



**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: 2<sup>nd</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 01.03.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-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 1<sup>st</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

2-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40934	43791	43265	18274	2304	148569
Peak Shortage (MW)	521	0	0	0	64	585
Energy Met (MU)	921	1086	1014	366	40	3426
Hydro Gen(MU)	107	29	73	22	7	236
Wind Gen(MU)	6	22	45	-----	-----	72
Solar Gen (MU)*	8.92	16.84	53.21	0.85	0.02	80
Energy Shortage (MU)	13.1	0.0	0.0	0.0	0.5	13.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43393	50671	45397	18305	2246	152576

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	0.23	12.70	12.93	81.28	5.79

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	5434	0	121.3	29.2	-0.3	248	0.0
	Haryana	6399	588	123.8	64.9	1.6	184	0.3
	Rajasthan	9979	1073	203.7	58.8	3.4	370	3.6
	Delhi	3441	0	59.6	47.3	-1.1	171	0.0
	UP	14911	0	307.7	112.0	0.2	590	0.0
	Uttarakhand	1867	0	33.2	24.9	0.4	116	0.0
	HP	1420	0	25.8	19.9	0.9	157	0.0
	J&K	1984	548	42.7	39.0	-0.5	343	9.2
WR	Chandigarh	179	0	3.0	3.0	0.0	29	0.0
	Chhattisgarh	3461	0	79.3	19.1	-1.4	80	0.0
	Gujarat	14251	0	306.3	128.7	5.3	587	0.0
	MP	9890	0	201.0	110.1	-0.5	455	0.0
	Maharashtra	21790	0	454.8	151.1	-0.7	403	0.0
	Goa	471	0	9.9	9.1	0.2	42	0.0
	DD	325	0	7.3	6.7	0.6	96	0.0
	DNH	739	0	17.3	16.6	0.7	58	0.0
SR	Essar steel	478	0	9.9	10.4	-0.5	168	0.0
	Andhra Pradesh	8814	0	179.3	52.3	-0.3	543	0.0
	Telangana	9780	0	210.9	98.1	0.3	357	0.0
	Karnataka	10257	0	225.9	81.8	-0.5	411	0.0
	Kerala	3714	0	75.1	46.5	1.6	277	0.0
	Tamil Nadu	14534	0	315.7	153.0	3.0	717	0.0
ER	Pondy	340	0	7.2	7.7	-0.5	25	0.0
	Bihar	4078	0	71.8	64.6	-0.9	205	0.0
	DVC	2975	0	67.3	-42.1	-0.7	320	0.0
	Jharkhand	1144	0	24.2	14.9	0.3	75	0.0
	Odisha	4028	0	78.2	38.6	1.4	360	0.0
	West Bengal	6380	0	122.9	14.9	2.0	390	0.0
NER	Sikkim	100	0	1.6	1.6	0.0	12	0.0
	Arunachal Pradesh	114	7	1.9	1.9	0.0	59	0.0
	Assam	1320	32	23.4	18.5	1.8	146	0.3
	Manipur	170	3	2.2	2.6	-0.4	22	0.0
	Meghalaya	300	0	5.2	3.3	-0.1	57	0.0
	Mizoram	85	2	1.5	1.2	0.2	34	0.0
NER	Nagaland	127	1	1.9	1.9	-0.1	40	0.0
	Tripura	229	0	3.6	2.4	0.4	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.3	-8.2	-13.8
Day peak (MW)	101.3	-501.7	-650.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	156.6	-154.8	95.8	-101.6	3.6	-0.4
Actual(MU)	150.7	-156.9	95.8	-94.3	3.7	-1.0
O/D/U/D(MU)	-5.9	-2.1	0.0	7.3	0.1	-0.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4997	14566	6552	795	215	27125
State Sector	10930	19256	4020	4985	50	39241
Total	15927	33822	10572	5780	264	66365

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	591	1129	649	461	10	2840
Hydro	107	28	73	22	6	236
Nuclear	28	24	47	0	0	99
Gas, Naptha & Diesel	21	52	19	0	23	116
RES (Wind, Solar, Biomass & Others)	43	39	145	3	0	229
Total	790	1272	932	486	40	3520

