



**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: 15<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 14.10.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 14-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 14<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

15-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46311	46624	36513	20862	2656	152967
Peak Shortage (MW)	1226	286	0	0	124	1636
Energy Met (MU)	1041	1061	770	418	47	3338
Hydro Gen(MU)	169	20	98	95	22	405
Wind Gen(MU)	10	10	55	-----	-----	75
Solar Gen (MU)*	3.85	15.03	26.80	0.42	0.03	46
Energy Shortage (MU)	10.9	0.8	0.0	0.0	1.4	13.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47325	46590	36856	20980	2726	153749

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	0.039	0.00	0.41	9.66	10.07	82.53	7.40

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	6457	0	146.1	51.5	-0.4	144	0.0
	Haryana	7102	0	148.2	86.9	2.3	319	0.0
	Rajasthan	10069	0	203.7	71.8	1.7	347	0.1
	Delhi	4088	0	87.4	67.1	-2.0	74	0.1
	UP	15781	210	350.5	168.6	0.0	341	1.2
	Uttarakhand	1879	0	35.5	12.5	0.4	171	0.0
	HP	1311	0	25.4	11.8	1.6	162	0.0
	J&K	1926	481	40.3	33.9	-1.2	217	9.5
WR	Chandigarh	214	0	4.1	4.7	-0.5	2	0.0
	Chhattisgarh	3681	83	83.7	22.8	1.4	259	0.8
	Gujarat	16007	0	348.1	123.6	3.5	477	0.0
	MP	9322	0	201.5	130.8	2.4	556	0.0
	Maharashtra	17885	0	385.8	130.0	-2.6	471	0.0
	Goa	454	0	9.9	9.6	0.3	35	0.0
	DD	338	0	7.6	6.6	1.1	101	0.0
	DNH	764	0	16.5	15.9	0.6	99	0.0
SR	Essar steel	488	0	8.1	7.5	0.5	195	0.0
	Andhra Pradesh	6889	0	145.5	28.2	2.0	641	0.0
	Telangana	6689	0	146.7	32.3	-1.3	740	0.0
	Karnataka	6849	0	133.4	28.2	3.1	520	0.0
	Kerala	3130	0	62.9	45.3	1.0	296	0.0
	Tamil Nadu	12981	0	274.3	128.0	-1.5	1075	0.0
	Pondy	338	0	7.1	7.2	-0.1	26	0.0
	ER	Bihar	4553	0	82.7	75.9	-0.1	402
DVC		2815	0	66.4	-11.5	3.4	435	0.0
Jharkhand		1234	0	23.2	16.3	1.1	165	0.0
Odisha		4506	0	89.3	36.6	5.0	385	0.0
West Bengal		8253	0	155.1	49.2	2.7	398	0.0
Sikkim		97	0	1.5	1.4	0.1	20	0.0
NER	Arunachal Pradesh	123	1	2.3	2.5	-0.3	7	0.1
	Assam	1660	100	29.3	22.9	0.9	141	1.2
	Manipur	168	2	2.1	2.4	-0.3	20	0.0
	Meghalaya	258	0	5.0	0.3	-0.2	126	0.0
	Mizoram	85	2	1.3	1.3	0.0	15	0.0
	Nagaland	111	1	2.5	1.7	0.3	23	0.0
	Tripura	269	0	4.5	4.2	1.0	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	24.6	-4.5	-13.2
Day peak (MW)	1065.8	-288.4	-652.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	202.9	-153.3	-14.2	-35.2	0.3	0.5
Actual(MU)	193.0	-152.2	-7.3	-31.1	-0.4	2.1
O/D/U/D(MU)	-9.9	1.1	6.9	4.2	-0.7	1.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2886	13834	5610	1430	55	23815
State Sector	12045	15532	9422	7305	50	44354
Total	14931	29366	15032	8735	104	68169

