



**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: 8<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 07.03.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07-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 7<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

8-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41196	45963	43790	19752	2311	153012
Peak Shortage (MW)	711	57	50	0	102	920
Energy Met (MU)	913	1091	1025	376	39	3444
Hydro Gen(MU)	109	29	75	29	6	247
Wind Gen(MU)	6	34	44	-----	-----	85
Solar Gen (MU)*	16.71	16.33	54.08	0.93	0.03	88
Energy Shortage (MU)	12.4	0.0	2.0	0.0	0.8	15.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44963	49112	45688	19782	2295	156701

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	0.059	0.00	1.09	17.27	18.36	77.15	4.49

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	6073	0	125.9	25.5	0.2	252	0.0
	Haryana	6126	120	129.2	69.4	1.7	188	2.0
	Rajasthan	10513	0	205.4	60.6	2.5	487	0.0
	Delhi	3298	0	62.8	54.7	0.1	229	0.0
	UP	13722	0	282.6	98.5	0.0	819	0.0
	Uttarakhand	1845	0	34.6	23.2	2.2	244	0.0
	HP	1494	0	25.7	19.7	1.2	254	0.0
	J&K	2152	538	43.9	38.7	-0.4	235	10.4
WR	Chandigarh	186	0	3.1	2.8	0.3	23	0.0
	Chhattisgarh	3711	0	81.9	34.0	-1.8	60	0.0
	Gujarat	14285	0	317.3	145.2	3.8	271	0.0
	MP	9292	0	188.1	91.4	-0.9	349	0.0
	Maharashtra	21259	0	458.6	143.4	1.8	429	0.0
	Goa	567	0	10.1	9.6	0.6	71	0.0
	DD	340	0	7.6	6.6	1.0	63	0.0
	DNH	768	0	17.8	17.0	0.7	61	0.0
SR	Essar steel	457	0	9.8	10.2	-0.4	179	0.0
	Andhra Pradesh	8769	0	173.8	39.3	-2.0	556	0.3
	Telangana	10043	0	218.9	108.3	-1.1	376	0.4
	Karnataka	10391	0	227.3	85.1	-2.1	604	0.4
	Kerala	3809	0	77.4	50.5	1.3	288	0.2
	Tamil Nadu	14782	0	320.0	166.8	-2.0	494	0.6
ER	Pondy	346	0	7.2	7.6	-0.4	24	0.0
	Bihar	4251	0	70.4	66.0	-0.7	342	0.0
	DVC	2745	0	65.2	-48.9	-2.0	302	0.0
	Jharkhand	1125	0	24.1	14.1	0.2	105	0.0
	Odisha	4073	0	77.7	33.1	0.4	345	0.0
	West Bengal	7806	0	137.1	24.8	0.9	385	0.0
NER	Sikkim	104	0	1.6	1.4	0.2	20	0.0
	Arunachal Pradesh	92	12	2.0	1.8	0.1	59	0.1
	Assam	1365	65	22.7	18.7	1.3	146	0.6
	Manipur	150	2	2.3	2.3	-0.1	22	0.0
	Meghalaya	320	3	5.1	3.3	-0.1	57	0.0
	Mizoram	83	2	1.4	1.2	0.2	34	0.0
NER	Nagaland	124	3	1.9	1.7	0.0	40	0.0
	Tripura	235	4	3.6	3.2	-0.1	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.3	-10.0	-14.0
Day peak (MW)	116.2	-442.6	-637.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	141.1	-147.8	118.0	-114.9	4.1	0.6
Actual(MU)	139.2	-149.6	117.7	-107.9	3.9	3.2
O/D/U/D(MU)	-2.0	-1.8	-0.3	7.0	-0.2	2.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5202	15566	6002	480	243	27494
State Sector	10170	19641	3810	4265	50	37936
Total	15372	35207	9812	4745	293	65429

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	590	1111	647	482	10	2841
Hydro	109	29	75	29	6	247
Nuclear	23	24	45	0	0	92
Gas, Naptha & Diesel	18	51	20	0	23	111
RES (Wind, Solar, Biomass & Others)	51	51	145	2	0	249
Total	792	1265	931	513	39	3540