\*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)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting :	2-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)	
<b>Import/Export of ER (With NR)</b>									
1	765kV	GAYA-VARANASI	D/C	0	415	0.0	6.6	-6.6	
2		SASARAM-FATEHPUR	S/C	0	212	0.0	1.9	-1.9	
3		GAYA-BALIA	S/C	0	367	0.0	6.1	-6.1	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	199	0.0	4.8	-4.8	
6	400 kV	PUSAULI-VARANASI	S/C	0	158	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	104	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	474	0.0	7.0	-7.0	
9		PATNA-BALIA	Q/C	0	1106	0.0	19.2	-19.2	
10		BIHARSHARIFF-BALIA	D/C	0	289	0.0	5.6	-5.6	
11		MOTHARI-GORAKHPUR	D/C	0	380	0.0	7.3	-7.3	
12	220 kV	BIHARSHARIFF-VARANASI	D/C	0	90	0.0	2.9	-2.9	
13		PUSAULI-SAHUPURI	S/C	0	147	0.0	3.3	-3.3	
14		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		132 kV	GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
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>0.5</b>	<b>64.8</b>	<b>-64.3</b>	
<b>Import/Export of ER (With WR)</b>									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	3.4	0.0	3.4	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	576	0.0	4.9	-4.9	
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	290	0.0	1.3	-1.3	
21		RANCHI-SIPAT	D/C	0	143	0.0	0.2	-0.2	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	132	0.0	1.7	-1.7	
23		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6	
<b>ER-WR</b>						<b>7.0</b>	<b>8.1</b>	<b>-1.1</b>	
<b>Import/Export of ER (With SR)</b>									
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	20.2	-20.2	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	347.1	0.0	14.7	-14.7	
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2262.8	0.0	47.1	-47.1	
27	400 kV	TALCHER-I/C	D/C	0.0	91.6	8.1	0.9	7.2	
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>81.9</b>	<b>-81.9</b>	
<b>Import/Export of ER (With NER)</b>									
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	211	2.8	0.0	3	
30		ALIPURDUAR-BONGAIGAON	D/C	0	213	3.9		4	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.6	-1	
<b>ER-NER</b>						<b>6.7</b>	<b>0.6</b>	<b>6.1</b>	
<b>Import/Export of NER (With NR)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	492	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	1440	0.0	45.9	-45.9	
34		V'CHAL B/B	D/C	250	150	3.3	0.5	2.8	
35		APL -MHG	D/C	0	608	0.0	14.5	-14.5	
36	765 kV	GWALIOR-AGRA	D/C	0	2742	0.0	49.2	-49.2	
37		PHAGI-GWALIOR	D/C	483	1334	0.0	24.6	-24.6	
38	400 kV	ZERDA-KANKROLI	S/C	307	0	5.5	0.0	5.5	
39		ZERDA -BHINMAL	S/C	276	2	4.1	0.0	4.1	
40		V'CHAL -RIHAND	S/C	968	0	22.7	0.0	22.7	
41		RAPP-SHUJALPUR	D/C	0	380	0	3	-3	
42	220 kV	BADOD-KOTA	S/C	93	2	1.1	0.0	1.1	
43		BADOD-MORAK	S/C	60	33	0.5	0.1	0.4	
44		MEHGAON-AURAIYA	S/C	109	0	1.9	0.0	1.9	
45		MALANPUR-AURAIYA	S/C	65	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>40.0</b>	<b>137.4</b>	<b>-97.4</b>	
<b>Import/Export of WR (With SR)</b>									
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	452	1323	0.0	11.7	-11.7	
50		WARDHA-NIZAMABAD	D/C	0	2109	0.0	33.5	-33.5	
51	400 kV	KOLHAPUR-KUDGI	D/C	540	0	6.7	0.0	6.7	
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>8.9</b>	<b>69.2</b>	<b>-60.3</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
55		BHUTAN						<b>2.3</b>	
56		NEPAL						<b>-8.2</b>	
57		BANGLADESH						<b>-13.8</b>	