



**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: 01<sup>st</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 30.09.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30-सितंबर-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 30<sup>th</sup> September 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

1-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48198	40622	33585	17361	2098	141865
Peak Shortage (MW)	513	0	0	0	229	742
Energy Met (MU)	1086	990	726	362	38	3203
Hydro Gen(MU)	237	19	74	102	28	460
Wind Gen(MU)	10	22	70	-----	-----	102
Solar Gen (MU)*	4.28	15.84	25.80	0.48	0.01	46
Energy Shortage (MU)	12.9	0.0	0.0	0.0	2.5	15.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49043	42838	33182	17453	2252	142375

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	0.027	0.00	0.00	3.10	3.10	82.57	14.33

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	7926	0	181.2	93.5	-0.1	170	0.0
	Haryana	6833	0	139.5	93.0	2.6	249	0.0
	Rajasthan	9486	0	205.8	76.6	4.9	489	2.7
	Delhi	4491	0	86.7	65.3	-1.1	125	0.0
	UP	17202	0	367.4	156.9	-0.4	239	0.0
	Uttarakhand	1616	0	35.6	8.6	-0.6	37	0.0
	HP	1186	0	22.9	3.9	-0.5	34	0.0
	J&K	2054	513	42.9	27.5	1.4	327	10.1
WR	Chandigarh	209	0	4.3	5.1	-0.8	0	0.0
	Chhattisgarh	3417	0	82.3	28.9	-1.0	100	0.0
	Gujarat	14819	0	329.3	78.8	2.8	445	0.0
	MP	7859	0	177.1	106.6	-0.2	353	0.0
	Maharashtra	16409	0	367.5	118.6	0.9	445	0.0
	Goa	410	0	8.5	7.9	0.4	85	0.0
	DD	272	0	4.6	4.0	0.6	62	0.0
	DNH	712	0	14.3	13.7	0.6	64	0.0
SR	Essar steel	343	0	6.6	6.3	0.4	196	0.0
	Andhra Pradesh	6395	0	140.3	50.1	3.6	574	0.0
	Telangana	6679	0	144.9	51.6	-0.4	469	0.0
	Karnataka	5770	0	115.2	36.4	1.3	406	0.0
	Kerala	3241	0	62.9	38.7	1.6	310	0.0
	Tamil Nadu	12319	0	255.9	113.2	4.0	584	0.0
	Pondy	335	0	6.9	7.2	-0.3	29	0.0
	ER	Bihar	4221	0	81.5	75.7	-1.1	441
DVC		2596	0	56.6	-14.0	-1.2	268	0.0
Jharkhand		957	0	21.2	15.4	-1.1	36	0.0
Odisha		4203	0	83.6	35.5	2.9	448	0.0
West Bengal		6425	0	118.6	20.7	2.8	306	0.0
NER	Sikkim	67	0	0.8	1.3	-0.5	40	0.0
	Arunachal Pradesh	119	3	2.1	3.4	-1.3	3	0.1
	Assam	1220	177	20.8	17.9	-2.4	164	2.2
	Manipur	141	4	2.2	2.7	-0.5	38	0.1
	Meghalaya	239	0	5.2	0.0	-0.1	69	0.0
	Mizoram	73	3	1.3	1.5	-0.3	12	0.0
	Nagaland	101	5	1.9	2.1	-0.4	25	0.1
Tripura	242	0	4.7	4.3	-1.1	85	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	32.5	-1.2	-14.3
Day peak (MW)	1440.3	-189.0	-634.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	198.5	-155.5	24.3	-60.4	-3.2	3.7
Actual(MU)	195.7	-146.3	24.4	-68.1	-12.9	-7.3
O/D/U/D(MU)	-2.8	9.1	0.1	-7.7	-9.7	-11.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3289	16784	5060	2245	56	27435
State Sector	11100	16328	10942	7695	50	46115
Total	14389	33112	16002	9940	106	73550

