



**National Load Despatch Centre**

राष्ट्रीय भार प्रेषण केंद्र

**POWER SYSTEM OPERATION CORPORATION LIMITED**

पाँवर 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: 29<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., 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 28.05.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28-मई 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 28 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

29-May-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46610	40537	34116	16852	2452	140568
Peak Shortage (MW)	741	48	27	0	117	932
Energy Met (MU)	1055	1038	792	374	44	3303
Hydro Gen(MU)	312	22	15	63	14	426
Wind Gen(MU)	39	130	117	-----	-----	285
Solar Gen (MU)*	3.47	12.92	20.30	1.25	0.03	38
Energy Shortage (MU)	8.5	0.0	0.0	0.0	0.8	9.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51715	46105	34415	18682	2556	149515

**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	0.054	0.00	0.14	1.46	1.60	64.76	33.65

**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	7427	0	159.0	90.2	-0.6	241	0.0
	Haryana	7407	0	141.8	105.5	0.1	252	0.0
	Rajasthan	10227	0	216.5	64.6	1.3	449	0.0
	Delhi	5514	0	104.4	89.6	-1.5	265	0.1
	UP	17045	100	332.8	133.6	-3.1	455	0.0
	Uttarakhand	1569	0	35.4	15.1	-0.9	117	0.0
	HP	1151	0	24.4	-0.7	2.9	229	0.1
	J&K	1962	491	35.4	16.8	-4.5	230	8.3
	Chandigarh	286	0	5.4	6.1	-0.7	0	0.0
	Chhattisgarh	2825	0	59.7	4.9	-1.2	124	0.0
WR	Gujarat	14628	0	323.8	62.9	3.3	377	0.0
	MP	7274	0	161.4	78.5	-1.1	407	0.0
	Maharashtra	20463	0	450.8	134.0	1.6	463	0.0
	Goa	436	0	8.2	7.3	0.7	100	0.0
	DD	300	0	6.8	6.3	0.4	37	0.0
	DNH	748	0	17.1	17.6	-0.4	-3	0.0
	Essar steel	532	0	10.6	9.4	1.2	221	0.0
	Andhra Pradesh	6800	0	150.3	34.6	3.2	697	0.0
	Telangana	6551	0	132.6	59.1	-6.9	308	0.0
	Karnataka	7180	0	143.7	51.9	1.3	770	0.0
SR	Kerala	3203	0	64.6	52.5	1.4	239	0.0
	Tamil Nadu	13014	0	292.9	97.0	-2.5	631	0.0
	Pondy	333	0	7.4	7.8	-0.4	10	0.0
	Bihar	3760	0	67.0	63.3	0.1	530	0.0
	DVC	2750	0	63.4	-34.1	0.1	180	0.0
	Jharkhand	1116	0	21.7	17.3	-1.1	100	0.0
ER	Odisha	3916	0	79.3	24.9	2.7	410	0.0
	West Bengal	7577	0	141.1	34.9	3.1	490	0.0
	Sikkim	71	0	1.1	1.2	-0.1	20	0.0
	Arunachal Pradesh	103	1	2.1	1.8	0.3	34	0.0
	Assam	1535	99	27.4	20.1	2.9	181	0.6
NER	Manipur	142	1	2.2	1.9	0.4	22	0.0
	Meghalaya	248	0	4.4	2.9	-0.1	130	0.0
	Mizoram	75	0	1.2	1.2	-0.1	15	0.0
	Nagaland	114	1	2.2	2.0	0.1	5	0.0
	Tripura	250	2	4.3	3.1	0.1	19	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.2	-6.7	-15.0
Day peak (MW)	289.6	-309.1	-658.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	132.7	-145.8	69.3	-62.6	5.3	-1.1
Actual(MU)	124.1	-140.0	55.9	-53.1	8.6	-4.5
O/D/U/D(MU)	-8.6	5.9	-13.4	9.5	3.3	-3.4

