



**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: 28<sup>th</sup> March 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., डोंगतेह, लोअर नॉग्रह, लापालंग, शिलोंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. अपर महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
Additional General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 27.03.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27 मार्च 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 27<sup>th</sup> Mar 2017, 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

28-Mar-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	38057	46842	39542	19321	2288	146050
Peak Shortage (MW)	408	162	0	300	53	923
Energy Met (MU)	887	1123	957	385	37	3388
Hydro Gen(MU)	134	50	70	45	5	303
Wind Gen(MU)	9	30	19	-----	-----	59
Solar Gen (MU)*	0.44	12.13	23.50	1.20	0.02	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	0.064	0.20	1.56	14.68	16.44	73.39	10.17

**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	6262	0	121.3	63.1	-2.4	129
	Haryana	5973	0	114.5	101.1	-0.1	168
	Rajasthan	8785	0	183.6	68.2	-1.1	152
	Delhi	3666	0	72.9	62.0	-0.3	203
	UP	13476	0	293.5	102.7	-1.1	372
	Uttarakhand	1760	0	34.5	20.0	-0.3	173
	HP	1297	0	24.7	15.3	1.0	112
	J&K	1809	452	37.8	32.4	-4.6	74
WR	Chhattisgarh	3679	0	89.1	26.9	-1.6	223
	Gujarat	14757	0	323.6	124.6	0.2	582
	MP	8264	0	177.2	102.5	-0.9	601
	Maharashtra	22167	650	488.2	144.9	0.3	524
	Goa	543	0	11.0	9.8	0.6	83
	DD	327	0	7.1	6.8	0.3	56
	DNH	745	0	16.9	17.0	-0.1	26
	Essar steel	499	0	9.9	8.9	1.0	238
SR	Andhra Pradesh	7532	0	163.4	22.4	-0.6	1283
	Telangana	8855	0	182.9	83.4	1.0	249
	Karnataka	10165	0	216.5	93.6	-6.5	445
	Kerala	3805	0	74.3	55.1	1.9	184
	Tamil Nadu	14122	0	312.8	165.1	0.5	571
	Pondy	334	0	7.0	7.5	-0.5	23
ER	Bihar	3531	300	64.2	60.2	1.0	200
	DVC	2905	0	66.1	-43.6	-1.9	220
	Jharkhand	1567	0	24.7	16.4	2.1	100
	Odisha	4142	0	81.6	23.4	0.2	250
	West Bengal	8132	0	146.8	39.3	0.7	250
NER	Sikkim	89	0	1.4	1.4	-0.1	10
	Arunachal Pradesh	99	1	1.9	1.9	0.0	5
	Assam	1351	31	21.5	16.3	1.0	109
	Manipur	155	1	2.0	2.4	-0.3	9
	Meghalaya	281	0	4.6	3.6	0.0	43
	Mizoram	76	2	1.3	1.3	0.0	10
	Nagaland	115	1	2.0	1.6	0.3	44
Tripura	224	4	3.6	1.2	0.8	52	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.9	-8.1	-14.4
Day peak (MW)	216.3	-335.2	-630.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	200.7	-212.8	93.4	-83.3	3.4	1.4
Actual(MU)	190.0	-216.4	94.7	-80.7	3.9	-8.5
O/D/U/D(MU)	-10.7	-3.6	1.3	2.6	0.5	-9.9

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5785	9201	3070	1825	315	20196
State Sector	11800	18140	7162	5139	110	42351
Total	17585	27341	10232	6964	424	62547

