



**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: 11<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 10.05.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10 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 10<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

11-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46923	46422	36112	19022	2358	150837
Peak Shortage (MW)	642	35	0	0	110	787
Energy Met (MU)	1081	1111	839	375	38	3444
Hydro Gen(MU)	284	25	50	52	11	422
Wind Gen(MU)	16	62	26	-----	-----	105
Solar Gen (MU)*	3.79	12.82	25.10	1.31	0.03	43
Energy Shortage (MU)	13.6	0.0	0.0	0.0	1.6	15.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49857	48585	38036	19745	2412	152929

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	0.033	0.00	0.00	5.20	5.20	75.89	18.91

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	7538	0	165.4	94.4	0.0	242	0.0
	Haryana	7412	0	150.1	102.0	-2.7	212	0.0
	Rajasthan	9081	0	200.9	68.6	2.1	380	0.0
	Delhi	5620	7	112.7	92.5	0.6	291	0.1
	UP	16889	760	346.2	136.5	1.9	357	3.8
	Uttarakhand	1906	0	41.1	19.5	-1.1	149	0.0
	HP	1272	0	26.0	4.6	2.6	217	0.0
	J&K	2035	509	32.9	16.8	1.5	95	9.7
	Chandigarh	293	0	5.8	6.2	-0.4	63	0.0
WR	Chhattisgarh	3629	0	77.9	17.6	-1.5	161	0.0
	Gujarat	14930	0	334.7	108.7	0.2	477	0.0
	MP	8171	0	176.7	88.5	-1.6	797	0.0
	Maharashtra	21792	0	477.9	141.7	-3.4	895	0.0
	Goa	481	0	10.4	8.8	1.2	113	0.0
	DD	327	0	7.3	6.7	0.6	74	0.0
	DNH	750	0	17.2	17.7	-0.5	-1	0.0
	Essar steel	441	0	8.8	9.1	-0.4	202	0.0
SR	Andhra Pradesh	6812	0	153.4	45.6	5.9	538	0.0
	Telangana	6378	0	122.5	48.9	-5.3	276	0.0
	Karnataka	8695	0	182.9	69.8	2.3	771	0.0
	Kerala	3278	0	70.5	54.8	1.7	538	0.0
	Tamil Nadu	13793	0	303.2	151.3	2.1	276	0.0
	Pondy	326	0	6.1	6.5	-0.4	771	0.0
ER	Bihar	3966	0	65.8	64.5	-0.5	233	0.0
	DVC	2856	0	65.5	-34.2	-1.1	120	0.0
	Jharkhand	981	0	23.2	17.0	0.1	360	0.0
	Odisha	4296	0	76.4	21.3	1.2	380	0.0
	West Bengal	8234	0	143.3	30.8	2.1	260	0.0
	Sikkim	74	0	1.1	0.8	0.3	30	0.0
NER	Arunachal Pradesh	88	7	1.9	1.6	0.2	0	0.1
	Assam	1460	73	22.1	16.6	2.2	151	1.4
	Manipur	151	1	2.4	2.2	0.2	4	0.1
	Meghalaya	263	0	4.0	3.0	-0.3	23	0.0
	Mizoram	77	1	1.3	1.2	0.1	11	0.0
	Nagaland	107	4	1.8	1.9	-0.3	3	0.0
	Tripura	232	4	4.1	2.9	-0.4	3	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.7	-7.8	-14.3
Day peak (MW)	343.5	-342.7	-643.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	167.8	-180.9	86.4	-74.8	3.9	2.5
Actual(MU)	156.4	-186.0	85.5	-74.2	4.8	-13.4
O/D/U/D(MU)	-11.4	-5.1	-0.9	0.6	0.9	-15.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3403	10225	3680	1700	405	19412
State Sector	7845	14805	7252	5160	110	35172
Total	11248	25030	10932	6860	514	54584

