



**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: 09<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, 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 08.05.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08 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 08<sup>th</sup> May 2017, is available at the NLDC website.

धन्यवाद,



पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

9-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	47964	44021	36912	19107	2423	150427
Peak Shortage (MW)	1008	43	0	100	59	1210
Energy Met (MU)	1112	1085	854	402	40	3492
Hydro Gen(MU)	272	21	37	50	9	390
Wind Gen(MU)	16	55	26	-----	-----	96
Solar Gen (MU)*	4.00	12.54	24.80	1.27	0.02	43
Energy Shortage (MU)	10.3	0.0	0.0	0.3	0.7	11.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49513	48849	39050	19724	2615	153307

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	0.034	0.00	0.00	5.27	5.27	76.64	18.09

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)	Energy Shortage (MU)
NR	Punjab	7308	0	163.8	98.6	-0.5	242	0.0
	Haryana	7472	0	157.7	108.8	-0.5	212	0.0
	Rajasthan	9016	0	195.2	65.0	1.9	380	0.2
	Delhi	5683	0	115.2	95.2	1.0	291	0.2
	UP	17273	90	370.3	154.4	-2.0	357	0.0
	Uttarakhand	1855	0	39.4	21.7	-0.5	149	0.0
	HP	1149	95	24.5	6.6	1.3	217	0.6
	J&K	1831	458	39.3	18.9	-3.0	95	9.3
Chandigarh	325	0	6.1	6.2	-0.1	63	0.0	
WR	Chhattisgarh	3146	0	83.3	15.9	0.9	278	0.0
	Gujarat	15083	0	332.9	93.3	2.0	453	0.0
	MP	7490	0	166.6	82.5	-1.8	691	0.0
	Maharashtra	21829	0	460.7	148.5	-1.2	693	0.0
	Goa	421	0	8.7	8.9	-0.8	106	0.0
	DD	322	0	7.1	6.6	0.5	76	0.0
	DNH	753	0	16.8	17.2	-0.4	5	0.0
	Essar steel	427	0	9.0	8.7	0.3	206	0.0
SR	Andhra Pradesh	7170	0	155.9	50.1	6.4	714	0.0
	Telangana	6739	0	140.2	51.8	-3.5	327	0.0
	Karnataka	8442	0	168.0	65.2	2.6	609	0.0
	Kerala	3684	0	68.9	54.6	1.3	305	0.0
	Tamil Nadu	14652	0	313.0	157.2	2.7	750	0.0
	Pondy	363	0	7.6	7.9	-0.3	28	0.0
ER	Bihar	4242	100	77.6	73.4	1.4	385	0.3
	DVC	3014	0	67.8	-44.3	-0.6	321	0.0
	Jharkhand	1090	0	24.9	17.7	0.5	185	0.0
	Odisha	3952	0	78.8	26.2	-0.5	300	0.0
	West Bengal	8023	0	151.9	36.5	4.3	415	0.0
	Sikkim	76	0	1.1	1.5	-0.4	20	0.0
NER	Arunachal Pradesh	99	4	2.1	1.6	0.5	33	0.0
	Assam	1565	6	23.5	16.1	3.3	102	0.5
	Manipur	132	4	2.4	2.0	0.4	31	0.0
	Meghalaya	264	0	3.9	2.6	-0.2	46	0.0
	Mizoram	74	2	1.6	1.2	0.3	20	0.0
	Nagaland	86	3	1.9	1.7	-0.1	5	0.0
	Tripura	237	6	4.2	2.5	0.5	83	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.8	-8.3	-14.9
Day peak (MW)	384.4	-382.5	-649.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	214.6	-214.6	76.2	-78.7	3.7	1.2
Actual(MU)	201.9	-219.9	80.4	-69.6	8.2	1.0
O/D/U/D(MU)	-12.7	-5.3	4.2	9.2	4.5	-0.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3403	12249	4270	4155	455	24531
State Sector	8645	15185	7392	4660	110	35992
Total	12048	27434	11662	8815	564	60523

