



**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: 07<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, 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 06.05.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 06 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 06<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

7-May-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48073	45488	36183	17613	2125	149481
Peak Shortage (MW)	602	53	0	0	277	932
Energy Met (MU)	1078	1122	916	385	35	3536
Hydro Gen(MU)	223	29	46	56	16	369
Wind Gen(MU)	13	45	29	-----	-----	86
Solar Gen (MU)*	2.83	12.73	25.10	1.35	0.02	42
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49623	48751	40149	18423	2245	152537

**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	0.058	0.01	1.22	13.75	14.98	72.82	12.20

**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	6893	0	152.8	83.3	0.7	212
	Haryana	7292	0	153.9	104.4	0.0	268
	Rajasthan	9291	0	202.2	67.2	0.2	376
	Delhi	5157	0	104.0	85.4	0.5	157
	UP	17051	190	354.2	133.6	2.3	528
	Uttarakhand	1915	0	40.2	22.4	0.8	147
	HP	1273	0	26.2	8.8	3.4	244
	J&K	1986	497	39.7	22.6	-2.6	122
WR	Chandigarh	254	0	5.2	5.3	-0.1	17
	Chhattisgarh	3738	0	84.3	16.2	-0.3	282
	Gujarat	15211	0	335.1	86.7	0.2	302
	MP	8157	0	181.6	105.1	0.4	636
	Maharashtra	21379	967	477.9	130.5	4.3	968
	Goa	463	0	9.8	8.7	0.5	63
	DD	326	0	7.3	6.6	0.7	86
	DNH	750	0	17.2	17.4	-0.2	15
SR	Essar steel	455	0	8.5	9.4	-0.9	141
	Andhra Pradesh	7413	0	165.3	44.8	5.7	515
	Telangana	6855	0	146.3	67.1	-3.2	362
	Karnataka	9234	0	196.7	81.3	4.6	446
	Kerala	3547	0	74.5	52.4	1.5	243
	Tamil Nadu	14357	0	325.5	163.4	0.1	663
ER	Pondy	357	0	7.9	7.8	0.0	59
	Bihar	3886	0	70.8	65.7	1.5	200
	DVC	2921	0	65.6	-50.9	-2.4	230
	Jharkhand	1091	0	24.9	17.7	1.0	85
	Odisha	3853	0	76.6	17.6	0.5	220
	West Bengal	7649	0	145.6	36.5	0.4	250
NER	Sikkim	75	0	1.1	0.8	0.3	12
	Arunachal Pradesh	145	1	1.9	3.1	-1.1	22
	Assam	1258	213	19.2	15.2	0.4	120
	Manipur	153	1	2.4	2.5	-0.1	4
	Meghalaya	213	0	4.2	3.9	-1.3	46
	Mizoram	80	1	1.4	1.6	-0.3	1
	Nagaland	90	3	2.3	2.3	-0.3	7
Tripura	233	10	3.6	3.5	-0.1	53	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.6	-7.9	-14.2
Day peak (MW)	644.7	-344.0	-633.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	204.3	-224.0	92.4	-75.7	3.4	0.4
Actual(MU)	192.0	-213.0	97.0	-74.4	-1.3	0.3
O/D/U/D(MU)	-12.3	11.0	4.6	1.3	-4.7	-0.1

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4288	12284	4480	2860	530	24442
State Sector	10175	15057	7452	4260	110	37054
Total	14463	27341	11932	7120	639	61496

\*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 :	7-May-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	340	0.0	9.5	-9.5	
2		SASARAM-FATEHPUR	S/C	0	93	0.9	0.0	0.9	
3		GAYA-BALIA	S/C	0	395	0.0	5.8	-5.8	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	147	0.0	3.5	-3.5	
6	400 KV	PUSAULI-VARANASI	S/C	0	147	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	43	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	668	0.0	7.6	-7.6	
9		PATNA-BALIA	Q/C	0	714	0.0	13.2	-13.2	
10		BIHARSHARIFF-BALIA	D/C	0	290	0.0	4.8	-4.8	
11		BARH-GORAKHPUR	D/C	0	449	0.0	9.7	-9.7	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.5	-1.5	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	231	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	0.6	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	
<b>ER-NR</b>						<b>1.5</b>	<b>59.7</b>	<b>-58.2</b>	
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	580	0.2	0.0	0.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	323	0.0	2.3	-2.3	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	68	0.8	0.0	0.8	
21		JHARSUGUDA-RAIGARH	S/C	0	9	1.8	0.0	1.8	
22		IBEUL-RAIGARH	S/C	0	0	1.7	0.0	1.7	
23		STERLITE-RAIGARH	D/C	0	175	0.0	0.5	-0.5	
24	220 KV	RANCHI-SIPAT	D/C	0	1	3.8	0.0	3.8	
25		BUDHIPADAR-RAIGARH	S/C	0	146	0.0	1.7	-1.7	
26		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3	
<b>ER-WR</b>						<b>11.6</b>	<b>4.6</b>	<b>7.1</b>	
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	4.0	-4.0	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	366.9	0.0	7.9	-7.9	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2319.9	0.0	47.8	-47.8	
30	400 KV	TALCHER-I/C	D/C	0.0	671.8	0.8	0.6	0.1	
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>59.7</b>	<b>-59.7</b>	
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	583	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	605	0.8	0.0	1	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.3	0	
<b>ER-NER</b>						<b>0.8</b>	<b>0.3</b>	<b>0.4</b>	
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	1.7	-1.7	
<b>NER-NR</b>						<b>0.0</b>	<b>1.7</b>	<b>-1.7</b>	
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	36.0	-36.0	
37		V'CHAL B/B	D/C	500	0	10.7	0.0	10.7	
38		APL -MHG	D/C	0	2517	0.0	51.4	-51.4	
39	765 KV	GWALIOR-AGRA	D/C	0	2668	0.0	46.7	-46.7	
40		PHAGI-GWALIOR	D/C	0	1442	0.0	28.1	-28.1	
41	400 KV	ZERDA-KANKROLI	S/C	457	0	5.5	0.0	5.5	
42		ZERDA -BHINMAL	S/C	481	0	5.7	0.0	5.7	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	222	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	89	0	1.3	0.0	1.3	
46		BADOD-MORAK	S/C	50	56	0.5	0.2	0.3	
47		MEHGAON-AURAIYA	S/C	58	0	1.0	0.0	1.0	
48		MALANPUR-AURAIYA	S/C	29	0	0.3	0.0	0.3	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>24.9</b>	<b>163.7</b>	<b>-138.8</b>	
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.7	-20.7	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	2277	0.0	35.0	-35.0	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	175	344	1.0	0.9	0.1	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	246	0.0	5.2	-5.2	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	100	0	2.0	0.0	2.0	
<b>WR-SR</b>						<b>2.9</b>	<b>79.7</b>	<b>-76.8</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						8.6	
59		NEPAL						-7.9	
60		BANGLADESH						-14.2	