



**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: 21<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, शिल्लोंग - 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 20.05.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के परावधान के अनुसार, दिनांक 20-मई 2017 की अखिल भारतीय परणाली की दैनिक गिरड निष्पादन रिपोर्ट रांभांपरेंके 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 20 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

21-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48255	45882	36911	18017	2415	151481
Peak Shortage (MW)	1054	57	0	0	127	1237
Energy Met (MU)	1079	1113	871	402	41	3506
Hydro Gen(MU)	301	31	31	67	10	440
Wind Gen(MU)	34	100	91	-----	-----	224
Solar Gen (MU)*	3.26	12.70	25.70	1.44	0.02	43
Energy Shortage (MU)	17.8	0.0	0.0	0.0	1.1	19.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50523	47613	38274	18955	2450	152601

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	0.031	0.00	0.03	4.92	4.95	79.61	15.44

C. Power Supply Position in States

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)	Energy Shortage (MU)
NR	Punjab	6915	0	151.7	100.3	0.4	226	0.0
	Haryana	7146	0	149.4	103.0	-5.0	885	0.0
	Rajasthan	8824	0	192.5	63.9	5.8	1000	9.4
	Delhi	5383	0	107.4	89.4	-1.3	269	0.0
	UP	17242	1345	369.5	159.8	1.1	426	0.0
	Uttarakhand	1941	0	41.2	19.2	-0.1	116	0.0
	HP	1268	0	26.0	4.1	2.4	244	0.0
	J&K	1976	494	35.4	10.3	1.6	376	8.4
Chandigarh	274	0	5.6	5.9	-0.4	34	0.0	
WR	Chhattisgarh	3505	0	82.8	19.2	-1.4	149	0.0
	Gujarat	15002	0	331.7	97.6	1.1	334	0.0
	MP	8174	0	180.6	87.6	-1.6	385	0.0
	Maharashtra	21546	0	475.6	139.8	1.6	724	0.0
	Goa	466	0	10.8	9.4	0.9	71	0.0
	DD	320	0	7.2	6.8	0.4	54	0.0
	DNH	725	0	15.3	15.6	-0.3	18	0.0
	Essar steel	466	0	9.0	8.5	0.4	233	0.0
SR	Andhra Pradesh	7563	0	165.4	38.8	4.2	790	0.0
	Telangana	6923	0	149.7	59.6	-1.7	389	0.0
	Karnataka	8176	0	172.9	66.7	3.6	436	0.0
	Kerala	3256	0	70.7	55.0	1.0	286	0.0
	Tamil Nadu	13953	0	304.9	117.2	-2.0	853	0.0
	Pondy	359	0	7.8	7.9	-0.1	72	0.0
ER	Bihar	3950	0	80.5	75.3	3.2	120	0.0
	DVC	2786	0	68.2	-45.2	3.7	160	0.0
	Jharkhand	1231	0	23.6	18.3	-0.8	110	0.0
	Odisha	3965	0	81.8	27.3	2.5	250	0.0
	West Bengal	7704	0	146.7	43.2	1.2	210	0.0
	Sikkim	75	0	1.0	1.1	-0.1	20	0.0
NER	Arunachal Pradesh	91	2	1.7	1.7	0.1	23	0.0
	Assam	1511	105	25.6	19.9	2.1	202	1.0
	Manipur	134	1	2.4	2.0	0.3	11	0.0
	Meghalaya	261	0	4.3	2.6	0.2	14	0.0
	Mizoram	75	1	1.4	1.2	0.1	13	0.0
	Nagaland	104	1	2.1	1.9	0.0	0	0.0
Tripura	250	7	4.0	2.6	0.6	25	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.8	-7.9	-14.9
Day peak (MW)	579.4	-364.1	-651.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	190.9	-204.8	79.3	-75.9	7.0	-3.5
Actual(MU)	187.0	-217.5	77.5	-65.6	9.8	-8.8
O/D/U/D(MU)	-3.9	-12.7	-1.8	10.3	2.8	-5.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4422	12801	3980	1200	480	22882
State Sector	10000	14256	7052	5245	110	36663
Total	14422	27057	11032	6445	589	59545

