



**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> Oct 2017

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. कार्यकारी निदेशक, ऊ.क्षे.भा.प्रे.के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093  
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006  
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 10.10.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10-अक्टूबर-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 10<sup>th</sup> October 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-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	49562	45306	37670	19656	2703	154897
Peak Shortage (MW)	2570	96	0	0	98	2763
Energy Met (MU)	1098	1059	793	374	50	3374
Hydro Gen(MU)	193	20	116	92	23	443
Wind Gen(MU)	6	25	34	-----	-----	65
Solar Gen (MU)*	3.83	11.60	28.40	0.60	0.03	44
Energy Shortage (MU)	21.8	0.0	0.0	0.0	1.0	22.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50293	45595	37934	19905	2872	155559

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	0.048	0.00	0.34	13.32	13.66	77.77	8.58

C. Power Supply Position in States

Region/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	7619	0	166.7	54.7	-1.5	142	0.0
	Haryana	7478	19	153.9	84.7	2.2	269	0.0
	Rajasthan	9352	573	202.8	72.8	6.2	557	8.9
	Delhi	4521	0	96.4	69.8	-1.7	189	0.0
	UP	16373	0	370.9	184.7	1.8	425	3.3
	Uttarakhand	1872	0	37.0	13.4	0.0	146	0.0
	HP	1305	0	24.9	10.2	1.1	140	0.0
	J&K	1997	499	40.9	30.8	-2.1	99	9.7
WR	Chandigarh	230	0	4.7	4.9	-0.2	29	0.0
	Chhattisgarh	3552	0	79.7	19.7	-2.1	139	0.0
	Gujarat	16889	0	364.1	125.5	1.8	589	0.0
	MP	8253	0	185.1	122.5	-2.9	337	0.0
	Maharashtra	17959	0	390.5	136.0	-1.6	457	0.0
	Goa	515	0	10.4	9.4	0.6	69	0.0
	DD	344	0	7.6	6.8	0.8	61	0.0
	DNH	756	0	17.0	16.1	0.9	130	0.0
SR	Essar steel	258	0	4.7	4.6	0.1	130	0.0
	Andhra Pradesh	6980	0	143.0	26.8	2.5	357	0.0
	Telangana	6912	0	144.1	29.2	-1.9	328	0.0
	Karnataka	7382	0	141.5	43.1	0.9	313	0.0
	Kerala	3620	0	69.1	43.8	1.1	204	0.0
	Tamil Nadu	13715	0	287.5	143.4	2.5	468	0.0
	Pondy	351	0	7.3	7.4	-0.1	28	0.0
	ER	Bihar	4508	0	83.5	77.8	-1.5	470
DVC		2806	0	57.5	-15.0	-1.2	300	0.0
Jharkhand		1077	0	20.5	16.5	-1.3	90	0.0
Odisha		4326	0	89.9	41.9	3.1	380	0.0
West Bengal		7550	0	121.8	26.1	1.7	250	0.0
NER	Sikkim	98	0	1.2	1.1	0.1	20	0.0
	Arunachal Pradesh	103	5	2.4	2.4	0.0	7	0.1
	Assam	1745	65	30.5	24.2	0.9	141	0.8
	Manipur	156	5	2.1	2.3	-0.2	20	0.1
	Meghalaya	263	0	6.1	-1.3	1.9	126	0.0
	Mizoram	75	4	1.3	1.2	0.0	15	0.1
	Nagaland	103	6	2.6	1.7	0.3	23	0.0
Tripura	271	1	4.6	3.7	0.2	90	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	23.6	-5.4	-15.3
Day peak (MW)	1262.2	-330.8	-674.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	209.9	-130.4	-5.5	-64.8	-0.6	8.5
Actual(MU)	196.8	-139.3	-3.0	-58.4	0.7	-3.1
O/D/U/D(MU)	-13.1	-8.8	2.5	6.5	1.3	-11.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2144	15299	3810	1220	90	22563
State Sector	9590	16326	9692	6595	50	42253
Total	11734	31625	13502	7815	139	64816

