



**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: 05<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 नोंग्रह, 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 04.04.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 04 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 04 April 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

5-Apr-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42460	46983	38290	19022	2028	148784
Peak Shortage (MW)	466	36	0	0	225	727
Energy Met (MU)	898	1129	977	384	31	3419
Hydro Gen(MU)	136	48	74	49	11	318
Wind Gen(MU)	33	60	26	-----	-----	118
Solar Gen (MU)*	2.80	13.13	21.50	2.30	0.02	40

**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	0.041	0.00	0.03	8.04	8.08	74.75	17.18

**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	5295	0	109.5	55.2	0.2	349
	Haryana	6401	0	116.6	90.2	-0.9	317
	Rajasthan	7916	0	173.0	58.5	0.3	443
	Delhi	3941	0	84.7	72.1	-1.3	108
	UP	14417	0	313.2	115.9	3.9	463
	Uttarakhand	1722	0	35.1	22.1	-0.1	103
	HP	1271	0	24.4	12.4	1.8	258
	J&K	1866	466	37.2	25.3	-1.4	129
WR	Chhattisgarh	3887	0	91.2	45.7	-1.6	296
	Gujarat	14886	0	326.5	81.5	0.5	442
	MP	8278	0	181.5	101.6	-2.4	403
	Maharashtra	21854	514	485.6	137.5	4.5	1052
	Goa	483	0	10.3	9.2	0.5	86
	DD	311	0	7.1	6.4	0.7	61
	DNH	726	0	16.7	16.8	-0.1	32
	Essar steel	470	0	10.0	9.0	1.0	208
SR	Andhra Pradesh	7224	0	164.0	35.8	5.9	906
	Telangana	9001	0	183.8	106.5	2.2	337
	Karnataka	9768	0	222.4	72.0	1.9	316
	Kerala	3747	0	76.2	51.6	1.9	309
	Tamil Nadu	14224	0	322.9	160.0	1.2	544
	Pondy	343	0	7.3	7.6	-0.3	17
ER	Bihar	3706	0	68.8	64.2	-0.3	250
	DVC	2920	0	67.7	-35.7	-0.6	225
	Jharkhand	1173	0	24.8	18.0	1.1	100
	Odisha	3860	0	75.4	20.2	0.5	250
	West Bengal	8253	0	146.5	41.7	0.4	250
NER	Sikkim	83	0	1.2	1.7	-0.5	15
	Arunachal Pradesh	100	1	1.8	2.2	-0.4	11
	Assam	1215	191	18.5	12.5	2.0	103
	Manipur	135	1	2.0	2.2	-0.2	9
	Meghalaya	235	0	4.1	1.5	-0.8	43
	Mizoram	83	1	1.0	1.2	-0.3	9
	Nagaland	87	5	1.7	1.6	0.0	1
Tripura	195	5	2.2	2.1	-0.8	21	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	10.1	-7.7	-12.6
Day peak (MW)	726.2	-364.4	-597.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	191.4	-237.0	110.7	-58.4	-4.0	2.8
Actual(MU)	180.0	-238.5	112.9	-50.8	-5.6	-2.0
O/D/U/D(MU)	-11.4	-1.6	2.2	7.6	-1.6	-4.8

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4973	8806	4520	2095	478	20872
State Sector	12630	17126	6362	6259	110	42487
Total	17603	25932	10882	8354	588	63359

\*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 :	5-Apr-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	251	0.0	6.2	-6.2	
2		SASARAM-FATEHPUR	S/C	0	72	1.9	0.0	1.9	
3	HVDC	GAYA-BALIA	S/C	0	284	0.0	4.7	-4.7	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	148	0.0	3.5	-3.5	
6		PUSAULI-VARANASI	S/C	0	152	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	44	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	472	0.0	6.4	-6.4	
9		PATNA-BALIA	Q/C	0	710	0.0	13.3	-13.3	
10		BIHARSHARIFF-BALIA	D/C	0	124	0.0	2.0	-2.0	
11		BARH-GORAKHPUR	D/C	0	452	0.0	9.8	-9.8	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.6	0.0	0.6		
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	0.5	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	
<b>ER-NR</b>						<b>3.0</b>	<b>50.2</b>	<b>-47.2</b>	
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	77	5.5	0.0	5.5	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	218	6.8	0.0	6.8	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	1.8	0.0	1.8	
21		JHARSUGUDA-RAIGARH	S/C	0	33	1.8	0.0	1.8	
22		IBEUL-RAIGARH	S/C	0	0	1.8	0.0	1.8	
23		STERLITE-RAIGARH	D/C	0	105	0.1	0.0	0.1	
24	220 KV	RANCHI-SIPAT	D/C	0	0	7.4	0.0	7.4	
25		BUDHIPADAR-RAIGARH	S/C	0	93	0.0	1.0	-1.0	
26		BUDHIPADAR-KORBA	D/C	0	0	2.0	0.0	2.0	
<b>ER-WR</b>						<b>27.3</b>	<b>1.0</b>	<b>26.3</b>	
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.3	-16.3	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.1	0.0	16.2	-16.2	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2022.6	0.0	44.8	-44.8	
30	400 KV	TALCHER-1C	D/C	0.0	413.2	3.2	0.3	3.0	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
<b>ER-SR</b>						<b>0.0</b>	<b>77.3</b>	<b>-77.3</b>	
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	355	1.1	0.0	1	
33		ALIPURDUAR-BONGAIGAON	D/C	0	300	2.1	0.0	2	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0	
<b>ER-NER</b>						<b>3.2</b>	<b>0.0</b>	<b>3.2</b>	
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	489	502	0.0	2.5	-2.5	
<b>NER-NR</b>						<b>0.0</b>	<b>2.5</b>	<b>-2.5</b>	
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	24.0	-24.0	
37		V'CHAL B/B	D/C	350	0	8.6	0.0	8.6	
38		APL -MHG	D/C	0	1814	0.0	39.0	-39.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2580	0.0	52.6	-52.6	
40		PHAGI-GWALIOR	D/C	0	1500	0.0	29.4	-29.4	
41	400 KV	ZERDA-KANKROLI	S/C	249	0	4.0	0.0	4.0	
42		ZERDA -BHINMAL	S/C	240	53	3.6	0.0	3.6	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	329	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	20	33	0.1	0.2	-0.1	
46		BADOD-MORAK	S/C	0	73	0.0	1.0	-1.0	
47		MEHGAON-AURAIYA	S/C	43	7	0.6	0.0	0.6	
48		MALANPUR-AURAIYA	S/C	18	24	0.1	0.2	-0.1	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>16.9</b>	<b>149.3</b>	<b>-132.3</b>	
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.9	-21.9	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1770	0.0	32.5	-32.5	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	293	125	0.0	3.0	-3.0	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	284	0.0	5.5	-5.5	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	85	0	1.8	0.0	1.8	
<b>WR-SR</b>						<b>1.8</b>	<b>80.8</b>	<b>-79.0</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						10.1	
59		NEPAL						-7.7	
60		BANGLADESH						-12.6	