



**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: 04<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, 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 , लापलंग, 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 03.05.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03 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 03<sup>rd</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

4-May-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45349	46132	38232	18806	2254	150773
Peak Shortage (MW)	3569	149	0	0	239	3958
Energy Met (MU)	1001	1122	915	388	37	3463
Hydro Gen(MU)	199	17	47	60	11	333
Wind Gen(MU)	15	46	15	-----	-----	76
Solar Gen (MU)*	2.91	12.59	25.40	1.44	0.03	42
Maximum Demand Met during the day (MW) (from NLDC SCADA)	45988	48615	38816	19475	2478	150830

**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	0.165	0.34	10.38	39.51	50.23	45.32	4.44

**C. Power Supply Position in States**

RegionRegion	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	6224	0	135.6	83.6	-0.1	322
	Haryana	6885	0	141.1	106.5	-2.4	498
	Rajasthan	7934	3008	174.9	74.0	4.9	338
	Delhi	4839	0	100.1	81.7	-0.8	181
	UP	16605	505	344.3	135.3	-0.6	650
	Uttarakhand	1749	0	36.0	16.8	0.2	198
	HP	1267	0	24.8	5.0	7.4	650
	J&K	1867	467	39.3	19.0	4.4	293
WR	Chandigarh	228	0	4.9	4.8	0.0	36
	Chhattisgarh	3889	0	90.7	25.8	-0.6	229
	Gujarat	15100	0	334.1	89.0	0.6	339
	MP	7911	0	174.7	102.2	-4.2	215
	Maharashtra	20984	953	481.5	144.9	-2.5	754
	Goa	482	0	10.3	8.5	1.2	76
	DD	330	0	7.3	7.0	0.4	33
	DNH	768	0	17.3	17.3	0.0	37
SR	Essar steel	344	0	6.4	6.6	-0.2	155
	Andhra Pradesh	7214	0	163.3	37.7	4.2	466
	Telangana	6989	0	146.0	67.4	-4.0	273
	Karnataka	9109	0	200.4	78.6	1.4	352
	Kerala	3662	0	72.6	55.7	0.9	287
	Tamil Nadu	14796	0	325.4	173.4	-0.8	444
ER	Pondy	356	0	7.7	8.0	-0.4	22
	Bihar	3891	0	72.8	69.0	0.3	250
	DVC	2813	0	64.6	-53.9	-2.7	100
	Jharkhand	1235	0	24.1	15.8	2.2	250
	Odisha	3859	0	81.3	27.9	-1.8	260
	West Bengal	8181	0	143.7	33.8	3.6	570
NER	Sikkim	78	0	1.1	-0.2	1.2	20
	Arunachal Pradesh	121	4	1.9	1.6	0.2	74
	Assam	1346	140	20.2	13.6	2.7	235
	Manipur	148	2	2.4	1.8	0.6	31
	Meghalaya	293	0	4.6	1.1	-0.1	41
	Mizoram	81	1	1.3	1.0	0.3	16
	Nagaland	101	1	2.2	1.6	0.4	39
Tripura	253	1	4.2	1.9	1.4	42	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.4	-7.9	-14.5
Day peak (MW)	312.3	-377.3	-667.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	221.4	-191.5	73.6	-101.8	3.1	4.8
Actual(MU)	220.9	-208.0	59.0	-95.8	9.2	-14.8
O/D/U/D(MU)	-0.5	-16.6	-14.6	6.0	6.1	-19.6

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4643	11700	3230	2125	821	22519
State Sector	12805	15480	7602	4560	110	40557
Total	17448	27180	10832	6685	930	63076

\*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 :	4-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	432	0.0	13.2	-13.2	
2		SASARAM-FATEHPUR	S/C	0	116	0.0	0.1	-0.1	
3	HVDC	GAYA-BALIA	S/C	0	426	0.0	6.9	-6.9	
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	151	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	47	0.0	0.4	-0.4	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	671	0.0	7.6	-7.6	
9		PATNA-BALIA	Q/C	0	994	0.0	19.5	-19.5	
10		BIHARSHARIFF-BALIA	D/C	0	303	0.0	4.6	-4.6	
11		BARH-GORAKHPUR	D/C	0	610	0.0	13.2	-13.2	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	2.4	-2.4		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	227	0.0	4.3	-4.3	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.6	0.0	0.6	
15		GARWAH-RIHAND	S/C	0	0	0.0	0.0	0.0	
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	75.5	-74.9	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	563	0.0	6.7	-6.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	298	0.0	0.7	-0.7	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	118	0.0	0.6	-0.6	
21		JHARSUGUDA-RAIGARH	S/C	0	61	0.0	0.0	0.0	
22		IBEUL-RAIGARH	S/C	0	0	0.0	0.0	0.0	
23		STERLITE-RAIGARH	D/C	0	143	0.0	0.6	-0.6	
24	220 KV	RANCHI-SIPAT	D/C	0	38	2.7	0.0	2.7	
25		BUDHIPADAR-RAIGARH	S/C	0	164	0.0	2.6	-2.6	
26		BUDHIPADAR-KORBA	D/C	0	0	2.4	0.0	2.4	
ER-WR						5.1	11.2	-6.2	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.3	-12.3	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	297.3	0.0	13.4	-13.4	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1624.3	0.0	34.3	-34.3	
30	400 KV	TALCHER-1C	D/C	0.0	764.7	2.0	0.5	1.5	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	60.0	-60.0	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	710	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	732	1.1	0.0	1	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.3	0	
ER-NER						1.1	0.3	0.8	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	430	492	11.0	0.0	11.0	
NER-NR						11.0	0.0	11.0	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.7	-35.7	
37		V'CHAL B/B	D/C	200	150	1.7	0.8	0.9	
38		APL -MHG	D/C	0	2517	0.0	38.4	-38.4	
39	765 KV	GWALIOR-AGRA	D/C	0	2796	0.0	57.3	-57.3	
40		PHAGI-GWALIOR	D/C	0	1706	0.0	35.5	-35.5	
41	400 KV	ZERDA-KANKROLI	S/C	295	0	5.0	0.0	5.0	
42		ZERDA -BHINMAL	S/C	304	0	3.3	0.0	3.3	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	380	0	3	-3	
45		BADOD-KOTA	S/C	30	52	0.2	0.2	0.0	
46		BADOD-MORAK	S/C	1	76	0.0	1.0	-1.0	
47		MEHGAON-AURAIYA	S/C	48	36	0.5	0.1	0.4	
48	132KV	MALANPUR-AURAIYA	S/C	20	15	0.1	0.1	0.0	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						10.8	172.6	-161.8	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	300	0.0	7.2	-7.2	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1694	0.0	24.7	-24.7	
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	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	95	0	2.0	0.0	2.0	
WR-SR						2.3	57.8	-55.5	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						4.4	
59		NEPAL						-7.9	
60		BANGLADESH						-14.5	