\*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(ग्रि०प्र०)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 21-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	4.2	-4.2	
2		SASARAM-FATEHPUR	S/C	0	0	6.4	0.0	6.4	
3		GAYA-BALIA	S/C	0	428	0.0	6.3	-6.3	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	3.3	-3.3	
5		PUSAULI B/B	S/C	0	368	0.0	8.8	-8.8	
6	400 KV	PUSAULI-VARANASI	S/C	0	269	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	124	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	398	0.0	3.5	-3.5	
9		PATNA-BALIA	Q/C	0	828	0.0	12.7	-12.7	
10		BIHARSHARIFF-BALIA	D/C	0	75	0.0	0.6	-0.6	
11		BARH-GORAKHPUR	D/C	0	581	0.0	12.0	-12.0	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.5	0.0	0.5	
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	
						<b>ER-NR</b>	<b>7.5</b>	<b>55.8</b>	<b>-48.4</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	31	8.1	0.0	8.1	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	289	2.6	0.0	2.6	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	32	1.7	0.0	1.7	
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	52	1.7	0.0	1.7	
24		RANCHI-SIPAT	D/C	0	2	3.5	0.0	3.5	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	51	0.5	0.1	0.4	
26		BUDHIPADAR-KORBA	D/C	0	0	5.0	0.0	5.0	
						<b>ER-WR</b>	<b>27.9</b>	<b>0.1</b>	<b>27.9</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.1	-12.1	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	346.4	0.0	14.4	-14.4	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2029.4	0.0	41.5	-41.5	
30	400 KV	TALCHER-I/C	D/C	0.0	884.7	0.2	14.5	-14.3	
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>68.1</b>	<b>-68.1</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	711	0.0	5.9	-6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	586	0.0	5.8	-6	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.7	-2	
						<b>ER-NER</b>	<b>0.0</b>	<b>13.4</b>	<b>-13.4</b>
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	502	0.0	4.6	-4.6	
						<b>NER-NR</b>	<b>0.0</b>	<b>4.6</b>	<b>-4.6</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	27.4	-27.4	
37		V'CHAL B/B	D/C	0	400	0.0	2.6	-2.6	
38		APL -MHG	D/C	0	2517	0.0	50.8	-50.8	
39	765 KV	GWALIOR-AGRA	D/C	0	2152	0.0	41.6	-41.6	
40		PHAGI-GWALIOR	D/C	0	1538	0.0	23.1	-23.1	
41	400 KV	ZERDA-KANKROLI	S/C	377	0	7.6	0.0	7.6	
42		ZERDA -BHINMAL	S/C	383	192	6.7	0.0	6.7	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	242	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	38	46	0.2	0.4	-0.2	
46		BADOD-MORAK	S/C	8	94	0.0	1.1	-1.1	
47		MEHGAON-AURAIYA	S/C	40	0	0.7	0.0	0.7	
48		MALANPUR-AURAIYA	S/C	18	17	0.1	0.0	0.1	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>15.3</b>	<b>149.1</b>	<b>-133.8</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.0	-19.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	132	1690	132.0	17.8	114.2	
53		WARDHA-NIZAMABAD	D/C	0	916	0.0	14.4	-14.4	
54	400 KV	KOLHAPUR-KUDGI	D/C	246	511	0.2	3.7	-3.5	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	147	0.0	2.6	-2.6	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	92	0	1.7	0.0	1.7	
						<b>WR-SR</b>	<b>133.9</b>	<b>57.5</b>	<b>76.4</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>11.8</b>	
59		NEPAL						<b>-7.9</b>	
60		BANGLADESH						<b>-14.9</b>	