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	614	1090	531	370	5	2610
Hydro	193	20	116	92	23	444
Nuclear	33	15	41	0	0	89
Gas, Naptha & Diesel	63	69	17	0	25	174
RES (Wind, Solar, Biomass & Others)	14	37	101	1	0	153
Total	917	1231	805	463	53	3470

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

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : <b>11-Oct-17</b>
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
								Import=(+ve) /Export =(-ve) for NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765KV	GAYA-VARANASI	D/C	0	293	0.0	7.7	-7.7
2		SASARAM-FATEHPUR	S/C	0	52	2.1	0.0	2.1
3		GAYA-BALIA	S/C	0	377	0.0	6.0	-6.0
4	HVDC	ALIPURDUAR-AGRA	-	0	192	0.0	7.5	-7.5
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	226	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	103	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	850	0.0	15.3	-15.3
9		PATNA-BALIA	Q/C	0	1198	0.0	20.7	-20.7
10		BIHARSHARIFF-BALIA	D/C	0	289	0.0	5.2	-5.2
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.8	-1.8
13	220 KV	PUSAULI-SAHUPURI	S/C	0	220	0.0	4.3	-4.3
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>6.5</b>	<b>74.5</b>	<b>-68.0</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	5.0	0.0	5.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	34	5.4	0.0	5.4
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	49	0.7	0.0	0.7
21		JHARSUGUDA-RAIGARH	S/C	0	35	0.4	0.0	0.4
22		IBEUL-RAIGARH	S/C	0	0	0.4	0.0	0.4
23		STERLITE-RAIGARH	D/C	0	0	1.1	0.0	1.1
24		RANCHI-SIPAT	D/C	0	0	5.6	0.0	5.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	69	0.0	0.5	-0.5
26		BUDHIPADAR-KORBA	D/C	0	0	2.1	0.0	2.1
<b>ER-WR</b>						<b>20.6</b>	<b>0.5</b>	<b>20.1</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	9.2	-9.2
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	149.3	0.0	7.5	-7.5
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	837.2	0.0	15.5	-15.5
30	400 KV	TALCHER-I/C	D/C	0.0	996.0	0.0	11.8	-11.8
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>32.2</b>	<b>-32.2</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1432	0.0	6.4	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	1148	0.0	1.6	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2
<b>ER-NER</b>						<b>0.0</b>	<b>9.7</b>	<b>-9.7</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	10.9	-10.9
<b>NER-NR</b>						<b>0.0</b>	<b>10.9</b>	<b>-10.9</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2000	0.0	38.8	-38.8
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1814	0.0	39.6	-39.6
39	765 KV	GWALIOR-AGRA	D/C	0	2450	0.0	48.9	-48.9
40		PHAGI-GWALIOR	D/C	0	1166	0.0	22.6	-22.6
41	400 KV	ZERDA-KANKROLI	S/C	377	0	6.6	0.0	6.6
42		ZERDA -BHINMAL	S/C	366	0	4.9	0.0	4.9
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	343	0	2	-2
45	220 KV	BADOD-KOTA	S/C	59	0	0.9	0.0	0.9
46		BADOD-MORAK	S/C	39	32	0.4	0.1	0.3
47		MEHGAON-AURAIYA	S/C	214	0	3.7	0.0	3.7
48		MALANPUR-AURAIYA	S/C	87	0	1.2	0.0	1.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>29.9</b>	<b>152.4</b>	<b>-122.5</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	4.2	-4.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	793	464	0.0	3.9	-3.9
53		WARDHA-NIZAMABAD	D/C	0	739	0.0	3.1	-3.1
54	400 KV	KOLHAPUR-KUDGI	D/C	701	0	12.1	0.0	12.1
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	73	0	2.0	0.0	2.0
<b>WR-SR</b>						<b>14.1</b>	<b>11.2</b>	<b>2.8</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>23.6</b>
59		NEPAL						<b>-5.4</b>
60		BANGLADESH						<b>-15.3</b>