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	578	1047	450	343	3	2421
Hydro	237	19	74	102	28	460
Nuclear	32	15	36	0	0	83
Gas, Naptha & Diesel	34	53	14	0	23	124
RES (Wind, Solar, Biomass & Others)	23	38	131	1	0	192
Total	903	1173	705	446	55	3281

\*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>1-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	242	0.0	6.1	-6.1
2		SASARAM-FATEHPUR	S/C	0	0	3.2	0.0	3.2
3		GAYA-BALIA	S/C	0	327	0.0	4.8	-4.8
4	HVDC	ALIPURDUAR-AGRA	-	0	600	0.0	16.5	-16.5
5		PUSAULI B/B	S/C	0	245	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	200	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	90	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	779	0.0	15.1	-15.1
9		PATNA-BALIA	Q/C	0	1096	0.0	21.3	-21.3
10		BIHARSHARIFF-BALIA	D/C	0	228	0.0	4.6	-4.6
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.9	0.0	3.9
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.9	-0.9
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	5.9	-5.9
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>7.6</b>	<b>81.1</b>	<b>-73.5</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	249	3.6	0.0	3.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	234	6.5	0.0	6.5
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	78	0.0	1.8	-1.8
21		JHARSUGUDA-RAIGARH	S/C	0	55	1.3	0.0	1.3
22		IBEUL-RAIGARH	S/C	0	0	1.4	0.0	1.4
23		STERLITE-RAIGARH	D/C	0	0	5.3	0.0	5.3
24		RANCHI-SIPAT	D/C	0	0	4.2	0.0	4.2
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	64	0.0	0.3	-0.3
26		BUDHIPADAR-KORBA	D/C	0	0	1.6	0.0	1.6
<b>ER-WR</b>						<b>23.9</b>	<b>2.1</b>	<b>21.8</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.6	-11.6
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	210.7	0.0	10.8	-10.8
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1524.6	0.0	20.9	-20.9
30	400 KV	TALCHER-I/C	D/C	0.0	643.1	1.1	7.0	-6.0
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>43.4</b>	<b>-43.4</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1435	0.0	3.8	-4
33		ALIPURDUAR-BONGAIGAON	D/C	0	1217	1.1	0.0	1
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.8	-1
<b>ER-NER</b>						<b>1.1</b>	<b>4.7</b>	<b>-3.6</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	702	0.0	16.8	-16.8
<b>NER-NR</b>						<b>0.0</b>	<b>16.8</b>	<b>-16.8</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	15.8	-15.8
37		V'CHAL B/B	D/C	500	0	9.6	0.0	9.6
38		APL -MHG	D/C	0	1513	0.0	29.2	-29.2
39	765 KV	GWALIOR-AGRA	D/C	0	2522	0.0	44.7	-44.7
40		PHAGI-GWALIOR	D/C	0	1350	0.0	25.5	-25.5
41	400 KV	ZERDA-KANKROLI	S/C	158	4	1.6	0.0	1.6
42		ZERDA -BHINMAL	S/C	134	79	0.8	0.0	0.8
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	452	0	4	-4
45	220 KV	BADOD-KOTA	S/C	5	61	0.0	0.5	-0.5
46		BADOD-MORAK	S/C	6	80	0.0	0.7	-0.7
47		MEHGAON-AURAIYA	S/C	5	0	0.8	0.0	0.8
48		MALANPUR-AURAIYA	S/C	24	8	0.1	0.0	0.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>13.0</b>	<b>120.3</b>	<b>-107.3</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	8.8	-8.8
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	389	730	389.0	3.3	385.7
53		WARDHA-NIZAMABAD	D/C	0	1139	0.0	13.3	-13.3
54	400 KV	KOLHAPUR-KUDGI	D/C	635	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>401.6</b>	<b>25.4</b>	<b>376.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>32.5</b>
59		NEPAL						<b>-1.2</b>
60		BANGLADESH						<b>-14.3</b>