\*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 : 28-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	313	0.0	7.7	-7.7
2		SASARAM-FATEHPUR	S/C	0	27	2.6	0.0	2.6
3		GAYA-BALIA	S/C	0	411	0.0	6.3	-6.3
4	HVDC LINK	PUSAULI B/B	S/C	0	397	0.0	9.6	-9.6
5	400 KV	PUSAULI-SARNATH	S/C	0	0	0.0	0.2	-0.2
6		PUSAULI-ALLAHABAD	S/C	0	0	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	0	295	0.0	0.0	0.0
8		PATNA-BALIA	Q/C	0	155	0.0	0.0	0.0
9		BIHARSHARIFF-BALIA	D/C	0	631	0.0	7.2	-7.2
10		BARH-GORAKHPUR	D/C	0	863	0.0	15.8	-15.8
11		BIHARSHARIFF-VARANASI	D/C	0	317	0.0	3.7	-3.7
12	220 KV	PUSAULI-SAHUPURI	S/C	0	539	0.0	11.2	-11.2
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.5	-0.5
14		GARWAH-RIHAND	S/C	0	199	0.0	3.7	-3.7
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
16		KARMANASA-CHANDAULI	S/C	0	0	0.5	0.0	0.5
<b>ER-NR</b>						<b>3.2</b>	<b>65.9</b>	<b>-62.7</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	0.0	0.0	0.0
18		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	0.0	0.0	0.0
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	291	0.0	0.9	-0.9
20		JHARSUGUDA-RAIGARH	S/C	0	273	0.0	0.8	-0.8
21		IBEUL-RAIGARH	S/C	0	0	0.0	0.0	0.0
22		STERLITE-RAIGARH	D/C	0	0	2.1	0.0	2.1
23		RANCHI-SIPAT	D/C	0	0	2.0	0.0	2.0
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	19	0.0	1.3	-1.3
25		BUDHIPADAR-KORBA	D/C	0	0	4.8	0.0	4.8
<b>ER-WR</b>						<b>8.9</b>	<b>3.0</b>	<b>6.0</b>
<b>Import/Export of ER (With SR)</b>								
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	1.6	0.0	1.6
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	0.0	0.0	0.0	0.0
28	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	0.0	0.0	11.5	-11.5
29		TALCHER-I/C	D/C	0.0	0.0	0.0	0.9	-0.9
30		220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0
<b>ER-SR</b>						<b>1.6</b>	<b>11.5</b>	<b>-9.9</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	D/C	0	2028	0.0	46.8	-47
32		ALIPURDUAR-BONGAIGAON	D/C	0	0	0.0	0.0	0
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
<b>ER-NER</b>						<b>0.0</b>	<b>46.8</b>	<b>-46.8</b>
<b>Import/Export of NR (With NER)</b>								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	9.3	-9.3
<b>NR-NER</b>						<b>0.0</b>	<b>9.3</b>	<b>-9.3</b>
<b>Import/Export of WR (With NR)</b>								
35	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.9	-35.9
36		V'CHAL B/B	D/C	500	0	11.6	0.0	11.6
37		APL -MHG	D/C	0	1512	0.0	26.3	-26.3
38	765 KV	GWALIOR-AGRA	D/C	0	2652	0.0	51.0	-51.0
39		PHAGI-GWALIOR	D/C	0	1518	0.0	29.1	-29.1
40	400 KV	ZERDA-KANKROLI	S/C	0	293	3.6	0.0	3.6
41		ZERDA -BHINMAL	S/C	29	260	1.7	0.0	1.7
42		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
43		RAPP-SHUJALPUR	D/C	513	269	0	10	-10
44		BADOD-KOTA	S/C	22	31	0.1	0.2	-0.1
45	220 KV	BADOD-MORAK	S/C	0	58	0.0	0.8	-0.8
46		MEHGAON-AURAIYA	S/C	36	9	0.4	0.0	0.4
47	132KV	MALANPUR-AURAIYA	S/C	7	25	0.0	0.3	-0.3
48		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>17.4</b>	<b>154.0</b>	<b>-136.6</b>
<b>Import/Export of WR (With SR)</b>								
49	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.2	-23.2
50	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
51		SOLAPUR-RAICHUR	D/C	0	2530	0.0	40.1	-40.1
52	400 KV	KOLHAPUR-KUDGI	D/C	14	384	0.0	3.6	-3.6
53	220 KV	KOLHAPUR-CHIKODI	D/C	0	275	0.0	5.8	-5.8
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
55		XELDEM-AMBEWADI	S/C	80	0	0.6	0.0	0.6
<b>WR-SR</b>						<b>0.6</b>	<b>72.7</b>	<b>-72.1</b>
<b>TRANSNATIONAL EXCHANGE</b>								
56		BHUTAN						4.9
57		NEPAL						-8.1
58		BANGLADESH						-14.4