



**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: 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 11.03.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11-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 11<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 12-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40458	42796	40372	19081	2197	144903
Peak Shortage (MW)	1063	21	0	0	38	1122
Energy Met (MU)	911	1059	967	377	37	3351
Hydro Gen(MU)	104	19	57	24	6	209
Wind Gen(MU)	6	33	50	-----	-----	89
Solar Gen (MU)*	6.97	18.65	48.80	0.84	0.02	75
Energy Shortage (MU)	17.0	0.0	0.0	0.0	0.6	17.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43084	47632	42758	19377	2161	150325

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	0.045	0.00	0.00	13.01	13.01	83.02	3.97

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	6120	0	130.9	29.8	-1.2	93	0.0
	Haryana	6933	38	130.0	60.0	2.4	210	2.5
	Rajasthan	10045	526	198.3	61.0	1.7	472	0.9
	Delhi	3161	0	59.9	46.9	0.2	150	0.0
	UP	13436	560	289.7	96.1	1.9	519	3.6
	Uttarakhand	1715	0	32.4	23.4	0.4	124	0.0
	HP	1380	5	24.8	19.1	1.5	174	0.0
	J&K	2020	505	42.3	39.0	-1.3	167	10.0
WR	Chandigarh	156	0	2.8	2.6	0.2	35	0.0
	Chhattisgarh	3561	0	81.4	22.7	-2.4	71	0.0
	Gujarat	14023	0	308.6	165.0	-0.6	308	0.0
	MP	9078	0	184.1	93.1	-2.4	329	0.0
	Maharashtra	20100	0	440.1	141.8	-0.6	328	0.0
	Goa	462	0	9.1	8.6	0.3	40	0.0
	DD	307	0	7.1	6.4	0.6	84	0.0
	DNH	741	0	17.5	16.9	0.6	52	0.0
SR	Essar steel	519	0	10.7	10.0	0.7	219	0.0
	Andhra Pradesh	8468	0	171.7	42.4	-1.1	435	0.0
	Telangana	9587	0	211.4	113.4	-0.4	450	0.0
	Karnataka	10032	0	219.1	84.5	-2.4	481	0.0
	Kerala	3506	0	69.6	46.5	1.7	268	0.0
	Tamil Nadu	13125	0	288.9	128.7	-1.2	364	0.0
ER	Pondy	309	0	6.7	7.2	-0.5	30	0.0
	Bihar	4277	0	73.3	66.8	0.9	260	0.0
	DVC	2888	0	68.3	-54.0	-2.1	80	0.0
	Jharkhand	1132	0	20.6	15.2	2.8	200	0.0
	Odisha	4113	0	76.6	27.7	1.8	300	0.0
	West Bengal	7287	0	137.3	11.5	1.4	350	0.0
NER	Sikkim	88	0	1.1	1.1	0.0	25	0.0
	Arunachal Pradesh	99	1	2.0	1.6	0.4	59	0.0
	Assam	1290	11	19.6	17.9	-0.7	146	0.5
	Manipur	147	6	2.2	2.2	0.0	22	0.0
	Meghalaya	299	4	5.0	3.3	-0.3	57	0.0
	Mizoram	73	5	1.5	1.2	0.3	34	0.0
NER	Nagaland	93	15	2.4	1.8	0.4	40	0.0
	Tripura	219	3	3.8	2.9	0.2	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.6	-9.8	-14.6
Day peak (MW)	143.5	-486.4	-644.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	133.2	-117.1	104.5	-123.5	2.3	-0.6
Actual(MU)	132.4	-126.4	105.9	-113.5	1.7	0.1
O/D/U/D(MU)	-0.8	-9.3	1.4	10.0	-0.6	0.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5395	15436	5752	980	268	27832
State Sector	9685	19901	3220	3695	50	36551
Total	15080	35337	8972	4675	318	64382

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	605	1057	646	493	10	2811
Hydro	104	19	57	24	6	209
Nuclear	23	24	24	0	0	71
Gas, Naptha & Diesel	24	50	19	0	23	116
RES (Wind, Solar, Biomass & Others)	41	51	144	2	0	238
Total	797	1201	890	518	39	3444

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

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : <b>12-Mar-18</b>
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)
<b>Import/Export of ER (With NR)</b>								
1	765kV	GAYA-VARANASI	D/C	0	410	0.0	6.7	-6.7
2		SASARAM-FATEHPUR	S/C	0	185	0.0	1.2	-1.2
3		GAYA-BALIA	S/C	0	387	0.0	6.4	-6.4
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.7	-4.7
6	400 kV	PUSAULI-VARANASI	S/C	0	157	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	94	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	327	0.0	5.5	-5.5
9		PATNA-BALIA	Q/C	0	903	0.0	15.9	-15.9
10		BIHARSHARIFF-BALIA	D/C	0	291	0.0	5.0	-5.0
11		MOTHARI-GORAKHPUR	D/C	0	317	0.0	6.5	-6.5
12		BIHARSHARIFF-VARANASI	D/C	0	79	0.0	2.7	-2.7
13	220 kV	PUSAULI-SAHUPURI	S/C	0	157	0.0	2.8	-2.8
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>57.4</b>	<b>-56.7</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	3.9	0.0	3.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	633	0.0	9.7	-9.7
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	374	0.0	6.5	-6.5
21		RANCHI-SIPAT	D/C	0	0	0.0	1.2	-1.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	125	0.0	1.6	-1.6
23		BUDHIPADAR-KORBA	D/C	0	0	0.2	0.0	0.2
<b>ER-WR</b>						<b>4.1</b>	<b>18.9</b>	<b>-14.8</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	29.9	-29.9
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	340.2	0.0	16.0	-16.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2276.5	0.0	51.2	-51.2
27	400 kV	TALCHER-I/C	D/C	0.0	0.0	10.0	0.8	9.2
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>97.1</b>	<b>-97.1</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	45	3.7	0.0	4
30		ALIPURDUAR-BONGAIGAON	D/C	0	67	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.5	0
<b>ER-NER</b>						<b>7.6</b>	<b>0.5</b>	<b>7.1</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	1070	0.0	42.9	-42.9
34		V'CHAL B/B	D/C	250	0	0.0	0.0	0.0
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2318	0.0	45.9	-45.9
37		PHAGI-GWALIOR	D/C	483	1326	0.0	25.3	-25.3
38	400 kV	ZERDA-KANKROLI	S/C	348	0	7.0	0.0	7.0
39		ZERDA -BHINMAL	S/C	328	0	5.4	0.0	5.4
40		V'CHAL -RIHAND	S/C	968	0	22.5	0.0	22.5
41		RAPP-SHUJALPUR	D/C	0	337	0	3	-3
42	220 kV	BADOD-KOTA	S/C	89	0	1.0	0.0	1.0
43		BADOD-MORAK	S/C	54	28	0.3	0.2	0.2
44		MEHGAON-AURAIYA	S/C	96	0	1.8	0.0	1.8
45		MALANPUR-AURAIYA	S/C	53	0	0.8	0.0	0.8
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>39.0</b>	<b>124.7</b>	<b>-85.7</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.0	-22.0
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	627	962	0.0	7.3	-7.3
50		WARDHA-NIZAMABAD	D/C	0	1989	0.0	32.1	-32.1
51	400 kV	KOLHAPUR-KUDGI	D/C	438	0	6.1	0.0	6.1
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>8.2</b>	<b>61.3</b>	<b>-53.1</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						<b>2.6</b>
56		NEPAL						<b>-9.8</b>
57		BANGLADESH						<b>-14.6</b>