



**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: 11<sup>th</sup> 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 10.03.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10<sup>th</sup> -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 10<sup>th</sup> 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

11-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40363	45895	43219	19437	2214	151129
Peak Shortage (MW)	2731	90	182	145	43	3191
Energy Met (MU)	902	1093	1022	382	39	3437
Hydro Gen(MU)	106	33	75	29	6	248
Wind Gen(MU)	11	28	45	-----	-----	84
Solar Gen (MU)*	6.95	17.52	50.32	0.85	0.02	76
Energy Shortage (MU)	30.2	0.0	2.0	0.4	0.4	33.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43598	49395	45726	19654	2219	155698

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	0.062	0.00	0.57	20.54	21.11	74.91	3.98

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	6206	0	133.0	29.1	-2.0	194	0.0
	Haryana	6273	145	128.5	71.6	3.6	335	0.9
	Rajasthan	10209	248	204.1	55.4	4.0	533	1.5
	Delhi	3234	0	61.2	49.2	0.5	254	0.0
	UP	12123	2220	269.3	98.7	1.7	684	17.7
	Uttarakhand	1808	0	33.9	25.1	0.2	102	0.0
	HP	1451	7	26.5	20.3	1.8	140	0.1
	J&K	2017	504	42.3	39.3	-2.2	281	10.0
	Chandigarh	168	0	3.0	2.8	0.3	20	0.0
WR	Chhattisgarh	3649	0	81.2	20.4	-1.5	58	0.0
	Gujarat	14621	0	321.5	166.7	1.6	484	0.0
	MP	9050	0	186.7	93.3	-1.2	303	0.0
	Maharashtra	21437	0	458.4	139.8	0.9	352	0.0
	Goa	478	0	10.0	9.5	0.2	35	0.0
	DD	334	0	7.5	6.8	0.7	75	0.0
	DNH	756	0	17.6	16.9	0.7	65	0.0
	Essar steel	507	0	9.9	10.8	-0.8	201	0.0
	SR	Andhra Pradesh	8617	0	179.6	47.9	-0.9	360
Telangana		9942	0	216.2	110.7	0.0	388	0.3
Karnataka		10717	0	234.8	81.5	-1.8	408	0.4
Kerala		3737	0	77.1	49.2	1.4	250	0.2
Tamil Nadu		14052	0	307.3	147.9	-0.9	415	0.7
Pondy		320	0	6.7	7.2	-0.5	133	0.0
ER	Bihar	4162	0	71.5	67.1	-2.0	285	0.0
	DVC	3441	0	66.7	-51.3	-2.3	240	0.0
	Jharkhand	1024	0	21.8	17.1	2.1	145	0.4
	Odisha	4151	0	77.0	28.5	1.3	300	0.0
	West Bengal	7844	0	143.7	16.2	0.6	320	0.0
	Sikkim	94	0	1.7	1.3	0.3	21	0.0
NER	Arunachal Pradesh	120	1	2.0	1.6	0.4	59	0.0
	Assam	1289	32	22.0	18.7	0.8	146	0.3
	Manipur	168	5	2.4	2.4	0.0	22	0.0
	Meghalaya	296	19	5.1	3.1	0.1	57	0.0
	Mizoram	83	2	1.5	1.2	0.3	34	0.0
	Nagaland	124	1	2.1	1.7	0.2	40	0.0
	Tripura	227	2	3.7	2.9	0.1	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.4	-8.1	-13.8
Day peak (MW)	159.4	-829.0	-634.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	138.8	-125.7	104.0	-126.1	3.4	-5.7
Actual(MU)	139.2	-137.3	115.4	-119.5	3.4	1.1
O/D/U/D(MU)	0.4	-11.6	11.4	6.6	0.0	6.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5395	15666	6552	480	218	28312
State Sector	12175	20016	3890	3905	50	40036
Total	17570	35682	10442	4385	268	68347

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	579	1082	678	500	11	2850
Hydro	106	33	75	29	6	248
Nuclear	23	24	26	0	0	73
Gas, Naptha & Diesel	25	51	19	0	23	117
RES (Wind, Solar, Biomass & Others)	46	46	142	2	0	236
Total	778	1235	940	531	39	3524

