



**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: 20<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, Tollygunge, 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 19.04.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19 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 19<sup>th</sup> 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 20-Apr-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	47552	48566	38933	18161	1914	155126
Peak Shortage (MW)	-27	130	0	0	338	441
Energy Met (MU)	1026	1155	972	388	38	3579
Hydro Gen(MU)	277	57	61	31	8	433
Wind Gen(MU)	15	91	66	-----	-----	171
Solar Gen (MU)*	3.77	13.47	23.10	1.06	0.03	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	0.042	0.00	0.57	9.06	9.63	76.97	13.40

**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	6243	0	129.1	83.3	-0.8	182	
	Haryana	7079	0	134.0	99.8	0.7	213	
	Rajasthan	9145	220	197.0	73.5	2.3	300	
	Delhi	5098	0	104.5	86.0	0.1	177	
	UP	16958	855	352.9	157.9	0.9	882	
	Uttarakhand	1843	0	37.8	15.0	-0.5	102	
	HP	1303	0	26.5	6.1	1.0	234	
	J&K	1862	466	38.8	20.6	-0.5	243	
	Chandigarh	271	0	5.5	5.7	-0.2	19	
	WR	Chhattisgarh	4017	0	94.3	31.7	-1.3	388
Gujarat		15031	0	339.3	66.3	0.2	229	
MP		8392	0	179.9	99.1	-1.2	452	
Maharashtra		22472	146	497.7	161.3	2.1	725	
Goa		504	0	10.7	9.6	0.6	91	
DD		322	0	7.3	6.9	0.4	25	
DNH		753	0	17.2	16.4	0.8	113	
Essar steel		445	0	8.8	7.9	0.8	232	
SR		Andhra Pradesh	7699	0	168.7	28.2	1.3	599
		Telangana	8247	0	172.6	76.2	0.5	400
	Karnataka	9696	0	214.2	73.6	4.2	385	
	Kerala	3865	0	77.2	54.4	1.3	259	
	Tamil Nadu	15230	0	331.0	153.6	4.0	545	
	Pondy	365	0	7.8	8.1	-0.3	19	
ER	Bihar	3785	0	68.5	68.0	0.4	200	
	DVC	2997	0	66.4	-35.1	0.5	210	
	Jharkhand	1101	0	20.4	17.4	1.0	110	
	Odisha	4046	0	78.8	23.6	0.1	220	
	West Bengal	8235	0	152.2	45.0	0.1	250	
	Sikkim	95	0	1.4	1.3	0.1	10	
NER	Arunachal Pradesh	87	2	2.0	1.5	0.5	26	
	Assam	1277	149	22.8	16.7	2.8	186	
	Manipur	149	0	2.4	2.0	0.4	10	
	Meghalaya	210	0	4.5	2.6	0.3	34	
	Mizoram	82	2	1.4	1.0	0.3	32	
	Nagaland	112	2	2.1	1.7	0.2	16	
	Tripura	148	33	3.0	2.5	-0.5	83	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.0	-7.4	-14.6
Day peak (MW)	285.5	-304.0	-641.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	183.9	-231.3	87.5	-49.3	7.5	-1.6
Actual(MU)	178.3	-223.4	79.0	-42.0	10.3	2.1
O/D/U/D(MU)	-5.6	7.8	-8.5	7.2	2.8	3.7

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5106	10945	3520	1800	1088	22459
State Sector	13750	15491	7052	6299	110	42702
Total	18856	26436	10572	8099	1197	65161

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(बि०प्र०)/  
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	20-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	302	0.0	5.7	-5.7	
2		SASARAM-FATEHPUR	S/C	0	0	4.1	0.0	4.1	
3		GAYA-BALIA	S/C	0	457	0.0	5.2	-5.2	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	HVDC	PUSAULI B/B	S/C	0	149	0.0	3.6	-3.6	
6		PUSAULI-VARANASI	S/C	0	148	0.0	0.0	0.0	
7	400 KV	PUSAULI -ALLAHABAD	S/C	0	28	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	326	0.0	0.9	-0.9	
9		PATNA-BALIA	Q/C	0	837	0.0	16.3	-16.3	
10		BIHARSHARIFF-BALIA	D/C	0	191	0.0	2.0	-2.0	
11		BARH-GORAKHPUR	D/C	0	574	0.0	11.3	-11.3	
12		BIHARSHARIFF-VARANASI	D/C	0	0	1.3	0.0	1.3	
13		PUSAULI-SAHUPURI	S/C	0	243	0.0	5.0	-5.0	
14	220 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						5.9	49.9	-44.0	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	55	0.0	0.0	0.0	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	9.1	0.0	9.1	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	1.9	0.0	1.9	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.6	0.0	1.6	
22		IBEUL-RAIGARH	S/C	0	0	1.6	0.0	1.6	
23		STERLITE-RAIGARH	D/C	0	124	0.0	0.1	-0.1	
24	220 KV	RANCHI-SIPAT	D/C	0	0	9.7	0.0	9.7	
25		BUDHIPADAR-RAIGARH	S/C	0	92	0.0	1.1	-1.1	
26		BUDHIPADAR-KORBA	D/C	0	0	3.7	0.0	3.7	
ER-WR						27.5	1.1	26.4	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.1	-13.1	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.7	0.0	15.7	-15.7	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2015.8	0.0	36.5	-36.5	
30	400 KV	TALCHER-1C	D/C	0.0	780.3	1.8	0.5	1.3	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	65.3	-65.3	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	754	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	776	1.8	0.0	2	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.1	0	
ER-NER						1.8	0.1	1.6	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	700	0	11.8	0.0	11.8	
NER-NR						11.8	0.0	11.8	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	28.1	-28.1	
37		V'CHAL B/B	D/C	250	250	4.6	0.9	3.7	
38		APL -MHG	D/C	0	2517	0.0	44.8	-44.8	
39	765 KV	GWALIOR-AGRA	D/C	0	2990	0.0	55.3	-55.3	
40		PHAGI-GWALIOR	D/C	0	1188	0.0	22.2	-22.2	
41	400 KV	ZERDA-KANKROLI	S/C	234	52	3.0	0.0	3.0	
42		ZERDA -BHINMAL	S/C	217	77	2.0	0.0	2.0	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	479	0	4	-4	
45	220 KV	BADOD-KOTA	S/C	7	67	0.0	0.7	-0.7	
46		BADOD-MORAK	S/C	0	99	0.0	1.5	-1.5	
47		MEHGAON-AURAIYA	S/C	36	0	0.5	0.0	0.5	
48		MALANPUR-AURAIYA	S/C	15	20	0.0	0.2	-0.1	
49		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						10.1	157.6	-147.5	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1517	0.0	32.0	-32.0	
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	244	0.0	5.1	-5.1	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	93	0	2.0	0.0	2.0	
WR-SR						2.1	82.2	-80.1	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						4.0	
59		NEPAL						-7.4	
60		BANGLADESH						-14.6	