



**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: 13<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 12.03.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-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 12<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 13-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40709	45740	44085	19507	2384	152425
Peak Shortage (MW)	1695	68	0	0	68	1830
Energy Met (MU)	929	1086	1021	386	40	3462
Hydro Gen(MU)	100	23	72	29	6	231
Wind Gen(MU)	7	34	74	-----	-----	115
Solar Gen (MU)*	4.03	19.30	47.71	0.71	0.02	72
Energy Shortage (MU)	13.0	0.0	0.0	0.0	0.6	13.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	45041	50180	45697	20125	2297	157348

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	13.18	13.18	82.41	4.41

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	6109	0	131.7	32.1	-0.7	74	0.0
	Haryana	6585	38	135.1	57.4	1.5	262	0.2
	Rajasthan	9781	294	196.5	58.7	2.8	600	0.7
	Delhi	3388	0	65.5	52.4	0.3	210	0.0
	UP	13279	0	296.0	95.0	1.5	599	1.8
	Uttarakhand	1812	0	34.2	25.1	0.4	170	0.1
	HP	1430	0	24.9	19.9	0.8	156	0.2
	J&K	2062	516	42.4	38.3	-0.6	371	10.0
WR	Chandigarh	173	0	3.2	2.9	0.3	38	0.0
	Chhattisgarh	3717	0	83.5	24.1	-1.8	70	0.0
	Gujarat	14794	0	318.3	166.3	2.6	324	0.0
	MP	9211	0	186.6	95.0	-3.5	337	0.0
	Maharashtra	21634	0	457.2	142.5	-1.5	403	0.0
	Goa	462	0	9.1	9.1	-0.3	36	0.0
	DD	331	0	7.3	6.5	0.7	105	0.0
	DNH	763	0	17.7	17.0	0.7	68	0.0
SR	Essar steel	423	0	6.6	6.7	-0.1	206	0.0
	Andhra Pradesh	8797	0	180.7	40.9	-0.5	380	0.0
	Telangana	9953	0	214.3	103.4	-1.0	365	0.0
	Karnataka	10589	0	232.3	81.4	-0.1	396	0.0
	Kerala	3844	0	76.0	46.7	2.0	268	0.0
	Tamil Nadu	14742	0	310.7	127.5	-0.4	350	0.0
ER	Pondy	352	0	7.3	7.6	-0.3	48	0.0
	Bihar	4288	0	73.4	68.4	-2.4	100	0.0
	DVC	2940	0	66.5	-54.7	-1.6	60	0.0
	Jharkhand	1201	0	23.3	14.9	1.5	220	0.0
	Odisha	4187	0	78.0	28.8	1.1	300	0.0
	West Bengal	7629	0	143.3	18.3	1.7	430	0.0
NER	Sikkim	93	0	1.1	1.3	-0.2	20	0.0
	Arunachal Pradesh	124	1	2.1	1.6	0.5	59	0.0
	Assam	1368	51	22.3	19.5	0.7	146	0.5
	Manipur	170	2	2.3	2.4	-0.2	22	0.0
	Meghalaya	320	0	5.3	3.4	-0.1	57	0.0
	Mizoram	82	1	1.6	1.1	-0.1	34	0.0
NER	Nagaland	122	1	2.0	1.7	0.2	40	0.0
	Tripura	242	0	4.0	2.9	0.6	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.5	-10.4	-14.8
Day peak (MW)	126.6	-505.1	-648.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	137.9	-113.0	87.2	-117.8	5.5	-0.2
Actual(MU)	140.7	-119.7	79.8	-107.5	5.4	-1.3
O/D/U/D(MU)	2.7	-6.7	-7.3	10.3	-0.1	-1.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5395	15376	6852	1505	268	29397
State Sector	10245	18768	3760	3485	50	36308
Total	15640	34144	10612	4990	318	65704

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	621	1072	672	493	9	2868
Hydro	100	23	72	29	6	231
Nuclear	23	24	29	0	0	76
Gas, Naptha & Diesel	25	52	21	0	22	120
RES (Wind, Solar, Biomass & Others)	39	53	167	2	0	261
Total	808	1224	961	524	38	3556

\*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>13-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	435	0.0	6.7	-6.7
2		SASARAM-FATEHPUR	S/C	0	179	0.0	0.8	-0.8
3		GAYA-BALIA	S/C	0	401	0.0	6.9	-6.9
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	152	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	114	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	375	0.0	6.5	-6.5
9		PATNA-BALIA	Q/C	0	994	0.0	19.1	-19.1
10		BIHARSHARIFF-BALIA	D/C	0	295	0.0	5.4	-5.4
11		MOTHARI-GORAKHPUR	D/C	0	315	0.0	6.0	-6.0
12		BIHARSHARIFF-VARANASI	D/C	0	93	0.0	3.5	-3.5
13		220 kV	PUSAULI-SAHUPURI	S/C	0	167	0.0	3.1
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>62.6</b>	<b>-61.9</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	0.8	0.0	0.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	711	0.0	6.9	-6.9
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	382	0.0	5.8	-5.8
21		RANCHI-SIPAT	D/C	0	163	0.0	0.3	-0.3
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	114	0.0	1.6	-1.6
23		BUDHIPADAR-KORBA	D/C	0	0	2.9	0.0	2.9
<b>ER-WR</b>						<b>3.7</b>	<b>14.6</b>	<b>-10.9</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	25.5	-25.5
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	344.3	0.0	16.0	-16.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1894.6	0.0	44.2	-44.2
27	400 kV	TALCHER-I/C	D/C	0.0	69.4	6.8	1.2	5.6
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>85.6</b>	<b>-85.6</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	154	2.2	0.0	2
30		ALIPURDUAR-BONGAIGAON	D/C	0	162	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.8	-1
<b>ER-NER</b>						<b>6.1</b>	<b>0.8</b>	<b>5.2</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	495	0	11.6	0.0	11.6
<b>NER-NR</b>						<b>11.6</b>	<b>0.0</b>	<b>11.6</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1328	0.0	49.4	-49.4
34		V'CHAL B/B	D/C	250	0	6.0	0.0	6.0
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2554	0.0	50.0	-50.0
37		PHAGI-GWALIOR	D/C	479	1284	0.0	22.8	-22.8
38	400 kV	ZERDA-KANKROLI	S/C	403	0	6.5	0.0	6.5
39		ZERDA -BHINMAL	S/C	373	0	5.1	0.0	5.1
40		V'CHAL -RIHAND	S/C	961	0	22.7	0.0	22.7
41		RAPP-SHUJALPUR	D/C	0	357	0	3	-3
42	220 kV	BADOD-KOTA	S/C	84	10	0.8	0.0	0.8
43		BADOD-MORAK	S/C	46	35	0.2	0.3	0.0
44		MEHGAON-AURAIYA	S/C	98	0	1.8	0.0	1.8
45		MALANPUR-AURAIYA	S/C	55	0	0.9	0.0	0.9
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>44.1</b>	<b>133.1</b>	<b>-89.0</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.3	-21.3
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	1037	757	0.0	2.7	-2.7
50		WARDHA-NIZAMABAD	D/C	0	1643	0.0	29.2	-29.2
51	400 kV	KOLHAPUR-KUDGI	D/C	780	0	10.1	0.0	10.1
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>12.3</b>	<b>53.2</b>	<b>-41.0</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						<b>2.5</b>
56		NEPAL						<b>-10.4</b>
57		BANGLADESH						<b>-14.8</b>