\*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(ग्रि०प्रा०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

**INTER-REGIONAL EXCHANGES**

Date of Reporting : 11-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)
<b>Import/Export of ER (With NR)</b>								
1	765kV	GAYA-VARANASI	D/C	0	444	0.0	6.9	-6.9
2		SASARAM-FATEHPUR	S/C	0	211	0.0	1.9	-1.9
3		GAYA-BALIA	S/C	0	425	0.0	6.5	-6.5
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.8	-4.8
6	400 kV	PUSAULI-VARANASI	S/C	0	148	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	109	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	442	0.0	6.4	-6.4
9		PATNA-BALIA	Q/C	0	1304	0.0	17.2	-17.2
10		BIHARSHARIFF-BALIA	D/C	0	338	0.0	5.3	-5.3
11		MOTIHARI-GORAKHPUR	D/C	0	429	0.0	7.6	-7.6
12	220 kV	BIHARSHARIFF-VARANASI	D/C	0	49	0.0	3.9	-3.9
13		PUSAULI-SAHUPURI	S/C	0	158	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	0.7	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
<b>ER-NR</b>						<b>0.7</b>	<b>63.5</b>	<b>-62.8</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	4.6	0.0	4.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	771	0.0	10.5	-10.5
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	387	0.0	6.2	-6.2
21		RANCHI-SIPAT	D/C	0	0	0.0	1.4	-1.4
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	102	0.0	1.1	-1.1
23		BUDHIPADAR-KORBA	D/C	0	0	2.3	0.0	2.3
<b>ER-WR</b>						<b>6.9</b>	<b>19.2</b>	<b>-12.3</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	31.5	-31.5
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	340.2	0.0	15.6	-15.6
26		TALCHER-KOLAR BIPOLE	D/C	0.0	2275.4	0.0	50.5	-50.5
27	400 kV	TALCHER-I/C	D/C	0.0	0.0	8.5	1.0	7.5
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>97.7</b>	<b>-97.7</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	83	3.0	0.0	3
30		ALIPURDUAR-BONGAIGAON	D/C	0	105	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.6	-1
<b>ER-NER</b>						<b>6.9</b>	<b>0.6</b>	<b>6.3</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	470	0	11.7	0.0	11.7
<b>NER-NR</b>						<b>11.7</b>	<b>0.0</b>	<b>11.7</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1063	0.0	42.7	-42.7
34		V'CHAL B/B	D/C	0	0	0.0	0.0	0.0
35		APL -MHG	D/C	0	407	0.0	9.3	-9.3
36	765 kV	GWALIOR-AGRA	D/C	0	2356	0.0	47.2	-47.2
37		PHAGI-GWALIOR	D/C	483	1316	0.0	26.1	-26.1
38	400 kV	ZERDA-KANKROLI	S/C	395	0	7.6	0.0	7.6
39		ZERDA -BHINMAL	S/C	362	0	6.4	0.0	6.4
40		V'CHAL -RIHAND	S/C	968	0	22.6	0.0	22.6
41		RAPP-SHUJALPUR	D/C	0	323	0	3	-3
42	220 kV	BADOD-KOTA	S/C	91	0	1.3	0.0	1.3
43		BADOD-MORAK	S/C	43	16	0.3	0.1	0.2
44		MEHGAON-AURAIYA	S/C	86	0	1.7	0.0	1.7
45	132kV	MALANPUR-AURAIYA	S/C	38	0	0.6	0.0	0.6
46		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>40.6</b>	<b>128.2</b>	<b>-87.6</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.8	-23.8
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	484	1014	0.0	11.7	-11.7
50		WARDHA-NIZAMABAD	D/C	0	1856	0.0	35.6	-35.6
51	400 kV	KOLHAPUR-KUDGI	D/C	526	0	5.8	0.0	5.8
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	109	0	2.2	0.0	2.2
<b>WR-SR</b>						<b>8.0</b>	<b>71.1</b>	<b>-63.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						2.4
56		NEPAL						-8.1
57		BANGLADESH						-13.8