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिपत्रण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(पि०प्र०)/  
मुख्य कार्यपालक अधिकारी(सोर्सिंग)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 11-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	212	0.0	6.2	-6.2
2		SASARAM-FATEHPUR	S/C	0	14	1.6	0.0	1.6
3		GAYA-BALIA	S/C	0	316	0.0	6.2	-6.2
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5	HVDC	PUSAULI B/B	S/C	0	148	0.0	3.5	-3.5
6		PUSAULI-VARANASI	S/C	0	147	0.0	0.0	0.0
7	400 KV	PUSAULI -ALLAHABAD	S/C	0	29	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	326	0.0	1.9	-1.9
9		PATNA-BALIA	Q/C	0	762	0.0	16.8	-16.8
10		BIHARSHARIFF-BALIA	D/C	0	154	0.0	1.7	-1.7
11		BARH-GORAKHPUR	D/C	0	522	0.0	8.5	-8.5
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.7	0.0	0.7
13	220 KV	PUSAULI-SAHUPURI	S/C	0	218	0.0	3.0	-3.0
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>2.9</b>	<b>47.8</b>	<b>-44.9</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	113	6.0	0.0	6.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	337	0.0	2.5	-2.5
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	10	1.2	0.0	1.2
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0
22		IBEUL-RAIGARH	S/C	0	0	2.1	0.0	2.1
23		STERLITE-RAIGARH	D/C	0	61	0.9	0.0	0.9
24	220 KV	RANCHI-SIPAT	D/C	0	81	1.4	0.0	1.4
25		BUDHIPADAR-RAIGARH	S/C	0	96	0.0	0.9	-0.9
26		BUDHIPADAR-KORBA	D/C	0	0	4.7	0.0	4.7
<b>ER-WR</b>						<b>18.2</b>	<b>3.4</b>	<b>14.8</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 LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	323.2	0.0	14.8	-14.8
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2508.1	0.0	42.6	-42.6
30	400 KV	TALCHER-I/C	D/C	0.0	1016.2	0.1	9.3	-9.2
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>67.2</b>	<b>-67.2</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1030	0.0	0.0	0
33		ALIPURDUAR-BONGAIGAON	D/C	0	839	0.0	7.1	-7
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.7	-2
<b>ER-NER</b>						<b>0.0</b>	<b>8.8</b>	<b>-8.8</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	497	500	1.8	6.7	-4.9
<b>NER-NR</b>						<b>1.8</b>	<b>6.7</b>	<b>-4.9</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	30.8	-30.8
37		V'CHAL B/B	D/C	400	0	4.9	0.0	4.9
38		APL -MHG	D/C	0	2016	0.0	45.0	-45.0
39	765 KV	GWALIOR-AGRA	D/C	0	2334	0.0	36.2	-36.2
40		PHAGI-GWALIOR	D/C	0	1294	0.0	22.7	-22.7
41	400 KV	ZERDA-KANKROLI	S/C	451	0	8.4	0.0	8.4
42		ZERDA -BHINMAL	S/C	366	136	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	168	0	1	-1
45	220 KV	BADOD-KOTA	S/C	84	0	1.0	0.0	1.0
46		BADOD-MORAK	S/C	41	40	0.2	0.3	0.0
47		MEHGAON-AURAIYA	S/C	77	0	1.3	0.0	1.3
48	132KV	MALANPUR-AURAIYA	S/C	44	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>23.0</b>	<b>136.4</b>	<b>-113.4</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.4	-18.4
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1906	0.0	28.6	-28.6
53		WARDHA-NIZAMABAD	D/C	0	-654	0.0	-10.0	10.0
54	400 KV	KOLHAPUR-KUDGI	D/C	242	295	0.8	1.4	-0.6
55		KOLHAPUR-CHIKODI	D/C	0	235	0.0	3.7	-3.7
56	220 KV	PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	90	0	1.9	0.0	1.9
<b>WR-SR</b>						<b>2.7</b>	<b>42.1</b>	<b>-39.4</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						6.7
59		NEPAL						-7.8
60		BANGLADESH						-14.3