



**National Load Despatch Centre**  
राष्ट्रीय भार प्रेषण केंद्र  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
पाँवर 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> May 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 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 04.05.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 04 मई 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 04<sup>th</sup> May 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-May-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46717	47178	37880	18553	2011	152339
Peak Shortage (MW)	933	88	0	400	486	1907
Energy Met (MU)	1018	1118	926	398	39	3500
Hydro Gen(MU)	205	18	62	55	9	349
Wind Gen(MU)	5	44	16	-----	-----	65
Solar Gen (MU)*	2.70	12.63	27.60	1.29	0.03	44
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48553	48628	40610	19409	2453	156587

**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	0.061	0.00	0.98	16.22	17.20	70.95	11.85

**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	6414	0	141.0	81.7	0.2	141
	Haryana	6936	0	141.6	102.1	0.0	321
	Rajasthan	9024	1222	198.0	73.1	3.8	533
	Delhi	4916	0	100.5	77.6	-0.9	210
	UP	16782	1185	332.4	124.3	0.6	911
	Uttarakhand	1827	0	37.5	18.8	0.6	174
	HP	1194	0	24.8	9.6	1.7	376
	J&K	1918	480	37.7	21.5	-0.3	167
WR	Chandigarh	249	0	5.0	5.3	-0.3	26
	Chhattisgarh	3846	0	87.2	28.8	-1.5	229
	Gujarat	15440	0	340.6	88.2	1.3	339
	MP	8197	0	181.3	107.6	-1.2	215
	Maharashtra	21465	802	465.3	133.8	1.3	754
	Goa	484	0	11.0	8.9	1.5	76
	DD	323	0	7.3	7.0	0.3	33
	DNH	758	0	17.4	18.0	-0.7	37
SR	Essar steel	428	0	8.2	8.9	-0.7	155
	Andhra Pradesh	7206	0	160.9	31.7	2.6	510
	Telangana	6947	0	148.1	66.9	-4.4	229
	Karnataka	9225	0	205.2	74.6	4.8	484
	Kerala	3631	0	74.0	50.9	1.3	300
	Tamil Nadu	14530	0	330.2	168.3	-1.4	702
ER	Pondy	344	0	7.5	7.8	-0.3	24
	Bihar	3520	300	72.3	67.2	1.4	250
	DVC	2966	0	67.3	-54.2	-0.5	300
	Jharkhand	1154	0	24.5	16.2	2.1	210
	Odisha	3864	0	81.2	25.2	-0.1	380
	West Bengal	8309	0	151.9	42.7	-0.4	680
NER	Sikkim	67	0	1.0	0.6	0.4	40
	Arunachal Pradesh	129	1	2.1	1.7	0.4	74
	Assam	1351	143	21.7	15.4	2.5	235
	Manipur	152	1	2.0	2.0	0.0	31
	Meghalaya	280	0	4.7	2.2	0.3	41
	Mizoram	82	1	1.4	1.1	0.2	16
	Nagaland	100	0	2.5	1.7	0.5	39
Tripura	255	1	4.4	2.6	0.8	42	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.7	-7.9	-14.6
Day peak (MW)	356.7	-385.6	-638.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	203.0	-195.8	63.9	-72.1	3.6	2.6
Actual(MU)	195.1	-206.0	64.4	-72.2	8.0	-10.6
O/D/U/D(MU)	-7.9	-10.2	0.5	-0.1	4.4	-13.2

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3953	10976	4020	2785	640	22374
State Sector	11385	15150	6642	4260	110	37547
Total	15338	26126	10662	7045	749	59921

\*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(वि०प्र०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	5-May-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	9.4	-9.4	
2		SASARAM-FATEHPUR	S/C	0	108	0.0	0.1	-0.1	
3	HVDC	GAYA-BALIA	S/C	0	386	0.0	6.3	-6.3	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	148	0.0	3.6	-3.6	
6		PUSAULI-VARANASI	S/C	0	152	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	40	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	529	0.0	6.4	-6.4	
9		PATNA-BALIA	Q/C	0	843	0.0	18.0	-18.0	
10		BIHARSHARIFF-BALIA	D/C	0	307	0.0	4.5	-4.5	
11		BARH-GORAKHPUR	D/C	0	541	0.0	10.8	-10.8	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.7	-0.7		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	237	0.0	4.5	-4.5	
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						0.6	64.3	-63.7	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	601	0.0	5.0	-5.0	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	223	2.4	0.0	2.4	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	86	0.0	0.2	-0.2	
21		JHARSUGUDA-RAIGARH	S/C	0	65	0.2	0.0	0.2	
22		IBEUL-RAIGARH	S/C	0	0	0.2	0.0	0.2	
23		STERLITE-RAIGARH	D/C	0	108	0.1	0.0	0.1	
24	220 KV	RANCHI-SIPAT	D/C	0	4	5.8	0.0	5.8	
25		BUDHIPADAR-RAIGARH	S/C	0	143	0.0	2.1	-2.1	
26		BUDHIPADAR-KORBA	D/C	0	0	2.6	0.0	2.6	
ER-WR						11.2	7.3	3.9	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	5.4	-5.4	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	350.5	0.0	11.5	-11.5	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2506.7	0.0	40.7	-40.7	
30	400 KV	TALCHER-1C	D/C	0.0	375.1	4.8	0.5	4.3	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	57.5	-57.5	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	392	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	414	4.4	0.0	4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.3	0.0	0	
ER-NER						4.7	0.0	4.7	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	430	492	11.7	0.0	11.7	
NER-NR						11.7	0.0	11.7	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	36.1	-36.1	
37		V'CHAL B/B	D/C	500	0	8.7	0.0	8.7	
38		APL -MHG	D/C	0	2015	0.0	40.5	-40.5	
39	765 KV	GWALIOR-AGRA	D/C	0	2764	0.0	54.2	-54.2	
40		PHAGI-GWALIOR	D/C	0	1582	0.0	31.5	-31.5	
41	400 KV	ZERDA-KANKROLI	S/C	298	0	5.3	0.0	5.3	
42		ZERDA -BHINMAL	S/C	92	0	2.8	0.0	2.8	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	326	0	3	-3	
45		BADOD-KOTA	S/C	60	15	0.7	0.0	0.6	
46		BADOD-MORAK	S/C	25	60	0.1	0.3	-0.1	
47		MEHGAON-AURAIYA	S/C	39	0	0.4	0.0	0.4	
48	132KV	MALANPUR-AURAIYA	S/C	15	11	0.1	0.1	0.0	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						18.0	165.4	-147.4	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	13.9	-13.9	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1926	0.0	24.4	-24.4	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	160	400	0.3	2.5	-2.2	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	240	0.0	5.1	-5.1	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	108	0	2.0	0.0	2.0	
WR-SR						2.2	63.8	-61.6	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.7	
59		NEPAL						-7.9	
60		BANGLADESH						-14.6	