



**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: 16<sup>th</sup> Nov 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 15.11.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15-नवम्बर - 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 15<sup>th</sup> November 2017, is available at the NLDC website.

धन्यवाद,



पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

16-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40273	46781	38898	17133	2339	145424
Peak Shortage (MW)	545	12	75	732	69	1432
Energy Met (MU)	828	1095	857	328	40	3148
Hydro Gen(MU)	113	25	61	45	16	260
Wind Gen(MU)	12	15	27	-----	-----	53
Solar Gen (MU)*	0.57	15.44	31.00	0.34	0.01	47
Energy Shortage (MU)	15.0	0.0	0.1	2.2	0.5	17.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41248	48572	39701	17104	2358	146550

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	0.046	0.00	0.61	11.13	11.75	77.42	10.83

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	4664	0	86.6	22.4	-0.4	204	0.0
	Haryana	6151	0	108.5	69.8	1.1	271	0.0
	Rajasthan	10493	0	203.6	60.4	4.0	487	4.5
	Delhi	3301	0	62.3	47.7	-1.1	179	0.0
	UP	12209	600	271.7	99.7	0.3	336	2.7
	Uttarakhand	1792	0	33.5	16.1	0.5	179	0.0
	HP	1468	0	26.1	18.1	1.1	141	0.0
	J&K	1835	459	32.4	32.8	-4.7	136	7.8
WR	Chhattisgarh	177	0	3.2	3.4	-0.3	11	0.0
	Gujarat	2982	0	67.2	12.9	-0.2	233	0.0
	MP	14486	0	315.6	106.3	-2.6	332	0.0
	Maharashtra	9607	0	237.4	168.2	-0.2	315	0.0
	Goa	20883	0	431.5	145.2	0.3	473	0.0
	DD	412	0	8.6	8.8	-0.2	34	0.0
	DNH	316	0	7.2	6.6	0.5	49	0.0
	Essar steel	744	0	17.1	17.4	-0.2	10	0.0
SR	Andhra Pradesh	508	0	10.0	10.4	-0.4	175	0.0
	Telangana	7506	0	157.5	56.3	-0.7	339	0.0
	Karnataka	7410	0	153.6	59.2	-5.3	418	0.0
	Kerala	9405	0	197.6	79.8	1.1	440	0.0
	Tamil Nadu	3516	0	66.8	47.2	1.8	269	0.1
	Pondy	13545	0	275.1	137.0	4.0	591	0.0
ER	Bihar	325	0	6.6	7.2	-0.5	26	0.0
	DVC	3597	100	60.8	52.8	2.6	405	0.5
	Jharkhand	2475	200	61.4	-24.0	4.2	435	0.7
	Odisha	1061	0	23.4	12.3	1.5	105	0.3
	West Bengal	3533	250	65.7	28.1	1.9	385	0.8
NER	Sikkim	6705	0	115.7	31.6	2.5	445	0.0
	Arunachal Pradesh	106	0	1.3	1.3	0.0	20	0.0
	Assam	134	1	2.2	2.1	0.1	43	0.0
	Manipur	1426	24	22.9	18.6	0.9	268	0.3
	Meghalaya	164	2	2.2	2.5	-0.3	35	0.0
	Mizoram	297	0	5.5	2.4	0.1	40	0.0
NER	Nagaland	92	0	1.5	1.2	0.2	45	0.0
	Tripura	123	2	2.0	1.4	0.1	28	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	9.2	-4.1	-13.1
Day peak (MW)	375.8	-222.2	-628.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	126.3	-121.9	60.8	-67.7	-2.5	-5.0
Actual(MU)	112.8	-126.6	63.5	-49.7	-3.7	-3.8
O/D/U/D(MU)	-13.5	-4.7	2.7	18.0	-1.2	1.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4345	14020	3310	2785	143	24603
State Sector	11320	18468	8722	8110	50	46670
Total	15665	32488	12032	10895	193	71273

