



**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: 30<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 29.10.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 29-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 29<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

30-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40767	44345	35620	18260	2346	141337
Peak Shortage (MW)	1051	0	0	130	64	1245
Energy Met (MU)	865	1055	814	353	40	3127
Hydro Gen(MU)	131	18	57	51	20	278
Wind Gen(MU)	2	12	24	-----	-----	38
Solar Gen (MU)*	3.20	14.82	34.30	0.65	0.01	53
Energy Shortage (MU)	13.2	0.4	0.0	0.4	0.7	14.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42327	46780	37417	18318	2354	143262

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	0.064	0.00	0.73	21.30	22.03	69.68	8.30

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	4961	0	104.2	46.3	-0.8	126	0.0
	Haryana	5835	0	114.8	85.6	0.5	222	0.0
	Rajasthan	9398	213	195.2	62.0	3.0	358	2.1
	Delhi	3279	0	65.6	52.6	-1.2	52	0.0
	UP	13652	50	286.2	114.7	1.4	430	1.7
	Uttarakhand	1582	0	32.2	12.7	-0.1	81	0.0
	HP	1316	0	24.0	14.8	0.5	122	0.0
	J&K	1911	478	40.0	32.9	1.1	150	9.4
WR	Chandigarh	155	0	2.9	3.8	-0.9	0	0.0
	Chhattisgarh	3355	30	73.3	17.9	-2.4	408	0.1
	Gujarat	14294	0	305.3	79.0	-0.6	377	0.0
	MP	10526	0	224.3	161.8	0.5	559	0.3
	Maharashtra	19009	0	409.3	129.5	-0.2	348	0.0
	Goa	466	0	10.0	8.5	1.5	57	0.0
	DD	302	0	6.8	5.9	0.9	58	0.0
	DNH	744	0	16.9	15.8	1.0	102	0.0
SR	Essar steel	473	0	9.3	9.5	-0.2	163	0.0
	Andhra Pradesh	7468	0	161.4	59.9	0.3	408	0.0
	Telangana	6778	0	150.5	47.0	-4.0	318	0.0
	Karnataka	7475	0	164.2	74.2	3.2	450	0.0
	Kerala	3199	0	61.0	46.4	0.7	153	0.0
	Tamil Nadu	12106	0	270.6	153.9	2.1	431	0.0
	Pondy	295	0	6.3	6.8	-0.5	26	0.0
	ER	Bihar	3965	0	70.8	63.4	0.4	200
DVC		3059	0	63.3	-21.6	2.3	220	0.4
Jharkhand		1104	0	22.3	15.9	0.1	55	0.0
Odisha		4055	0	80.3	40.5	3.6	250	0.0
West Bengal		6591	0	115.5	27.8	0.8	250	0.0
Sikkim		90	0	1.1	1.2	0.0	15	0.0
NER	Arunachal Pradesh	136	4	2.2	2.1	0.1	7	0.0
	Assam	1458	36	23.8	17.8	0.5	139	0.5
	Manipur	156	6	2.2	2.5	-0.3	19	0.0
	Meghalaya	292	0	5.3	1.5	-0.3	59	0.0
	Mizoram	78	0	1.4	1.2	0.0	15	0.0
	Nagaland	109	0	1.8	1.6	-0.3	19	0.0
	Tripura	248	2	3.2	2.3	-0.6	75	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	13.8	-3.1	-13.6
Day peak (MW)	576.5	-263.0	-611.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	163.0	-158.2	41.6	-46.7	-2.1	-2.4
Actual(MU)	170.7	-166.0	33.5	-37.9	-5.0	-4.7
O/D/U/D(MU)	7.7	-7.7	-8.1	8.8	-2.9	-2.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3772	14973	2760	2445	143	24093
State Sector	12470	15160	11322	6085	50	45087
Total	16242	30133	14082	8530	193	69180

