



**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: 12<sup>th</sup> April 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, शिलॉंग - 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 11.04.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11 अप्रैल 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 11<sup>th</sup> April 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

12-Apr-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42992	47632	38928	19630	2308	151489
Peak Shortage (MW)	487	72	46	35	79	719
Energy Met (MU)	966	1140	965	398	38	3507
Hydro Gen(MU)	264	43	53	46	8	415
Wind Gen(MU)	14	37	34	-----	-----	85
Solar Gen (MU)*	3.98	13.54	21.60	1.48	0.02	41

**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	0.35	7.72	8.07	79.64	12.29

**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	5284	0	103.5	62.3	1.4	289
	Haryana	6373	0	110.3	90.4	-1.0	186
	Rajasthan	7909	0	172.0	70.2	1.9	272
	Delhi	3870	0	78.5	65.3	-1.1	147
	UP	15265	0	278.0	103.6	0.4	670
	Uttarakhand	1713	0	33.3	18.4	-0.2	93
	HP	1264	0	144.9	10.7	1.3	122
	J&K	1950	487	41.4	27.5	0.4	126
WR	Chhattisgarh	3923	0	91.6	38.8	-0.5	84
	Gujarat	14717	0	326.2	77.7	-0.2	421
	MP	8161	0	176.6	107.5	-0.4	632
	Maharashtra	22994	0	501.8	145.2	2.1	478
	Goa	483	0	10.7	9.3	1.1	90
	DD	319	0	7.2	6.7	0.5	47
	DNH	730	0	16.8	16.2	0.5	72
	Essar steel	45	0	9.3	9.1	0.2	147
SR	Andhra Pradesh	7500	0	168.0	30.3	2.2	399
	Telangana	8612	0	176.8	81.1	-0.8	404
	Karnataka	9715	0	212.8	79.0	2.9	444
	Kerala	3752	0	76.5	57.2	1.6	265
	Tamil Nadu	14319	0	323.8	164.1	-2.9	542
	Pondy	363	0	7.4	7.8	-0.4	19
ER	Bihar	3678	0	65.4	62.5	0.8	220
	DVC	3104	0	64.0	-37.2	-0.8	200
	Jharkhand	1153	0	24.1	16.4	1.9	125
	Odisha	4139	0	82.9	22.4	-0.8	250
	West Bengal	8433	0	160.4	64.3	1.2	250
NER	Sikkim	73	0	1.1	1.4	-0.3	12
	Arunachal Pradesh	97	0	2.1	1.9	0.3	8
	Assam	1401	48	21.1	17.1	1.8	139
	Manipur	131	0	2.3	2.0	0.3	13
	Meghalaya	291	0	5.2	2.9	0.3	27
	Mizoram	75	0	1.5	1.1	0.3	12
	Nagaland	96	0	2.1	1.6	0.3	14
Tripura	246	1	4.0	2.0	0.5	42	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.0	-8.3	-14.5
Day peak (MW)	219.8	-372.5	-619.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	179.9	-232.8	97.8	-45.9	2.8	1.9
Actual(MU)	172.0	-223.2	93.7	-45.6	5.7	2.6
O/D/U/D(MU)	-7.9	9.6	-4.1	0.3	2.9	0.7

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4851	9769	2520	1300	513	18953
State Sector	13705	16361	6202	6514	110	42892
Total	18556	26130	8722	7814	623	61845

\*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 :	12-Apr-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	168	0.0	4.2	-4.2	
2		SASARAM-FATEHPUR	S/C	0	0	3.2	0.0	3.2	
3	HVDC	GAYA-BALIA	S/C	0	321	0.0	3.9	-3.9	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	149	0.0	3.6	-3.6	
6		PUSAULI-VARANASI	S/C	0	182	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	18	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	151	1.5	0.0	1.5	
9		PATNA-BALIA	Q/C	0	635	0.0	12.0	-12.0	
10		BIHARSHARIFF-BALIA	D/C	0	17	0.2	0.0	0.2	
11		BARH-GORAKHPUR	D/C	0	521	0.0	10.5	-10.5	
12	BIHARSHARIFF-VARANASI	D/C	0	0	3.1	0.0	3.1		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	238	0.0	3.9	-3.9	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		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	
ER-NR						8.5	38.0	-29.5	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	8.7	0.0	8.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	10.9	0.0	10.9	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	74	3.9	0.0	3.9	
21		JHARSUGUDA-RAIGARH	S/C	0	0	0.0	0.0	0.0	
22		IBEUL-RAIGARH	S/C	0	0	3.8	0.0	3.8	
23		STERLITE-RAIGARH	D/C	0	12	1.3	0.0	1.3	
24	220 KV	RANCHI-SIPAT	D/C	0	0	6.4	0.0	6.4	
25		BUDHIPADAR-RAIGARH	S/C	0	65	0.0	0.5	-0.5	
26		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2	
ER-WR						37.0	0.5	36.6	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.7	-12.7	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.7	0.0	15.0	-15.0	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2028.0	0.0	47.4	-47.4	
30	400 KV	TALCHER-1C	D/C	0.0	1286.1	0.0	18.4	-18.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	75.1	-75.1	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1284	0.0	8.0	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1028	0.0	8.0	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2	
ER-NER						0.0	17.9	-17.9	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	12.1	-12.1	
NER-NR						0.0	12.1	-12.1	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	27.3	-27.3	
37		V'CHAL B/B	D/C	500	0	10.2	0.0	10.2	
38		APL -MHG	D/C	0	2014	0.0	35.5	-35.5	
39	765 KV	GWALIOR-AGRA	D/C	0	2356	0.0	42.2	-42.2	
40		PHAGI-GWALIOR	D/C	0	1692	0.0	28.0	-28.0	
41	400 KV	ZERDA-KANKROLI	S/C	251	0	2.2	0.0	2.2	
42		ZERDA -BHINMAL	S/C	187	81	0.6	0.0	0.6	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	394	0	3	-3	
45		BADOD-KOTA	S/C	34	24	0.2	0.1	0.2	
46		BADOD-MORAK	S/C	13	38	0.0	0.4	-0.4	
47		MEHGAON-AURAIYA	S/C	45	3	0.7	0.0	0.7	
48	132KV	MALANPUR-AURAIYA	S/C	21	19	0.2	0.0	0.1	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						14.0	136.8	-122.8	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.3	-23.3	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1949	0.0	34.8	-34.8	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	85	402	0.1	3.3	-3.2	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	259	0.0	5.5	-5.5	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	95	0	2.0	0.0	2.0	
WR-SR						2.1	84.9	-82.7	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						4.0	
59		NEPAL						-8.3	
60		BANGLADESH						-14.5	