\*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(ग्रि०प्रा०)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 9-May-17	
								Import=(+ve) /Export =(-ve) for NET (MU)	
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
<b>Import/Export of ER (With NR)</b>									
1	765KV	GAYA-VARANASI	D/C	0	337	0.0	10.5	-10.5	
2		SASARAM-FATEHPUR	S/C	0	40	1.6	0.0	1.6	
3		GAYA-BALIA	S/C	0	448	0.0	6.5	-6.5	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	148	0.0	3.6	-3.6	
6	400 KV	PUSAULI-VARANASI	S/C	0	131	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	41	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	660	0.0	6.3	-6.3	
9		PATNA-BALIA	Q/C	0	839	0.0	16.5	-16.5	
10		BIHARSHARIFF-BALIA	D/C	0	311	0.0	3.7	-3.7	
11		BARH-GORAKHPUR	D/C	0	539	0.0	12.1	-12.1	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.1	-1.1	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	241	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	0.5	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>2.1</b>	<b>64.9</b>	<b>-62.7</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	110	3.1	0.0	3.1	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	214	1.6	0.0	1.6	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	43	1.2	1.0	0.2	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.2	0.0	2.2	
22		IBEUL-RAIGARH	S/C	0	0	2.1	0.0	2.1	
23		STERLITE-RAIGARH	D/C	0	147	0.8	0.0	0.8	
24		RANCHI-SIPAT	D/C	0	39	4.7	0.0	4.7	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	109	0.0	1.2	-1.2	
26		BUDHIPADAR-KORBA	D/C	0	0	4.2	0.0	4.2	
						<b>ER-WR</b>	<b>20.0</b>	<b>2.1</b>	<b>17.8</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.4	-11.4	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	339.6	0.0	15.5	-15.5	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2314.4	0.0	39.1	-39.1	
30	400 KV	TALCHER-I/C	D/C	0.0	363.0	3.9	0.2	3.8	
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>66.0</b>	<b>-66.0</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	403	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	425	3.9	0.0	4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0	
						<b>ER-NER</b>	<b>3.9</b>	<b>0.0</b>	<b>3.9</b>
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.5	0.0	11.5	
						<b>NER-NR</b>	<b>11.5</b>	<b>0.0</b>	<b>11.5</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.4	-35.4	
37		V'CHAL B/B	D/C	400	0	6.0	0.0	6.0	
38		APL -MHG	D/C	0	2416	0.0	51.5	-51.5	
39	765 KV	GWALIOR-AGRA	D/C	0	2832	0.0	52.2	-52.2	
40		PHAGI-GWALIOR	D/C	0	1474	0.0	28.7	-28.7	
41	400 KV	ZERDA-KANKROLI	S/C	464	0	8.5	0.0	8.5	
42		ZERDA -BHINMAL	S/C	397	137	6.8	0.0	6.8	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	328	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	25	62	0.7	0.0	0.7	
46		BADOD-MORAK	S/C	28	77	0.2	0.4	-0.2	
47		MEHGAON-AURAIYA	S/C	57	0	0.9	0.0	0.9	
48		MALANPUR-AURAIYA	S/C	25	7	0.3	0.0	0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>23.4</b>	<b>170.3</b>	<b>-146.9</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	17.0	-17.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	2004	0.0	27.2	-27.2	
53		WARDHA-NIZAMABAD	D/C	0	-872	0.0	-10.2	10.2	
54	400 KV	KOLHAPUR-KUDGI	D/C	261	224	2.3	0.7	1.6	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	235	0.0	4.2	-4.2	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	88	0	1.7	0.0	1.7	
						<b>WR-SR</b>	<b>4.0</b>	<b>38.9</b>	<b>-34.9</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>6.8</b>	
59		NEPAL						<b>-8.3</b>	
60		BANGLADESH						<b>-14.9</b>	