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3232	16636	3560	1760	355	25543
State Sector	10275	16705	9472	4045	110	40607
Total	13507	33341	13032	5805	464	66150

\*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(ग्रिडप्रा०)/  
मुख्य कार्यपालक अधिकारी(पोसोका)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 29-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	41	0.0	1.3	-1.3
3	HVDC	GAYA-BALIA	S/C	0	348	0.0	4.3	-4.3
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5	400 KV	PUSAULI B/B	S/C	0	98	0.0	2.4	-2.4
6		PUSAULI-VARANASI	S/C	0	124	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	4	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	412	0.0	3.2	-3.2
9		PATNA-BALIA	Q/C	0	618	0.0	9.2	-9.2
10		BIHARSHARIFF-BALIA	D/C	0	142	0.0	1.7	-1.7
11		BARH-GORAKHPUR	D/C	0	513	0.0	7.9	-7.9
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.8	0.0	0.8
13		PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0
14		132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0
15	GARWAH-RIHAND		S/C	0	0	0.7	0.0	0.7
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>33.4</b>	<b>-31.9</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	212	3.3	0.0	3.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	306	0.2	0.0	0.2
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	45	0.4	0.0	0.4
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.1	0.0	1.1
22		IBEUL-RAIGARH	S/C	0	0	1.1	0.0	1.1
23		STERLITE-RAIGARH	D/C	0	56	0.7	0.0	0.7
24	220 KV	RANCHI-SIPAT	D/C	0	0	3.4	0.0	3.4
25		BUDHIPADAR-RAIGARH	S/C	0	108	0.0	1.2	-1.2
26		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3
<b>ER-WR</b>						<b>13.6</b>	<b>1.2</b>	<b>12.4</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.7	-12.7
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	298.7	0.0	11.9	-11.9
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1238.4	0.0	23.0	-23.0
30	400 KV	TALCHER-1C	D/C	0.0	953.7	0.1	17.0	-16.8
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>47.6</b>	<b>-47.6</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	949	0.0	7.1	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	768	0.0	7.1	-7
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2
<b>ER-NER</b>						<b>0.0</b>	<b>16.0</b>	<b>-16.0</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	502	0.0	8.4	-8.4
<b>NER-NR</b>						<b>0.0</b>	<b>8.4</b>	<b>-8.4</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	25.6	-25.6
37		V'CHAL B/B	D/C	500	100	9.0	0.5	8.6
38		APL -MHG	D/C	0	2014	0.0	33.8	-33.8
39	765 KV	GWALIOR-AGRA	D/C	0	1972	0.0	30.1	-30.1
40		PHAGI-GWALIOR	D/C	0	850	0.0	13.4	-13.4
41	400 KV	ZERDA-KANKROLI	S/C	296	0	5.0	0.0	5.0
42		ZERDA -BHINMAL	S/C	251	20	3.9	0.0	3.9
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	33	157	0	1	-1
45	220 KV	BADOD-KOTA	S/C	53	17	0.2	0.1	0.1
46		BADOD-MORAK	S/C	3	82	0.0	1.3	-1.3
47		MEHGAON-AURAIYA	S/C	73	0	1.4	0.0	1.4
48	132KV	MALANPUR-AURAIYA	S/C	51	0	0.7	0.0	0.7
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>20.2</b>	<b>105.6</b>	<b>-85.3</b>
<b>Import/Export of WR (With SR)</b>								
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	1474	0.0	17.7	-17.7
53		WARDHA-NIZAMABAD	D/C	0	913	0.0	16.2	-16.2
54	400 KV	KOLHAPUR-KUDGI	D/C	657	0	0.0	1.3	-1.3
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	186	0.0	2.7	-2.7
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	98	0	2.0	0.0	2.0
<b>WR-SR</b>						<b>2.0</b>	<b>45.1</b>	<b>-43.1</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						8.2
59		NEPAL						-6.7
60		BANGLADESH						-15.0