



**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: 20<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 19.11.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19-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 19<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

20-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	37487	44697	35429	17144	2317	137074
Peak Shortage (MW)	550	0	0	400	72	1022
Energy Met (MU)	796	1063	843	331	39	3073
Hydro Gen(MU)	113	22	53	36	16	240
Wind Gen(MU)	17	60	16	-----	-----	92
Solar Gen (MU)*	2.89	12.07	27.20	0.56	0.02	43
Energy Shortage (MU)	95.5	0.0	0.0	1.2	0.8	97.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	38477	48701	37543	17454	2282	139197

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	0.051	0.00	1.27	11.25	12.52	76.48	11.00

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	4337	0	85.1	24.4	-0.6	102	0.0
	Haryana	5230	0	95.2	63.4	2.2	224	0.0
	Rajasthan	9855	0	189.4	45.5	2.5	686	0.0
	Delhi	3196	0	57.2	43.6	-0.6	169	0.0
	UP	11838	0	270.9	93.3	0.0	562	0.0
	Uttarakhand	1660	0	30.8	14.0	0.2	144	0.0
	HP	1348	0	24.3	17.5	0.4	113	0.0
	J&K	2198	550	40.4	35.0	-0.9	414	95.5
WR	Chhattisgarh	166	0	2.8	3.3	-0.4	7	0.0
	Gujarat	3181	0	68.3	18.5	-0.9	137	0.0
	MP	14240	0	303.1	70.6	0.9	510	0.0
	Maharashtra	9934	0	231.8	147.5	-3.5	537	0.0
	Goa	20198	0	417.8	146.2	1.3	327	0.0
	DD	388	0	8.3	7.9	0.4	49	0.0
	DNH	288	0	6.7	6.3	0.4	68	0.0
	Essar steel	739	0	17.0	16.8	0.2	45	0.0
SR	Andhra Pradesh	503	0	10.3	10.3	0.0	151	0.0
	Telangana	7904	0	164.5	65.1	2.5	402	0.0
	Karnataka	6895	0	148.2	78.2	-1.5	380	0.0
	Kerala	8607	0	184.1	79.6	2.1	406	0.0
	Tamil Nadu	3010	0	61.8	48.9	1.0	148	0.0
	Pondy	12441	0	277.9	139.2	5.7	390	0.0
ER	Bihar	304	0	6.4	6.8	-0.4	35	0.0
	DVC	3769	0	64.9	61.0	0.3	380	0.0
	Jharkhand	2824	0	65.8	-26.9	-2.0	210	0.0
	Odisha	1151	0	22.9	13.7	-0.2	80	0.0
	West Bengal	3562	400	64.4	35.1	0.7	300	1.2
	Sikkim	6610	0	111.8	24.6	1.9	380	0.0
NER	Arunachal Pradesh	76	0	1.2	1.3	-0.1	15	0.0
	Assam	118	5	2.0	2.0	0.0	43	0.0
	Manipur	1373	30	22.1	18.4	-0.5	268	0.6
	Meghalaya	151	8	2.1	2.5	-0.4	35	0.0
	Mizoram	283	2	5.8	2.9	0.0	40	0.0
	Nagaland	80	2	1.4	1.0	0.3	45	0.0
Tripura	115	8	2.0	1.6	-0.2	28	0.0	
		209	3	3.9	2.2	0.5	57	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.6	-4.2	-13.0
Day peak (MW)	351.5	-322.3	-649.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	111.0	-150.4	89.7	-48.9	-3.3	-1.9
Actual(MU)	106.5	-157.3	97.5	-43.7	-5.1	-2.1
O/D/U/D(MU)	-4.5	-6.9	7.8	5.2	-1.8	-0.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4645	14629	3310	1605	194	24383
State Sector	10040	19915	10192	6285	50	46482
Total	14685	34544	13502	7890	244	70865

