



**National Load Despatch Centre**  
**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(Government of India Enterprise)  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 20<sup>th</sup> Mar 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, 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. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093  
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलॉंग - 793006  
General Manager, 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 19.03.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19 मार्च 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 19<sup>th</sup> Mar 2017, is available at the NLDC website.

Thanking You.



**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली**

Report for previous day

Date of Reporting 20-Mar-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	36428	40957	35812	17096	2119	132412
Peak Shortage (MW)	465	61	0	0	132	658
Energy Met (MU)	802	1004	895	341	33	3075
Hydro Gen(MU)	116	25	64	31	7	242
Wind Gen(MU)	5	37	20	-----	-----	62
Solar Gen (MU)*	3.17	12.02	21.30	0.59	0.03	37

**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	0.038	0.00	0.17	7.65	7.82	79.86	12.31

**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)
NR	Punjab	5275	0	106.0	65.4	0.6	176
	Haryana	5791	0	107.9	98.6	-0.3	206
	Rajasthan	7688	0	159.3	54.8	1.8	314
	Delhi	3084	0	56.3	45.2	0.5	194
	UP	12388	0	272.0	119.6	3.5	705
	Uttarakhand	1668	0	31.2	17.5	-0.4	90
	HP	1274	0	24.9	16.6	0.7	148
	J&K	1973	493	41.9	35.2	0.3	94
WR	Chhattisgarh	165	0	2.9	3.1	-0.2	14
	Gujarat	3420	0	79.9	19.8	-1.2	101
	MP	13446	0	293.8	107.9	1.1	371
	Maharashtra	7701	0	153.2	94.0	-3.2	325
	Goa	20133	0	436.9	147.2	0.2	693
	DD	520	0	8.6	8.6	-0.6	116
	DNH	294	0	6.8	6.6	0.2	21
	Essar steel	713	0	16.4	16.6	-0.2	12
SR	Andhra Pradesh	427	0	8.1	7.8	0.3	179
	Telangana	6957	0	159.1	26.2	2.1	300
	Karnataka	8125	0	169.9	74.6	-0.2	371
	Kerala	9210	0	206.4	75.1	2.8	563
	Tamil Nadu	3402	0	64.0	52.6	1.8	224
	Pondy	12672	0	288.8	153.8	-0.6	532
	Bihar	300	0	6.6	6.8	-0.2	37
	DVC	3533	0	61.6	57.1	1.9	190
ER	Jharkhand	3016	0	68.4	-35.0	-2.2	200
	Odisha	1128	0	22.8	16.4	0.3	85
	West Bengal	3888	0	75.9	16.9	1.3	200
	Sikkim	6181	0	111.5	26.5	0.7	220
	Sikkim	84	0	1.3	1.5	-0.2	12
NER	Arunachal Pradesh	84	0	1.3	1.5	-0.2	12
	Assam	110	2	1.7	1.9	-0.2	2
	Manipur	1247	78	18.8	13.5	1.6	125
	Meghalaya	152	3	2.1	2.5	-0.5	11
	Mizoram	293	0	4.6	4.3	-0.6	23
	Nagaland	75	5	1.3	1.4	-0.1	3
	Tripura	110	2	1.6	1.9	-0.4	1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.2	-7.4	-13.8
Day peak (MW)	156.4	-325.1	-616.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	203.0	-207.7	76.2	-69.9	-0.2	1.4
Actual(MU)	218.8	-220.4	74.5	-68.0	-2.4	2.5
O/D/U/D(MU)	15.8	-12.8	-1.7	1.9	-2.2	1.1

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5356	11326	3520	1420	218	21840
State Sector	16445	20684	6942	5989	110	50170
Total	21801	32010	10462	7409	328	72010