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	511	1133	559	358	4	2565
Hydro	131	19	57	51	20	278
Nuclear	33	16	50	0	0	99
Gas, Naptha & Diesel	37	59	23	0	24	144
RES (Wind, Solar, Biomass & Others)	9	27	98	1	0	135
Total	721	1254	788	410	48	3221

\*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>30-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	163	0.0	3.6	-3.6
2		SASARAM-FATEHPUR	S/C	0	0	3.2	0.0	3.2
3		GAYA-BALIA	S/C	0	191	0.0	2.2	-2.2
4	HVDC	ALIPURDUAR-AGRA	-	0	287	0.0	11.9	-11.9
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	219	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	87	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	472	0.0	7.0	-7.0
9		PATNA-BALIA	Q/C	0	875	0.0	16.1	-16.1
10		BIHARSHARIFF-BALIA	D/C	0	108	0.0	0.1	-0.1
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.5	0.0	4.5
12		BIHARSHARIFF-VARANASI	D/C	0	136	2.1	0.0	2.1
13	220 KV	PUSAULI-SAHUPURI	S/C	0	126	0.0	2.6	-2.6
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>10.4</b>	<b>49.5</b>	<b>-39.2</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	73	4.5	0.0	4.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	284	3.3	0.0	3.3
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	74	0.0	1.0	-1.0
21		JHARSUGUDA-RAIGARH	S/C	0	32	1.3	0.0	1.3
22		IBEUL-RAIGARH	S/C	0	0	1.2	0.0	1.2
23		STERLITE-RAIGARH	D/C	0	3	2.5	0.0	2.5
24		RANCHI-SIPAT	D/C	0	4	6.4	0.0	6.4
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	102	0.0	0.5	-0.5
26		BUDHIPADAR-KORBA	D/C	0	0	1.8	0.0	1.8
<b>ER-WR</b>						<b>21.1</b>	<b>1.5</b>	<b>19.6</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.1	-18.1
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	323.9	0.0	14.8	-14.8
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1225.9	0.0	18.9	-18.9
30	400 KV	TALCHER-I/C	D/C	0.0	1028.9	0.0	12.5	-12.5
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>51.8</b>	<b>-51.8</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1446	0.0	7.4	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	1188	0.0	2.5	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.4	-1
<b>ER-NER</b>						<b>0.0</b>	<b>11.3</b>	<b>-11.3</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	17.3	-17.3
<b>NER-NR</b>						<b>0.0</b>	<b>17.3</b>	<b>-17.3</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2750	0.0	34.0	-34.0
37		V'CHAL B/B	D/C	500	0	8.4	0.0	8.4
38		APL -MHG	D/C	0	2082	0.0	38.6	-38.6
39	765 KV	GWALIOR-AGRA	D/C	0	2370	0.0	45.2	-45.2
40		PHAGI-GWALIOR	D/C	0	946	0.0	11.3	-11.3
41	400 KV	ZERDA-KANKROLI	S/C	228	36	2.3	0.0	2.3
42		ZERDA -BHINMAL	S/C	159	186	0.1	0.0	0.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	239	0	2	-2
45		BADOD-KOTA	S/C	133	0	2.1	0.0	2.1
46	220 KV	BADOD-MORAK	S/C	72	17	0.8	0.0	0.8
47		MEHGAON-AURAIYA	S/C	63	0	1.1	0.0	1.1
48		MALANPUR-AURAIYA	S/C	24	2	0.3	0.0	0.3
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>15.1</b>	<b>130.7</b>	<b>-115.5</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	300	0.0	2.7	-2.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1079	0.0	13.2	-13.2
53		WARDHA-NIZAMABAD	D/C	0	1498	0.0	23.8	-23.8
54	400 KV	KOLHAPUR-KUDGI	D/C	746	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>12.4</b>	<b>39.7</b>	<b>-27.4</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>13.8</b>
59		NEPAL						<b>-3.1</b>
60		BANGLADESH						<b>-13.6</b>