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	484	1097	551	362	0	2493
Hydro	113	22	53	36	16	240
Nuclear	34	27	51	0	0	112
Gas, Naptha & Diesel	59	52	18	0	23	151
RES (Wind, Solar, Biomass & Others)	22	58	81	1	0	162
Total	711	1255	754	399	39	3158

\*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(त्रि०प्र०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : 20-Nov-17
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	88	0.0	0.2	-0.2
2		SASARAM-FATEHPUR	S/C	0	48	1.6	0.0	1.6
3		GAYA-BALIA	S/C	0	183	0.0	1.9	-1.9
4	HVDC	ALIPURDUAR-AGRA	-	0	172	0.0	6.9	-6.9
5		PUSAULI B/B	S/C	0	249	0.0	5.8	-5.8
6	400 KV	PUSAULI-VARANASI	S/C	0	231	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	453	0.0	4.6	-4.6
9		PATNA-BALIA	Q/C	0	748	0.0	16.1	-16.1
10		BIHARSHARIFF-BALIA	D/C	0	70	0.1	0.0	0.1
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.9	0.0	3.9
12		BIHARSHARIFF-VARANASI	D/C	0	254	2.9	0.0	2.9
13	220 KV	PUSAULI-SAHUPURI	S/C	0	108	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	0.9	0.0	0.9
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>9.3</b>	<b>37.6</b>	<b>-28.3</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.5	0.0	11.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	427	1.9	0.0	1.9
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.0	0.0	2.0
21		JHARSUGUDA-RAIGARH	S/C	0	16	1.7	0.0	1.7
22		IBEUL-RAIGARH	S/C	0	0	1.8	0.0	1.8
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	104	4.8	0.0	4.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	35	1.6	0.0	1.6
26		BUDHIPADAR-KORBA	D/C	0	0	2.1	0.0	2.1
<b>ER-WR</b>						<b>27.5</b>	<b>0.0</b>	<b>27.5</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.7	-18.7
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	347.1	0.0	12.0	-12.0
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	168.8	0.0	41.8	-41.8
30	400 KV	TALCHER-I/C	D/C	0.0	686.7	0.0	8.6	-8.6
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>72.5</b>	<b>-72.5</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1030	0.0	5.7	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	852	0.0	2.2	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
<b>ER-NER</b>						<b>0.0</b>	<b>7.9</b>	<b>-7.9</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	537	0.0	12.7	-12.7
<b>NER-NR</b>						<b>0.0</b>	<b>12.7</b>	<b>-12.7</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	450	0.0	10.7	-10.7
37		V'CHAL B/B	D/C	500	50	7.0	0.2	6.8
38		APL -MHG	D/C	0	1009	0.0	22.2	-22.2
39	765 KV	GWALIOR-AGRA	D/C	0	2038	0.0	34.2	-34.2
40		PHAGI-GWALIOR	D/C	0	632	0.0	13.5	-13.5
41	400 KV	ZERDA-KANKROLI	S/C	274	0	3.5	0.0	3.5
42		ZERDA -BHINMAL	S/C	212	147	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	115	244	0	1	-1
45		BADOD-KOTA	S/C	46	3	2.3	0.2	2.1
46	220 KV	BADOD-MORAK	S/C	68	25	0.4	1.6	-1.3
47		MEHGAON-AURAIYA	S/C	75	0	1.5	0.0	1.5
48		MALANPUR-AURAIYA	S/C	35	0	0.2	0.0	0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>16.5</b>	<b>83.3</b>	<b>-66.7</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	12.0	-12.0
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1333	0.0	21.2	-21.2
53		WARDHA-NIZAMABAD	D/C	0	1872	0.0	33.7	-33.7
54	400 KV	KOLHAPUR-KUDGI	D/C	290	59	3.0	0.2	2.8
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>5.0</b>	<b>67.1</b>	<b>-62.1</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>8.6</b>
59		NEPAL						<b>-4.2</b>
60		BANGLADESH						<b>-13.0</b>