



**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: 23<sup>rd</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., डोंगतिह, लोअर नोंग्रह , 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 22.05.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22-मई 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 22 May 2017, is available at the NLDC website.

धन्यवाद,



**पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली**

Report for previous day

Date of Reporting

23-May-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45780	45899	36991	18680	2458	149808
Peak Shortage (MW)	1071	139	0	0	99	1308
Energy Met (MU)	986	1097	867	397	40	3388
Hydro Gen(MU)	298	36	26	67	11	437
Wind Gen(MU)	14	61	65	-----	-----	140
Solar Gen (MU)*	0.51	12.94	19.90	1.35	0.02	35
Energy Shortage (MU)	9.0	0.1	0.0	0.0	1.5	10.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47412	48798	37782	19188	2542	150353

**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	0.040	0.00	0.31	7.73	8.04	74.39	17.57

**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	6535	0	147.9	106.6	-0.6	169	0.0
	Haryana	6368	0	130.8	99.2	-0.4	201	0.0
	Rajasthan	9005	549	172.5	58.8	2.0	431	0.7
	Delhi	4498	0	93.1	82.8	-2.3	148	0.0
	UP	17014	350	337.3	143.7	1.8	560	0.0
	Uttarakhand	1901	0	38.0	16.6	-0.8	232	0.0
	HP	1233	4	25.6	3.7	1.2	228	0.0
	J&K	1820	455	35.1	13.8	-1.0	193	8.3
Chandigarh	260	0	5.4	6.0	-0.6	2	0.0	
WR	Chhattisgarh	3511	0	83.1	16.6	-0.1	182	0.0
	Gujarat	14621	0	308.6	87.5	1.9	454	0.0
	MP	8301	12	178.1	91.6	0.2	577	0.1
	Maharashtra	22216	0	483.1	137.6	4.8	623	0.0
	Goa	453	0	10.1	9.6	0.1	102	0.0
	DD	319	0	6.9	6.5	0.4	62	0.0
	DNH	765	0	17.1	17.5	-0.3	-3	0.0
	Essar steel	509	0	10.4	9.7	0.7	221	0.0
SR	Andhra Pradesh	7540	0	161.4	35.7	-0.1	921	0.0
	Telangana	6941	0	144.2	75.9	-4.0	226	0.0
	Karnataka	8331	0	175.1	74.0	0.6	574	0.0
	Kerala	3333	0	67.3	56.6	1.0	242	0.0
	Tamil Nadu	14511	0	310.9	133.1	3.4	1005	0.0
	Pondy	376	0	8.0	8.3	-0.4	23	0.0
ER	Bihar	3851	0	76.9	75.6	-2.2	200	0.0
	DVC	2802	0	63.9	-46.0	-1.7	220	0.0
	Jharkhand	1208	0	22.6	19.4	-1.5	80	0.0
	Odisha	4234	0	85.8	27.5	1.1	220	0.0
	West Bengal	7797	0	146.9	42.0	0.9	225	0.0
	Sikkim	69	0	1.2	1.0	0.2	12	0.0
NER	Arunachal Pradesh	106	2	1.9	1.8	0.1	35	0.0
	Assam	1565	51	23.6	19.1	0.8	144	1.4
	Manipur	149	1	2.4	2.2	0.2	7	0.0
	Meghalaya	246	0	3.9	2.8	-0.2	18	0.0
	Mizoram	71	3	1.3	1.3	0.0	13	0.0
	Nagaland	109	1	2.4	2.1	0.2	34	0.0
Tripura	248	6	4.7	3.1	0.6	21	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	10.6	-6.6	-15.2
Day peak (MW)	437.7	-244.7	-653.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	165.7	-185.0	82.5	-68.4	6.4	1.3
Actual(MU)	152.3	-180.6	76.0	-56.8	7.3	-1.8
O/D/U/D(MU)	-13.4	4.3	-6.5	11.6	0.9	-3.1

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3422	15431	3030	1200	455	23537
State Sector	11005	15066	7562	5035	110	38778
Total	14427	30497	10592	6235	564	62315

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 23-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	0	0.0	3.5	-3.5	
2		SASARAM-FATEHPUR	S/C	0	0	7.3	0.0	7.3	
3		GAYA-BALIA	S/C	0	422	0.0	5.6	-5.6	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	368	0.0	9.0	-9.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	299	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	122	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	471	0.0	3.6	-3.6	
9		PATNA-BALIA	Q/C	0	734	0.0	13.5	-13.5	
10		BIHARSHARIFF-BALIA	D/C	0	189	0.0	0.4	-0.4	
11		BARH-GORAKHPUR	D/C	0	553	0.0	11.2	-11.2	
12		BIHARSHARIFF-VARANASI	D/C	0	0	1.2	0.0	1.2	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	234	0.0	3.9	-3.9	
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>9.0</b>	<b>50.6</b>	<b>-41.5</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	129	5.5	0.0	5.5	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	375	0.5	0.0	0.5	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	30	1.4	0.0	1.4	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.4	0.0	2.4	
22		IBEUL-RAIGARH	S/C	0	0	2.4	0.0	2.4	
23		STERLITE-RAIGARH	D/C	0	67	1.4	0.0	1.4	
24		RANCHI-SIPAT	D/C	0	25	3.2	0.0	3.2	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	92	0.0	0.1	-0.1	
26		BUDHIPADAR-KORBA	D/C	0	0	4.5	0.0	4.5	
						<b>ER-WR</b>	<b>21.2</b>	<b>0.1</b>	<b>21.1</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	9.8	-9.8	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	319.1	0.0	14.6	-14.6	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2022.6	0.0	45.2	-45.2	
30	400 KV	TALCHER-I/C	D/C	0.0	845.5	0.0	9.7	-9.7	
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>69.6</b>	<b>-69.6</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	847	0.0	4.2	-4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	699	0.0	3.8	-4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1	
						<b>ER-NER</b>	<b>0.0</b>	<b>9.2</b>	<b>-9.2</b>
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	485	502	0.0	2.5	-2.5	
						<b>NER-NR</b>	<b>0.0</b>	<b>2.5</b>	<b>-2.5</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	25.4	-25.4	
37		V'CHAL B/B	D/C	500	0	7.1	0.0	7.1	
38		APL -MHG	D/C	0	2517	0.0	39.2	-39.2	
39	765 KV	GWALIOR-AGRA	D/C	0	2342	0.0	40.2	-40.2	
40		PHAGI-GWALIOR	D/C	0	1060	0.0	18.7	-18.7	
41	400 KV	ZERDA-KANKROLI	S/C	500	0	7.3	0.0	7.3	
42		ZERDA -BHINMAL	S/C	298	0	6.5	0.0	6.5	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	437	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	93	20	0.5	0.1	0.4	
46		BADOD-MORAK	S/C	43	48	0.2	0.6	-0.5	
47		MEHGAON-AURAIYA	S/C	53	0	0.7	0.0	0.7	
48		MALANPUR-AURAIYA	S/C	27	15	0.1	0.1	0.1	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>22.4</b>	<b>126.0</b>	<b>-103.6</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.5	-21.5	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1092	0.0	20.1	-20.1	
53		WARDHA-NIZAMABAD	D/C	0	623	0.0	12.9	-12.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	311	419	0.1	3.2	-3.1	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	243	0.0	4.1	-4.1	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	97	0	1.9	0.0	1.9	
						<b>WR-SR</b>	<b>2.0</b>	<b>61.7</b>	<b>-59.8</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>10.6</b>	
59		NEPAL						<b>-6.6</b>	
60		BANGLADESH						<b>-15.2</b>	