



**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: 11<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 10.04.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10 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 10<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

11-Apr-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41217	47730	39215	19859	2240	150261
Peak Shortage (MW)	1011	120	0	250	138	1519
Energy Met (MU)	802	1119	963	400	37	3320
Hydro Gen(MU)	151	35	62	44	9	301
Wind Gen(MU)	13	59	28	-----	-----	100
Solar Gen (MU)*	1.03	13.65	22.60	1.33	0.02	39

**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	0.047	0.08	0.66	6.16	6.90	70.90	22.20

**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	4679	0	94.5	60.6	1.7	342
	Haryana	5754	391	100.9	88.3	-4.3	169
	Rajasthan	7863	0	164.8	68.1	2.5	266
	Delhi	3618	0	75.0	63.3	-2.6	87
	UP	14764	0	259.0	100.4	-12.5	446
	Uttarakhand	1644	0	32.2	18.4	-0.6	179
	HP	1251	0	23.9	10.8	1.7	160
	J&K	2272	568	47.7	26.9	7.2	470
WR	Chhattisgarh	185	0	3.6	4.0	-0.4	5
	Gujarat	3927	0	91.6	38.6	-1.5	84
	MP	14419	0	320.4	71.0	0.2	421
	Maharashtra	8086	0	172.4	95.8	-1.6	632
	Goa	22636	0	491.8	148.8	1.9	478
	DD	519	0	10.2	9.5	0.4	90
	DNH	311	0	6.9	6.5	0.3	47
	Essar steel	741	0	16.8	16.2	0.6	72
SR	Andhra Pradesh	452	0	9.3	9.4	-0.1	147
	Telangana	7497	0	166.8	33.3	2.1	514
	Karnataka	8459	0	177.4	79.7	0.2	350
	Kerala	9987	0	215.3	84.4	3.3	656
	Tamil Nadu	3787	0	75.4	52.4	1.8	241
	Pondy	14778	0	320.3	155.7	-0.7	700
	Bihar	354	0	7.4	7.6	-0.2	95
	DVC	3548	200	60.8	60.0	-2.8	70
ER	Jharkhand	3035	0	64.9	-31.9	-0.2	210
	Odisha	1138	0	24.4	16.4	2.1	200
	West Bengal	4128	0	86.8	23.4	1.5	500
	Sikkim	8342	0	161.7	61.8	3.0	480
	Tripura	74	0	1.1	1.5	-0.5	5
NER	Arunachal Pradesh	95	1	1.9	1.9	0.0	8
	Assam	1325	114	19.7	15.6	1.6	139
	Manipur	137	1	2.3	1.9	0.4	13
	Meghalaya	286	0	5.2	2.9	0.2	27
	Mizoram	77	0	1.4	1.2	0.2	12
	Nagaland	97	0	2.0	1.7	0.1	14
	Tripura	243	1	4.3	1.9	0.5	42

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.0	-8.3	-14.0
Day peak (MW)	282.1	-394.2	-612.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	176.8	-236.5	95.5	-36.5	1.6	1.0
Actual(MU)	149.1	-231.9	99.8	-26.0	3.5	-5.5
O/D/U/D(MU)	-27.7	4.6	4.3	10.4	1.9	-6.5

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5582	10369	3730	1300	545	21527
State Sector	15935	16491	6002	6319	110	44857
Total	21517	26860	9732	7619	655	66384

\*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 :	11-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	191	0.0	2.3	-2.3	
2		SASARAM-FATEHPUR	S/C	0	0	4.8	0.0	4.8	
3	HVDC	GAYA-BALIA	S/C	0	298	0.0	2.8	-2.8	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	149	0.0	2.5	-2.5	
6		PUSAULI-VARANASI	S/C	0	189	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	15	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	74	3.3	0.0	3.3	
9		PATNA-BALIA	Q/C	0	634	0.0	10.3	-10.3	
10		BIHARSHARIFF-BALIA	D/C	0	11	1.3	0.0	1.3	
11		BARH-GORAKHPUR	D/C	0	468	0.0	9.0	-9.0	
12	BIHARSHARIFF-VARANASI	D/C	0	0	3.8	0.0	3.8		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	236	0.0	4.2	-4.2	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.8	0.0	0.8	
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						13.9	31.2	-17.2	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.6	0.0	10.6	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	25	9.5	0.0	9.5	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	3.4	0.0	3.4	
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.1	0.0	3.1	
22		IBEUL-RAIGARH	S/C	0	0	3.0	0.0	3.0	
23		STERLITE-RAIGARH	D/C	0	57	1.0	0.0	1.0	
24	220 KV	RANCHI-SIPAT	D/C	0	0	10.2	0.0	10.2	
25		BUDHIPADAR-RAIGARH	S/C	0	56	0.0	0.4	-0.4	
26		BUDHIPADAR-KORBA	D/C	0	0	2.7	0.0	2.7	
ER-WR						43.4	0.4	43.0	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.7	-13.7	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	346.4	0.0	16.2	-16.2	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2502.6	0.0	48.2	-48.2	
30	400 KV	TALCHER-1C	D/C	0.0	1180.0	0.0	15.7	-15.7	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	78.1	-78.1	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1179	0.0	6.7	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	947	0.0	6.9	-7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.7	-2	
ER-NER						0.0	15.3	-15.3	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	11.9	-11.9	
NER-NR						0.0	11.9	-11.9	
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	8.8	0.0	8.8	
38	765 KV	APL -MHG	D/C	0	2015	0.0	37.2	-37.2	
39		GWALIOR-AGRA	D/C	0	2356	0.0	42.2	-42.2	
40	400 KV	PHAGI-GWALIOR	D/C	0	1692	0.0	28.0	-28.0	
41		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		RAPP-SHUJALPUR	D/C	0	394	0	3	-3	
45		BADOD-KOTA	S/C	28	20	0.2	0.1	0.2	
46		BADOD-MORAK	S/C	0	37	0.0	0.5	-0.5	
47	220 KV	MEHGAON-AURAIYA	S/C	40	0	0.6	0.0	0.6	
48	132KV	MALANPUR-AURAIYA	S/C	20	9	0.2	0.0	0.1	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						12.5	138.6	-126.1	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.4	-22.4	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	2065	0.0	38.5	-38.5	
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	269	0.0	5.5	-5.5	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	90	0	1.8	0.0	1.8	
WR-SR						1.9	87.7	-85.8	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.0	
59		NEPAL						-8.3	
60		BANGLADESH						-14.0	