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	515	1179	575	354	0	2624
Hydro	113	25	61	45	16	260
Nuclear	33	28	51	0	0	112
Gas, Naptha & Diesel	57	56	18	0	22	153
RES (Wind, Solar, Biomass & Others)	15	29	101	0	0	145
Total	733	1318	805	400	39	3294

\*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(ग्रि०प्र०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	16-Nov-17
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	196	0.0	4.1	-4.1	
2		SASARAM-FATEHPUR	S/C	0	10	3.0	0.0	3.0	
3		GAYA-BALIA	S/C	0	270	0.0	2.5	-2.5	
4	HVDC	ALIPURDUAR-AGRA	-	0	172	0.0	7.3	-7.3	
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1	
6	400 KV	PUSAULI-VARANASI	S/C	0	215	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	94	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	460	0.0	6.6	-6.6	
9		PATNA-BALIA	Q/C	0	888	0.0	19.0	-19.0	
10		BIHARSHARIFF-BALIA	D/C	0	120	0.0	0.9	-0.9	
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.9	0.0	3.9	
12		BIHARSHARIFF-VARANASI	D/C	0	161	0.9	0.0	0.9	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	106	0.0	2.1	-2.1	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.8	0.0	0.8	
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>48.5</b>	<b>-40.0</b>	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.6	0.0	9.6	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	219	4.8	0.0	4.8	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	3.9	0.0	3.9	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.1	0.0	2.1	
22		IBEUL-RAIGARH	S/C	0	0	2.1	0.0	2.1	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	0	6.0	0.0	6.0	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	32	0.7	0.0	0.7	
26		BUDHIPADAR-KORBA	D/C	0	0	2.3	0.0	2.3	
<b>ER-WR</b>						<b>31.4</b>	<b>0.0</b>	<b>31.4</b>	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.2	-18.2	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	268.0	0.0	12.4	-12.4	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2022.4	0.0	46.6	-46.6	
30	400 KV	TALCHER-I/C	D/C	0.0	772.0	0.0	9.1	-9.1	
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>77.2</b>	<b>-77.2</b>	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1114	0.0	5.8	-6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	917	0.0	2.8	-3	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0	
<b>ER-NER</b>						<b>0.0</b>	<b>8.6</b>	<b>-8.6</b>	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	12.6	-12.6	
<b>NER-NR</b>						<b>0.0</b>	<b>12.6</b>	<b>-12.6</b>	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	500	0.0	11.8	-11.8	
37		V'CHAL B/B	D/C	500	0	12.3	0.0	12.3	
38		APL -MHG	D/C	0	1009	0.0	18.1	-18.1	
39	765 KV	GWALIOR-AGRA	D/C	0	2290	0.0	38.9	-38.9	
40		PHAGI-GWALIOR	D/C	0	1150	0.0	23.2	-23.2	
41	400 KV	ZERDA-KANKROLI	S/C	297	0	3.3	0.0	3.3	
42		ZERDA -BHINMAL	S/C	242	262	0.9	0.0	0.9	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	152	0	0	0	
45		BADOD-KOTA	S/C	157	0	2.7	0.0	2.7	
46	220 KV	BADOD-MORAK	S/C	89	0	1.3	0.0	1.3	
47		MEHGAON-AURAIYA	S/C	93	0	1.5	0.0	1.5	
48		MALANPUR-AURAIYA	S/C	52	0	0.6	0.0	0.6	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>22.7</b>	<b>92.5</b>	<b>-69.9</b>	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	200	0.0	4.8	-4.8	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	581	1383	0.0	9.9	-9.9	
53		WARDHA-NIZAMABAD	D/C	0	1615	0.0	20.2	-20.2	
54	400 KV	KOLHAPUR-KUDGI	D/C	555	33	5.6	0.1	5.5	
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>7.6</b>	<b>35.0</b>	<b>-27.4</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>9.2</b>	
59		NEPAL						<b>-4.1</b>	
60		BANGLADESH						<b>-13.1</b>	