



**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: 03<sup>rd</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 02.10.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02-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 02<sup>nd</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

3-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45680	45791	33527	17390	2516	144904
Peak Shortage (MW)	482	54	0	200	123	859
Energy Met (MU)	1036	1054	710	346	43	3190
Hydro Gen(MU)	224	22	57	100	27	431
Wind Gen(MU)	16	21	68	-----	-----	105
Solar Gen (MU)*	0.77	15.33	27.70	0.58	0.03	44
Energy Shortage (MU)	10.6	0.0	0.0	0.6	1.1	12.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49668	46231	33439	17614	2707	148826

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	0.035	0.00	0.36	7.31	7.67	81.26	11.06

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	7830	0	172.4	73.1	0.3	157	0.0
	Haryana	7081	0	139.4	87.5	1.6	209	0.0
	Rajasthan	9235	0	199.3	77.2	3.9	494	0.6
	Delhi	4087	0	79.7	59.4	-0.5	131	0.0
	UP	16605	0	346.4	142.0	0.3	395	0.0
	Uttarakhand	1584	0	32.0	4.6	0.3	117	0.0
	HP	1103	0	20.9	4.5	-1.1	95	0.0
	J&K	2222	555	42.1	29.2	-0.5	268	10.0
WR	Chandigarh	209	0	4.1	4.9	-0.8	0	0.0
	Chhattisgarh	3688	0	83.6	22.1	0.8	138	0.0
	Gujarat	15457	0	340.7	90.6	-2.2	710	0.0
	MP	8116	0	178.7	103.8	1.9	357	0.0
	Maharashtra	18736	0	414.8	154.8	4.0	796	0.0
	Goa	350	0	7.6	7.6	-0.4	35	0.0
	DD	277	0	6.3	5.9	0.4	38	0.0
	DNH	715	0	16.2	15.7	0.5	65	0.0
SR	Essar steel	357	0	6.1	6.2	-0.2	168	0.0
	Andhra Pradesh	6482	0	133.2	40.6	2.6	467	0.0
	Telangana	7061	0	148.4	60.5	0.4	373	0.0
	Karnataka	6097	0	114.9	37.7	-2.2	371	0.0
	Kerala	3197	0	60.6	42.3	1.1	265	0.0
	Tamil Nadu	11569	0	246.6	109.2	3.4	623	0.0
	Pondy	309	0	6.4	6.8	-0.4	17	0.0
	ER	Bihar	3946	0	73.4	67.1	1.1	80
DVC		2497	200	55.1	-15.9	4.9	400	0.6
Jharkhand		996	0	20.2	14.6	-0.1	200	0.0
Odisha		3896	0	77.7	32.2	2.0	400	0.0
West Bengal		7032	0	119.0	25.6	2.3	220	0.0
NER	Sikkim	74	0	0.8	1.4	-0.6	0	0.0
	Arunachal Pradesh	109	4	2.3	2.9	-0.5	13	0.0
	Assam	1591	55	26.3	20.3	0.7	125	0.9
	Manipur	147	2	2.0	2.4	-0.4	11	0.0
	Meghalaya	276	0	5.6	-1.4	0.1	12	0.0
	Mizoram	78	1	1.2	1.4	-0.3	9	0.0
	Nagaland	109	5	1.9	1.8	-0.1	18	0.1
Tripura	262	0	4.1	3.8	0.4	56	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	31.2	-1.4	-14.4
Day peak (MW)	1243.7	-228.2	-653.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	161.5	-135.9	44.8	-64.3	-6.2	-0.1
Actual(MU)	151.1	-127.5	36.9	-56.3	-8.4	-4.2
O/D/U/D(MU)	-10.4	8.4	-7.9	8.0	-2.2	-4.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3289	17226	4310	2245	56	27127
State Sector	10230	14112	11602	6370	50	42364
Total	13519	31338	15912	8615	106	69491

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	580	1094	434	323	5	2435
Hydro	224	22	57	100	27	431
Nuclear	33	16	36	0	0	84
Gas, Naptha & Diesel	33	56	18	0	25	132
RES (Wind, Solar, Biomass & Others)	24	36	131	1	0	191
Total	893	1224	676	424	56	3274

\*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>3-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	187	0.0	4.6	-4.6
2		SASARAM-FATEHPUR	S/C	0	0	3.0	0.0	3.0
3		GAYA-BALIA	S/C	0	286	0.0	4.2	-4.2
4	HVDC	ALIPURDUAR-AGRA	-	0	275	0.0	9.3	-9.3
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	216	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	88	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	851	0.0	14.6	-14.6
9		PATNA-BALIA	Q/C	0	1122	0.0	19.6	-19.6
10		BIHARSHARIFF-BALIA	D/C	0	248	0.0	4.2	-4.2
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.5	0.0	3.5
12		BIHARSHARIFF-VARANASI	D/C	0	27	0.0	0.5	-0.5
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	5.3	-5.3
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.5	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>7.1</b>	<b>68.3</b>	<b>-61.2</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	80	6.7	0.0	6.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	50	7.0	0.0	7.0
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	17	0.0	2.1	-2.1
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.9	0.0	1.9
22		IBEUL-RAIGARH	S/C	0	0	2.0	0.0	2.0
23		STERLITE-RAIGARH	D/C	0	35	4.2	0.0	4.2
24		RANCHI-SIPAT	D/C	0	0	5.7	0.0	5.7
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	60	0.0	0.1	-0.1
26		BUDHIPADAR-KORBA	D/C	0	0	2.0	0.0	2.0
<b>ER-WR</b>						<b>29.5</b>	<b>2.2</b>	<b>27.4</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.7	-14.7
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	210.7	0.0	11.5	-11.5
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1045.9	0.0	18.2	-18.2
30	400 KV	TALCHER-I/C	D/C	0.0	981.5	0.0	7.5	-7.5
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>44.4</b>	<b>-44.4</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1282	0.0	3.6	-4
33		ALIPURDUAR-BONGAIGAON	D/C	0	1053	0.0	0.2	0
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.4	-1
<b>ER-NER</b>						<b>0.0</b>	<b>5.2</b>	<b>-5.2</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	702	0.0	15.8	-15.8
<b>NER-NR</b>						<b>0.0</b>	<b>15.8</b>	<b>-15.8</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	600	0.0	8.6	-8.6
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	709	0.0	21.3	-21.3
39	765 KV	GWALIOR-AGRA	D/C	0	2064	0.0	36.2	-36.2
40		PHAGI-GWALIOR	D/C	0	1210	0.0	24.2	-24.2
41	400 KV	ZERDA-KANKROLI	S/C	217	18	2.1	0.0	2.1
42		ZERDA -BHINMAL	S/C	196	60	1.6	0.0	1.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	396	0	3	-3
45		BADOD-KOTA	S/C	34	25	0.2	0.1	0.0
46	220 KV	BADOD-MORAK	S/C	29	46	0.1	0.3	-0.2
47		MEHGAON-AURAIYA	S/C	50	0	0.9	0.0	0.9
48		MALANPUR-AURAIYA	S/C	25	0	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>17.3</b>	<b>93.7</b>	<b>-76.3</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	17.1	-17.1
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	528	919	528.0	1.3	526.7
53		WARDHA-NIZAMABAD	D/C	0	1087	0.0	15.1	-15.1
54	400 KV	KOLHAPUR-KUDGI	D/C	572	173	11.1	0.0	11.1
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>541.1</b>	<b>33.5</b>	<b>507.6</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>31.2</b>
59		NEPAL						<b>-1.4</b>
60		BANGLADESH						<b>-14.4</b>