



**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: 28<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 27.10.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27-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 27<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

28-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	42371	45374	38116	19496	2460	147816
Peak Shortage (MW)	1211	79	30	0	60	1380
Energy Met (MU)	906	1077	856	370	43	3252
Hydro Gen(MU)	138	22	79	59	21	319
Wind Gen(MU)	5	7	20	-----	-----	32
Solar Gen (MU)*	3.43	15.26	31.40	0.66	0.03	51
Energy Shortage (MU)	14.9	0.0	0.0	0.0	0.9	15.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43882	48021	38626	19617	2448	150055

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	0.093	0.03	2.66	28.74	31.44	66.23	2.34

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	5371	0	106.9	42.8	1.0	180	0.0
	Haryana	6538	0	125.3	82.3	0.8	196	0.0
	Rajasthan	9576	242	200.6	64.3	-0.8	205	1.3
	Delhi	3721	0	72.6	60.7	-1.4	111	0.0
	UP	12992	0	298.1	123.8	-0.1	415	4.0
	Uttarakhand	1711	0	33.8	13.2	0.8	220	0.3
	HP	1282	0	25.2	15.2	0.6	106	0.0
	J&K	1845	461	40.1	32.4	0.6	192	9.3
WR	Chandigarh	185	0	3.4	3.9	-0.4	7	0.0
	Chhattisgarh	3540	0	79.7	28.3	-1.3	146	0.0
	Gujarat	14455	0	310.8	83.1	1.2	364	0.0
	MP	9984	0	224.4	158.2	2.8	948	0.0
	Maharashtra	19721	0	419.4	118.3	0.9	347	0.0
	Goa	470	0	9.0	9.3	-0.3	111	0.0
	DD	323	0	7.3	5.8	1.4	87	0.0
	DNH	751	0	17.0	15.9	1.1	79	0.0
SR	Essar steel	471	0	9.4	9.3	0.1	155	0.0
	Andhra Pradesh	7487	0	162.6	60.8	0.1	330	0.0
	Telangana	7433	0	161.5	49.3	-0.7	274	0.0
	Karnataka	8089	0	170.7	59.9	2.5	379	0.0
	Kerala	3234	0	64.4	46.1	1.0	204	0.0
	Tamil Nadu	13024	0	290.0	164.4	-0.3	578	0.0
ER	Pondy	342	0	6.9	7.3	-0.4	26	0.0
	Bihar	4043	0	70.9	64.3	-1.7	500	0.0
	DVC	2986	0	59.8	-16.8	4.2	410	0.0
	Jharkhand	1113	0	23.6	16.4	-0.1	60	0.0
	Odisha	4450	0	87.3	43.1	3.2	490	0.0
	West Bengal	7264	0	127.4	37.3	-0.4	388	0.0
NER	Sikkim	96	0	1.2	0.9	0.3	40	0.0
	Arunachal Pradesh	112	3	2.2	2.1	0.0	7	0.0
	Assam	1521	41	24.8	19.1	0.4	139	0.7
	Manipur	158	2	2.2	2.3	-0.1	19	0.0
	Meghalaya	284	0	5.7	-0.1	1.0	59	0.0
	Mizoram	84	1	1.2	1.0	0.1	15	0.0
	Nagaland	117	1	2.0	1.6	-0.2	19	0.0
Tripura	230	4	4.6	2.6	0.4	75	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	14.0	-2.5	-13.8
Day peak (MW)	605.8	-257.0	-617.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	168.0	-148.2	33.2	-51.0	-3.7	-1.7
Actual(MU)	165.8	-153.3	32.4	-52.7	-3.6	-11.4
O/D/U/D(MU)	-2.2	-5.2	-0.8	-1.7	0.1	-9.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3362	14954	3560	1745	218	23839
State Sector	11720	15317	9532	6505	50	43124
Total	15082	30271	13092	8250	268	66963

