



**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: 22<sup>nd</sup> Mar 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, 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 21.03.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21 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 21<sup>st</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

22-Mar-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	37914	45039	39175	18440	2282	142850
Peak Shortage (MW)	650	79	124	100	67	1020
Energy Met (MU)	851	1070	960	344	38	3263
Hydro Gen(MU)	117	53	79	34	4	286
Wind Gen(MU)	12	17	13	-----	-----	42
Solar Gen (MU)*	3.08	12.40	20.40	1.97	0.03	38

**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	0.052	0.00	0.64	13.50	14.13	73.09	12.78

**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	5697	0	111.1	58.8	0.7	200
	Haryana	6028	0	118.3	103.4	0.3	164
	Rajasthan	8327	0	174.5	53.0	-0.5	147
	Delhi	3283	0	62.2	51.2	0.0	247
	UP	13243	0	283.0	106.6	1.1	394
	Uttarakhand	1744	0	31.4	21.1	0.6	173
	HP	1376	0	24.9	17.3	1.9	203
	J&K	1983	496	41.9	34.5	-1.5	84
WR	Chhattisgarh	179	0	3.3	3.3	-0.1	12
	Gujarat	3606	0	85.5	21.5	-2.4	105
	MP	13954	0	308.7	115.8	2.5	937
	Maharashtra	8372	0	167.4	102.3	-0.3	338
	Goa	21592	0	466.3	145.7	0.1	637
	DD	475	0	8.3	8.8	-1.1	31
	DNH	327	0	7.2	6.8	0.4	11
	Essar steel	744	0	16.9	17.1	-0.3	15
SR	Andhra Pradesh	468	0	9.6	10.0	-0.3	190
	Telangana	7456	0	166.7	21.6	2.1	396
	Karnataka	8650	0	180.0	83.2	0.3	239
	Kerala	9647	0	221.0	83.1	4.2	447
	Tamil Nadu	3477	0	71.0	54.9	2.2	219
	Pondy	14334	0	313.7	157.3	2.6	527
ER	Bihar	348	0	7.4	7.3	0.0	54
	DVC	3649	-100	58.4	56.4	0.4	200
	Jharkhand	3124	0	61.1	-41.5	-4.5	10
	Odisha	1120	0	23.2	16.1	1.8	150
	West Bengal	4014	0	79.3	22.2	0.8	100
	Sikkim	7175	0	120.2	23.8	6.2	300
NER	Arunachal Pradesh	93	0	1.6	1.7	-0.1	4
	Assam	128	2	2.0	1.6	0.4	31
	Manipur	1339	44	22.3	15.1	3.9	318
	Meghalaya	145	1	2.1	2.0	0.1	41
	Mizoram	305	0	6.0	3.1	0.2	88
	Nagaland	82	1	1.5	0.9	0.5	33
	Tripura	94	2	1.8	1.3	0.4	19

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.7	-8.1	-12.0
Day peak (MW)	124.9	-353.5	-607.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	193.7	-188.5	89.6	-98.5	4.2	0.4
Actual(MU)	188.7	-196.2	95.7	-98.2	9.4	-0.6
O/D/U/D(MU)	-5.0	-7.7	6.1	0.4	5.2	-1.0

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5286	11736	2770	1010	385	21187
State Sector	14030	21161	6022	5779	110	47102
Total	19316	32897	8792	6789	494	68289

