	21	0	23	122
RES (Wind, Solar, Biomass & Others)	45	69	131	2	0	248
Total	735	1282	906	487	39	3449

*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(मि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 26-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	351	0.0	5.0	-5.0
2		SASARAM-FATEHPUR	S/C	0	88	0.0	0.1	-0.1
3		GAYA-BALIA	S/C	0	428	0.0	7.8	-7.8
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	11.9	-11.9
5		PUSAULI B/B	S/C	0	0	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	0	44	0.2	0.0	0.2
7		PUSAULI -ALLAHABAD	S/C	0	0	1.7	0.0	1.7
8		MUZAFFARPUR-GORAKHPUR	D/C	0	232	0.0	2.6	-2.6
9		PATNA-BALIA	Q/C	0	614	0.0	11.3	-11.3
10		BIHARSHARIFF-BALIA	D/C	0	159	0.0	4.2	-4.2
11		MOTIHARI-GORAKHPUR	D/C	0	254	0.0	4.2	-4.2
12		BIHARSHARIFF-VARANASI	D/C	0	409	0.0	0.8	-0.8
13	220 kV	PUSAULI-SAHUPURI	S/C	0	161	0.0	3.2	-3.2
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4
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						2.3	51.0	-48.7
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	17.5	0.0	17.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	257	3.2	0.0	3.2
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	8.2	0.0	8.2
21		RANCHI-SIPAT	D/C	0	0	3.6	0.0	3.6
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	115	0.0	1.4	-1.4
23		BUDHIPADAR-KORBA	D/C	0	0	4.8	0.0	4.8
ER-WR						37.5	1.4	36.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	28.6	-28.6
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	322.5	0.0	14.5	-14.5
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2024.7	0.0	48.0	-48.0
27	400 kV	TALCHER-I/C	D/C	0.0	563.2	2.1	6.7	-4.6
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	91.1	-91.1
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1087	0.0	4.8	-5
30		ALIPURDUAR-BONGAIGAON	D/C	0	930	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.5	-1
ER-NER						3.9	6.3	-2.4
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	1185	0.0	45.0	-45.0
34		V'CHAL B/B	D/C	200	250	1.1	3.1	-2.0
35		APL -MHG	D/C	0	307	0.0	7.7	-7.7
36	765 kV	GWALIOR-AGRA	D/C	0	2860	0.0	54.1	-54.1
37		PHAGI-GWALIOR	D/C	480	1186	0.0	21.9	-21.9
38	400 kV	ZERDA-KANKROLI	S/C	438	0	7.1	0.0	7.1
39		ZERDA -BHINMAL	S/C	378	0	5.6	0.0	5.6
40		V'CHAL -RIHAND	S/C	963	0	22.1	0.0	22.1
41		RAPP-SHUJALPUR	D/C	0	269	0	2	-2
42	220 kV	BADOD-KOTA	S/C	104	17	1.2	0.0	1.2
43		BADOD-MORAK	S/C	54	35	0.5	0.1	0.3
44		MEHGAON-AURAIYA	S/C	67	0	0.8	0.0	0.8
45		MALANPUR-AURAIYA	S/C	33	10	0.2	0.0	0.1
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						38.5	134.1	-95.6
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	78	931	0.0	13.1	-13.1
50		WARDHA-NIZAMABAD	D/C	0	2122	0.0	37.3	-37.3
51	400 kV	KOLHAPUR-KUDGI	D/C	429	0	4.6	0.0	4.6
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						6.5	74.4	-67.9
TRANSNATIONAL EXCHANGE								
55		BHUTAN						0.8
56		NEPAL						-8.9
57		BANGLADESH						-14.8