



**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: 02<sup>nd</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 01.04.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01 अप्रैल 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें 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 01<sup>st</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

2-Apr-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39991	46566	38975	19105	1920	146557
Peak Shortage (MW)	639	94	94	0	264	1091
Energy Met (MU)	932	1119	972	393	33	3449
Hydro Gen(MU)	149	31	70	60	11	322
Wind Gen(MU)	11	55	24	-----	-----	89
Solar Gen (MU)*	1.08	12.78	22.30	1.32	0.02	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	0.032	0.00	0.00	3.15	3.15	74.38	22.48

**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	6358	0	127.7	60.7	-0.3	158
	Haryana	6608	0	121.1	95.6	-0.3	195
	Rajasthan	8387	0	180.0	65.1	2.2	290
	Delhi	3892	0	83.1	64.4	-0.4	155
	UP	14877	0	314.9	108.4	2.8	513
	Uttarakhand	1681	0	34.7	20.0	-0.9	161
	HP	1276	0	25.5	13.1	1.6	149
	J&K	1989	497	40.9	26.5	0.8	302
WR	Chhattisgarh	3830	0	90.1	43.9	0.7	308
	Gujarat	14418	0	323.4	102.2	0.0	586
	MP	8323	0	178.0	94.5	-2.1	495
	Maharashtra	22047	0	486.8	142.5	1.3	436
	Goa	509	0	10.3	9.1	0.7	80
	DD	277	0	6.4	6.1	0.3	24
	DNH	715	0	14.5	16.1	-1.6	32
	Essar steel	743	0	9.6	9.4	0.1	189
SR	Andhra Pradesh	7227	0	162.1	16.8	6.0	809
	Telangana	8970	0	185.4	91.8	-2.6	327
	Karnataka	9980	0	225.6	80.1	1.0	807
	Kerala	3719	0	75.2	54.4	1.9	333
	Tamil Nadu	13614	0	316.6	155.0	3.1	683
	Pondy	323	0	7.0	7.3	-0.3	29
ER	Bihar	3704	0	71.3	64.1	1.4	200
	DVC	2804	0	64.5	-37.4	-0.3	100
	Jharkhand	1168	0	24.6	19.2	1.9	180
	Odisha	4004	0	79.1	20.7	1.1	280
	West Bengal	8010	0	152.4	61.4	0.7	290
	Sikkim	84	0	1.3	1.8	-0.5	15
NER	Arunachal Pradesh	99	1	1.8	2.2	-0.5	15
	Assam	1382	12	18.8	14.9	-0.2	178
	Manipur	144	1	1.9	2.5	-0.7	15
	Meghalaya	164	0	4.3	1.5	-0.7	41
	Mizoram	77	2	1.3	1.3	-0.1	16
	Nagaland	90	2	1.3	1.7	-0.6	12
	Tripura	209	3	3.8	1.5	1.2	78

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	14.2	-6.6	-14.4
Day peak (MW)	846.4	-372.5	-630.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	185.4	-226.7	88.3	-47.4	0.6	0.3
Actual(MU)	193.0	-224.7	86.7	-44.3	-7.4	3.2
O/D/U/D(MU)	7.5	1.9	-1.6	3.1	-8.0	2.9

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5673	9241	4220	2035	537	21706
State Sector	11565	16734	5652	7059	110	41120
Total	17238	25975	9872	9094	646	62826

\*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 :	2-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	236	0.0	7.2	-7.2	
2		SASARAM-FATEHPUR	S/C	0	117	1.8	0.0	1.8	
3	HVDC	GAYA-BALIA	S/C	0	309	0.0	5.5	-5.5	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	146	0.0	3.1	-3.1	
6		PUSAULI-VARANASI	S/C	0	157	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	25	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	667	0.0	11.3	-11.3	
9		PATNA-BALIA	Q/C	0	836	0.0	17.1	-17.1	
10		BIHARSHARIFF-BALIA	D/C	0	246	0.0	4.0	-4.0	
11		BARH-GORAKHPUR	D/C	0	405	0.0	8.5	-8.5	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.1	-0.1		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	219	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	0.6	0.0	0.6	
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						2.4	60.7	-58.3	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	155	1.9	0.0	1.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	9.5	0.0	9.5	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	0.0	0.0	0.0	
21		JHARSUGUDA-RAIGARH	S/C	0	11	2.2	0.0	2.2	
22		IBEUL-RAIGARH	S/C	0	0	2.3	0.0	2.3	
23		STERLITE-RAIGARH	D/C	0	117	0.1	0.0	0.1	
24	220 KV	RANCHI-SIPAT	D/C	0	0	8.3	0.0	8.3	
25		BUDHIPADAR-RAIGARH	S/C	0	78	0.0	0.2	-0.2	
26		BUDHIPADAR-KORBA	D/C	0	3	1.3	0.0	1.3	
ER-WR						25.6	0.2	25.4	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.6	-16.6	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	12.6	-12.6	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2022.6	0.0	39.3	-39.3	
30	400 KV	TALCHER-1C	D/C	0.0	635.1	13.5	0.0	13.5	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	68.5	-68.5	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	620	5.3	0.0	5	
33		ALIPURDUAR-BONGAIGAON	D/C	0	512	7.1	0.0	7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.6	0.0	1	
ER-NER						13.0	0.0	13.0	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	492	502	5.5	0.0	5.5	
NER-NR						5.5	0.0	5.5	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	21.2	-21.2	
37		V'CHAL B/B	D/C	300	0	6.4	0.0	6.4	
38		APL -MHG	D/C	0	1712	0.0	32.0	-32.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2656	0.0	55.1	-55.1	
40		PHAGI-GWALIOR	D/C	0	1904	0.0	29.0	-29.0	
41	400 KV	ZERDA-KANKROLI	S/C	239	39	2.3	0.0	2.3	
42		ZERDA -BHINMAL	S/C	244	95	1.0	0.0	1.0	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	438	0	4	-4	
45		BADOD-KOTA	S/C	16	68	0.0	0.7	-0.6	
46		BADOD-MORAK	S/C	0	111	0.0	1.5	-1.5	
47		MEHGAON-AURAIYA	S/C	35	22	0.3	0.1	0.2	
48	132KV	MALANPUR-AURAIYA	S/C	4	38	0.0	0.4	-0.4	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						10.1	144.1	-134.0	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	15.9	-15.9	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1829	0.0	29.2	-29.2	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	301	134	0.4	0.0	0.4	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	274	0.0	5.6	-5.6	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	90	0	2.0	0.0	2.0	
WR-SR						2.4	68.7	-66.3	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						14.2	
59		NEPAL						-6.6	
60		BANGLADESH						-14.4	