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	586	1127	518	366	5	2602
Hydro	169	20	98	95	22	405
Nuclear	32	16	42	0	0	90
Gas, Naptha & Diesel	57	63	17	0	24	162
RES (Wind, Solar, Biomass & Others)	19	25	121	1	0	165
Total	863	1251	796	462	52	3424

\*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>15-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	169	0.0	3.9	-3.9
2		SASARAM-FATEHPUR	S/C	0	63	3.7	0.0	3.7
3		GAYA-BALIA	S/C	0	270	0.0	4.2	-4.2
4	HVDC	ALIPURDUAR-AGRA	-	0	279	0.0	11.0	-11.0
5		PUSAULI B/B	S/C	0	247	0.0	4.3	-4.3
6	400 KV	PUSAULI-VARANASI	S/C	0	222	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	84	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	619	0.0	10.0	-10.0
9		PATNA-BALIA	Q/C	0	966	0.0	17.6	-17.6
10		BIHARSHARIFF-BALIA	D/C	0	185	0.0	2.2	-2.2
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12		BIHARSHARIFF-VARANASI	D/C	0	18	0.5	0.0	0.5
13	220 KV	PUSAULI-SAHUPURI	S/C	0	201	0.0	4.8	-4.8
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>8.5</b>	<b>58.1</b>	<b>-49.5</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	36	4.5	0.0	4.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	12.1	0.0	12.1
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	0.0	0.0	0.0
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.6	0.0	1.6
22		IBEUL-RAIGARH	S/C	0	0	1.6	0.0	1.6
23		STERLITE-RAIGARH	D/C	0	0	5.3	0.0	5.3
24		RANCHI-SIPAT	D/C	0	0	11.3	0.0	11.3
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	115	0.0	1.0	-1.0
26		BUDHIPADAR-KORBA	D/C	0	0	1.6	0.0	1.6
<b>ER-WR</b>						<b>37.9</b>	<b>1.0</b>	<b>37.0</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	8.7	-8.7
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	175.2	0.0	8.6	-8.6
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	444.5	0.0	9.6	-9.6
30	400 KV	TALCHER-I/C	D/C	0.0	1023.8	0.0	15.0	-15.0
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>26.9</b>	<b>-26.9</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1338	0.0	7.6	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	1097	0.0	3.4	-3
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2
<b>ER-NER</b>						<b>0.0</b>	<b>12.9</b>	<b>-12.9</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	15.3	-15.3
<b>NER-NR</b>						<b>0.0</b>	<b>15.3</b>	<b>-15.3</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2500	0.0	50.8	-50.8
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1513	0.0	35.6	-35.6
39	765 KV	GWALIOR-AGRA	D/C	0	2616	0.0	49.4	-49.4
40		PHAGI-GWALIOR	D/C	0	1078	0.0	20.6	-20.6
41	400 KV	ZERDA-KANKROLI	S/C	371	0	6.0	0.0	6.0
42		ZERDA -BHINMAL	S/C	291	0	4.5	0.0	4.5
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	290	0	2	-2
45	220 KV	BADOD-KOTA	S/C	86	0	1.3	0.0	1.3
46		BADOD-MORAK	S/C	54	33	0.6	0.1	0.5
47		MEHGAON-AURAIYA	S/C	150	0	2.2	0.0	2.2
48		MALANPUR-AURAIYA	S/C	72	48	1.3	0.1	1.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>28.0</b>	<b>158.4</b>	<b>-130.3</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	400	0	9.4	0.0	9.4
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	741	613	7.5	0.0	7.5
53		WARDHA-NIZAMABAD	D/C	0	1348	0.0	12.4	-12.4
54	400 KV	KOLHAPUR-KUDGI	D/C	552	0	10.6	0.0	10.6
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>29.6</b>	<b>12.4</b>	<b>17.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>24.6</b>
59		NEPAL						<b>-4.5</b>
60		BANGLADESH						<b>-13.2</b>