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

INTER-REGIONAL EXCHANGES								Date of Reporting :	22-Mar-17
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	371	0.0	12.8	-12.8	
2		SASARAM-FATEHPUR	S/C	0	71	1.4	0.0	1.4	
3		GAYA-BALIA	S/C	0	348	0.0	6.5	-6.5	
4	HVDC LINK	PUSAULI B/B	S/C	0	398	0.0	9.4	-9.4	
5	400 KV	PUSAULI-SARNATH	S/C	0	304	0.0	0.0	0.0	
6		PUSAULI-ALLAHABAD	S/C	0	130	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	0	505	0.0	6.2	-6.2	
8		PATNA-BALIA	Q/C	0	963	0.0	17.6	-17.6	
9		BIHARSHARIFF-BALIA	D/C	0	215	0.0	3.5	-3.5	
10		BARH-GORAKHPUR	D/C	0	570	0.0	11.8	-11.8	
11	220 KV	BIHARSHARIFF-VARANASI	D/C	0	7	0.0	0.8	-0.8	
12		PUSAULI-SAHUPURI	S/C	0	222	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	0.5	0.0	0.5	
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>1.9</b>	<b>72.6</b>	<b>-70.7</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	237	0.0	1.5	-1.5	
18		NEW RANCHI-DHARAMJAIGARH	D/C	0	110	0.7	0.0	0.7	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	0.3	0.0	0.3	
20		JHARSUGUDA-RAIGARH	S/C	0	16	0.6	0.0	0.6	
21		IBEUL-RAIGARH	S/C	0	0	0.6	0.0	0.6	
22		STERLITE-RAIGARH	D/C	0	160	0.0	2.2	-2.2	
23	220 KV	RANCHI-SIPAT	D/C	0	0	4.1	0.0	4.1	
24		BUDHIPADAR-RAIGARH	S/C	0	83	0.0	0.8	-0.8	
25		BUDHIPADAR-KORBA	D/C	0	0	2.4	0.0	2.4	
<b>ER-WR</b>						<b>8.7</b>	<b>4.5</b>	<b>4.1</b>	
<b>Import/Export of ER (With SR)</b>									
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.4	-12.4	
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	297.3	0.0	13.8	-13.8	
28	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2319.9	0.0	48.3	-48.3	
29		TALCHER-I/C	D/C	0.0	481.9	0.6	0.7	-0.1	
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>74.4</b>	<b>-74.4</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	488	0.1	0.0	0	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	399	0.5	0.0	1	
<b>ER-NER</b>						<b>0.6</b>	<b>0.0</b>	<b>0.6</b>	
<b>Import/Export of NR (With NER)</b>									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	10.4	-10.4	
<b>NR-NER</b>						<b>0.0</b>	<b>10.4</b>	<b>-10.4</b>	
<b>Import/Export of WR (With NR)</b>									
35	HVDC	CHAMPA-KURUKSHETRA	D/C	0	600	0.0	8.6	-8.6	
36		V'CHAL B/B	D/C	400	0	9.5	0.0	9.5	
37		APL -MHG	D/C	0	1813	0.0	45.6	-45.6	
38	765 KV	GWALIOR-AGRA	D/C	0	2766	0.0	54.6	-54.6	
39		PHAGI-GWALIOR	D/C	0	1538	0.0	29.3	-29.3	
40	400 KV	ZERDA-KANKROLI	S/C	292	0	4.4	0.0	4.4	
41		ZERDA -BHINMAL	S/C	281	0	3.4	0.0	3.4	
42		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
43		RAPP-SHUALPUR	D/C	0	466	0	4	-4	
44	220 KV	BADOD-KOTA	S/C	39	33	0.2	0.2	0.0	
45		BADOD-MORAK	S/C	12	49	0.0	0.6	-0.6	
46		MEHGAON-AURAIYA	S/C	62	6	0.8	0.0	0.8	
47	132KV	MALANPUR-AURAIYA	S/C	26	29	0.2	0.2	0.0	
48		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>18.5</b>	<b>143.2</b>	<b>-124.7</b>	
<b>Import/Export of WR (With SR)</b>									
49	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	22.2	-22.2	
50	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
51		SOLAPUR-RAICHUR	D/C	0	1883	0.0	38.2	-38.2	
52	400 KV	KOLHAPUR-KUDGI	D/C	28	312	0.0	2.9	-2.9	
53	220 KV	KOLHAPUR-CHIKODI	D/C	0	249	0.0	5.5	-5.5	
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
55		XELDEM-AMBEWADI	S/C	89	0	1.9	0.0	1.9	
<b>WR-SR</b>						<b>1.9</b>	<b>68.9</b>	<b>-67.0</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
56		BHUTAN						2.7	
57		NEPAL						-8.1	
58		BANGLADESH						-8.8	