\*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 :	8-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	431	0.0	4.9	-4.9	
2		SASARAM-FATEHPUR	S/C	0	226	0.0	0.9	-0.9	
3		GAYA-BALIA	S/C	0	385	0.0	5.1	-5.1	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	199	0.0	4.7	-4.7	
6	400 kV	PUSAULI-VARANASI	S/C	0	153	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	108	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	451	0.0	4.7	-4.7	
9		PATNA-BALIA	Q/C	0	1006	0.0	16.8	-16.8	
10		BIHARSHARIFF-BALIA	D/C	0	326	0.0	4.5	-4.5	
11		MOTHARI-GORAKHPUR	D/C	0	346	0.0	6.2	-6.2	
12		BIHARSHARIFF-VARANASI	D/C	0	225	0.0	1.4	-1.4	
13	220 kV	PUSAULI-SAHUPURI	S/C	0	164	0.0	3.1	-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>52.2</b>	<b>-51.5</b>	
<b>Import/Export of ER (With WR)</b>									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.2	0.0	9.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	625	0.0	8.0	-8.0	
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	466	0.0	3.0	-3.0	
21		RANCHI-SIPAT	D/C	0	172	0.0	1.4	-1.4	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	115	0.0	0.1	-0.1	
23		BUDHIPADAR-KORBA	D/C	0	0	3.0	0.0	3.0	
<b>ER-WR</b>						<b>12.2</b>	<b>12.5</b>	<b>-0.4</b>	
<b>Import/Export of ER (With SR)</b>									
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	30.6	-30.6	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.0	0.0	14.7	-14.7	
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2265.0	0.0	48.6	-48.6	
27	400 kV	TALCHER-I/C	D/C	0.0	821.8	0.8	2.0	-1.2	
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>93.8</b>	<b>-93.8</b>	
<b>Import/Export of ER (With NER)</b>									
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	824	0.0	0.4	0	
30		ALIPURDUAR-BONGAIGAON	D/C	0	671	3.9		4	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1	
<b>ER-NER</b>						<b>3.9</b>	<b>1.7</b>	<b>2.2</b>	
<b>Import/Export of NER (With NR)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	494	500	7.6	3.9	3.7	
<b>NER-NR</b>						<b>7.6</b>	<b>3.9</b>	<b>3.7</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1085	0.0	42.8	-42.8	
34		V'CHAL B/B	D/C	0	0	0.0	0.0	0.0	
35		APL -MHG	D/C	0	508	0.0	11.4	-11.4	
36	765 kV	GWALIOR-AGRA	D/C	0	2350	0.0	43.9	-43.9	
37		PHAGI-GWALIOR	D/C	485	1296	0.0	23.4	-23.4	
38	400 kV	ZERDA-KANKROLI	S/C	359	0	6.2	0.0	6.2	
39		ZERDA -BHINMAL	S/C	332	0	4.8	0.0	4.8	
40		V'CHAL -RIHAND	S/C	973	0	22.8	0.0	22.8	
41		RAPP-SHUJALPUR	D/C	0	370	0	3	-3	
42	220 kV	BADOD-KOTA	S/C	84	0	1.1	0.0	1.1	
43		BADOD-MORAK	S/C	53	22	0.3	0.1	0.2	
44		MEHGAON-AURAIYA	S/C	86	0	1.5	0.0	1.5	
45	132kV	MALANPUR-AURAIYA	S/C	51	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>37.2</b>	<b>124.2</b>	<b>-87.0</b>	
<b>Import/Export of WR (With SR)</b>									
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9	
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
49	765 kV	SOLAPUR-RAICHUR	D/C	179	1246	0.0	16.7	-16.7	
50		WARDHA-NIZAMABAD	D/C	0	2098	0.0	35.9	-35.9	
51	400 kV	KOLHAPUR-KUDGI	D/C	440	0	6.6	0.0	6.6	
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	109	0	2.2	0.0	2.2	
<b>WR-SR</b>						<b>8.7</b>	<b>76.5</b>	<b>-67.8</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
55		BHUTAN						<b>2.3</b>	
56		NEPAL						<b>-10.0</b>	
57		BANGLADESH						<b>-14.0</b>	