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	546	1123	590	375	5	2640
Hydro	138	23	79	59	20	319
Nuclear	33	16	48	0	0	97
Gas, Naptha & Diesel	34	68	23	0	23	148
RES (Wind, Solar, Biomass & Others)	12	22	91	1	0	125
Total	763	1253	831	434	49	3330

\*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(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>28-Oct-17</b>
SI 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	252	0.0	4.5	-4.5
2		SASARAM-FATEHPUR	S/C	0	99	2.5	0.0	2.5
3		GAYA-BALIA	S/C	0	254	0.0	3.7	-3.7
4	HVDC	ALIPURDUAR-AGRA	-	0	286	0.0	12.3	-12.3
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	222	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	731	0.0	8.8	-8.8
9		PATNA-BALIA	Q/C	0	937	0.0	15.1	-15.1
10		BIHARSHARIFF-BALIA	D/C	0	189	0.0	1.0	-1.0
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.1	0.0	4.1
12		BIHARSHARIFF-VARANASI	D/C	0	116	1.0	0.0	1.0
13	220 KV	PUSAULI-SAHUPURI	S/C	0	136	0.0	2.7	-2.7
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
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>8.1</b>	<b>53.8</b>	<b>-45.8</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.7	0.0	9.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	92	7.0	0.0	7.0
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	5	0.0	2.3	-2.3
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.8	0.0	1.8
22		IBEUL-RAIGARH	S/C	0	0	1.9	0.0	1.9
23		STERLITE-RAIGARH	D/C	0	0	5.2	0.0	5.2
24		RANCHI-SIPAT	D/C	0	0	8.5	0.0	8.5
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	90	0.0	0.1	-0.1
26		BUDHIPADAR-KORBA	D/C	0	0	2.0	0.0	2.0
<b>ER-WR</b>						<b>36.1</b>	<b>2.4</b>	<b>33.7</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.9	-13.9
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	265.2	0.0	12.2	-12.2
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1820.6	0.0	38.5	-38.5
30	400 KV	TALCHER-I/C	D/C	0.0	1020.9	0.0	12.0	-12.0
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>64.6</b>	<b>-64.6</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1412	0.0	7.2	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	1161	0.0	2.1	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.4	-1
<b>ER-NER</b>						<b>0.0</b>	<b>10.7</b>	<b>-10.7</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	702	0.0	15.5	-15.5
<b>NER-NR</b>						<b>0.0</b>	<b>15.5</b>	<b>-15.5</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	22.0	-22.0
37		V'CHAL B/B	D/C	500	0	8.8	0.0	8.8
38		APL -MHG	D/C	0	1512	0.0	30.2	-30.2
39	765 KV	GWALIOR-AGRA	D/C	0	2610	0.0	48.6	-48.6
40		PHAGI-GWALIOR	D/C	0	1042	0.0	15.7	-15.7
41	400 KV	ZERDA-KANKROLI	S/C	240	7	2.9	0.0	2.9
42		ZERDA -BHINMAL	S/C	211	182	1.3	0.0	1.3
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	340	0	2	-2
45	220 KV	BADOD-KOTA	S/C	99	0	1.8	0.0	1.8
46		BADOD-MORAK	S/C	61	11	0.1	0.0	0.0
47		MEHGAON-AURAIYA	S/C	69	0	0.9	0.0	0.9
48		MALANPUR-AURAIYA	S/C	29	7	0.2	0.0	0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>16.0</b>	<b>118.8</b>	<b>-102.8</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	300	0.0	5.9	-5.9
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	705	928	1.1	0.0	1.1
53		WARDHA-NIZAMABAD	D/C	0	1698	0.0	19.6	-19.6
54	400 KV	KOLHAPUR-KUDGI	D/C	796	0	10.4	0.0	10.4
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>13.5</b>	<b>25.5</b>	<b>-12.0</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>14.0</b>
59		NEPAL						<b>-2.5</b>
60		BANGLADESH						<b>-13.8</b>