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसीको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 20-Mar-17
								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	373	0.0	10.0	-10.0
2		SASARAM-FATEHPUR	S/C	0	44	3.0	0.0	3.0
3		GAYA-BALIA	S/C	0	338	0.0	6.0	-6.0
4	HVDC LINK	PUSAULI B/B	S/C	0	397	0.0	10.0	-10.0
5	400 KV	PUSAULI-SARNATH	S/C	0	301	0.0	0.0	0.0
6		PUSAULI-ALLAHABAD	S/C	0	137	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	0	536	0.0	7.0	-7.0
8		PATNA-BALIA	Q/C	0	773	0.0	16.0	-16.0
9		BIHARSHARIFF-BALIA	D/C	0	236	0.0	3.0	-3.0
10		BARH-GORAKHPUR	D/C	0	480	0.0	11.0	-11.0
11		BIHARSHARIFF-VARANASI	D/C	0	1	0.0	0.0	0.0
12	220 KV	PUSAULI-SAHUPURI	S/C	0	209	0.0	4.0	-4.0
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	0	0	1.0	0.0	1.0
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>4.0</b>	<b>67.0</b>	<b>-63.0</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	204	1.0	0.0	1.0
18		NEW RANCHI-DHARAMJAIGARH	D/C	0	79	2.0	0.0	2.0
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	1.0	0.0	1.0
20		JHARSUGUDA-RAIGARH	S/C	0	0	1.0	0.0	1.0
21		IBEUL-RAIGARH	S/C	0	0	1.0	0.0	1.0
22		STERLITE-RAIGARH	D/C	0	201	0.0	3.0	-3.0
23		RANCHI-SIPAT	D/C	0	0	7.0	0.0	7.0
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	88	0.0	1.0	-1.0
25		BUDHIPADAR-KORBA	D/C	0	0	2.0	0.0	2.0
<b>ER-WR</b>						<b>15.0</b>	<b>4.0</b>	<b>11.0</b>
<b>Import/Export of ER (With SR)</b>								
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.0	-13.0
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	323.0	0.0	15.0	-15.0
28	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2027.0	0.0	44.0	-44.0
29		TALCHER-I/C	D/C	0.0	0.0	13.0	0.0	13.0
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>72.0</b>	<b>-72.0</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	0.0	0
32		ALIPURDUAR-BONGAIGAON	D/C	0	41	7.0	0.0	7
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	63	6.0	0.0	6
<b>ER-NER</b>						<b>13.0</b>	<b>0.0</b>	<b>13.0</b>
<b>Import/Export of NR (With NER)</b>								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.0	-12.0
<b>NR-NER</b>						<b>0.0</b>	<b>12.0</b>	<b>-12.0</b>
<b>Import/Export of WR (With NR)</b>								
35	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	29.5	-29.5
36		V'CHAL B/B	D/C	100	0	2.5	0.0	2.5
37		APL -MHG	D/C	0	2012	0.0	51.2	-51.2
38	765 KV	GWALIOR-AGRA	D/C	0	2886	0.0	57.2	-57.2
39		PHAGI-GWALIOR	D/C	0	1566	0.0	27.2	-27.2
40	400 KV	ZERDA-KANKROLI	S/C	265	0	4.5	0.0	4.5
41		ZERDA -BHINMAL	S/C	317	0	2.8	0.0	2.8
42		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
43		RAPP-SHUJALPUR	D/C	0	380	0	3	-3
44	220 KV	BADOD-KOTA	S/C	46	37	0.3	0.2	0.1
45		BADOD-MORAK	S/C	17	59	0.1	0.6	-0.6
46		MEHGAON-AURAIYA	S/C	67	0	1.1	0.0	1.1
47	132KV	MALANPUR-AURAIYA	S/C	25	3	0.3	0.0	0.3
48		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>11.6</b>	<b>168.6</b>	<b>-157.0</b>
<b>Import/Export of WR (With SR)</b>								
49	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	18.0	-18.0
50	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
51		SOLAPUR-RAICHUR	D/C	0	2004	0.0	28.8	-28.8
52	400 KV	KOLHAPUR-KUDGI	D/C	0	196	0.0	1.7	-1.7
53	220 KV	KOLHAPUR-CHIKODI	D/C	0	272	0.0	5.7	-5.7
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
55		XELDEM-AMBEWADI	S/C	92	0	1.6	0.0	1.6
<b>WR-SR</b>						<b>1.6</b>	<b>54.1</b>	<b>-52.5</b>
<b>TRANSNATIONAL EXCHANGE</b>								
56		BHUTAN						3.2
57		NEPAL						-7.4
58		BANGLADESH						-8.2