



**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: 27<sup>th</sup> Oct 2019

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, 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., डोंगतेह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006  
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. कार्यकारी निदेशक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 26.10.2019.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-अक्टूबर-2019 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 26<sup>th</sup> Oct 2019, 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

27-Oct-19

A. Power Supply Position at All India and Regional level

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	43142	40066	33691	18285	2275	137459
Peak Shortage (MW)	529	0	0	0	173	702
Energy Met (MU)	900	911	750	345	38	2944
Hydro Gen (MU)	143	39	154	84	16	435
Wind Gen (MU)	16	106	37	-----	-----	159
Solar Gen (MU)*	28.64	16.2	50.89	1.40	0.02	97
Energy Shortage (MU)	10.9	0.0	0.0	0.0	2.3	13.2
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	43870 18:36	41805 09:44	34664 18:34	18412 18:38	2316 18:27	140248 18:36

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	0.033	0.00	0.17	1.48	1.66	73.58	24.77

C. Power Supply Position in States

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	5523	0	117.0	62.8	-1.4	15	0.0
	Haryana	5945	0	124.8	106.9	0.4	182	0.0
	Rajasthan	10305	0	197.0	53.9	-1.8	274	0.0
	Delhi	3410	0	69.1	54.0	-0.6	88	0.0
	UP	15481	0	287.8	118.8	5.4	729	0.8
	Uttarakhand	1592	0	32.7	20.1	0.1	174	0.0
	HP	1383	0	25.2	15.0	-0.6	381	0.0
	J&K	2240	560	42.6	37.7	-0.5	108	10.1
	Chandigarh	183	0	3.4	3.6	-0.2	17	0.0
WR	Chhattisgarh	3357	0	73.5	22.1	-1.0	376	0.0
	Gujarat	12617	0	279.0	65.8	0.7	593	0.0
	MP	8269	0	170.3	110.0	-2.7	195	0.0
	Maharashtra	16023	0	347.4	111.5	-2.1	468	0.0
	Goa	541	0	10.5	10.0	-0.1	52	0.0
	DD	300	0	6.6	6.2	0.4	41	0.0
	DNH	747	0	17.2	17.4	-0.2	40	0.0
	Essar steel	394	0	6.8	6.7	0.1	288	0.0
	SR	Andhra Pradesh	7212	0	149.8	56.7	0.6	496
Telangana		7102	0	149.4	46.8	-2.2	383	0.0
Karnataka		7240	0	140.1	18.1	-4.0	499	0.0
Kerala		3076	0	62.4	47.3	0.9	180	0.0
Tamil Nadu		11492	0	241.5	138.1	-0.5	495	0.0
Pondy		331	0	7.0	7.8	-0.8	58	0.0
ER	Bihar	4274	0	71.1	71.1	-2.1	200	0.0
	DVC	2924	0	59.7	-13.1	0.1	180	0.0
	Jharkhand	1072	0	22.9	12.8	-0.6	20	0.0
	Odisha	3732	0	73.9	8.8	0.6	270	0.0
	West Bengal	6663	0	116.3	39.7	2.5	390	0.0
	Sikkim	91	0	1.0	1.2	-0.2	15	0.0
NER	Arunachal Pradesh	109	5	2.1	2.1	-0.2	13	0.0
	Assam	1351	118	20.3	15.3	-0.4	144	2.3
	Manipur	151	6	2.5	2.5	0.0	27	0.0
	Meghalaya	342	11	5.5	2.0	-0.6	37	0.0
	Mizoram	91	7	1.8	1.0	0.2	24	0.0
	Nagaland	104	5	2.1	1.7	0.1	9	0.0
	Tripura	269	18	3.7	3.0	-0.7	20	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	20.3	-1.3	-16.5
Day peak (MW)	884.1	-123.7	-1092.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	222.9	-215.7	61.2	-67.8	-0.7	-0.1
Actual(MU)	212.1	-219.0	56.6	-50.3	-3.2	-3.8
O/D/U/D(MU)	-10.8	-3.3	-4.6	17.5	-2.5	-3.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2587	15836	8052	2530	660	29665
State Sector	11486	24378	12573	6180	11	54628
Total	14073	40214	20625	8710	672	84293

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	444	895	306	328	10	1983
Lignite	16	11	47	0	0	74
Hydro	143	39	154	84	16	435
Nuclear	24	29	60	0	0	112
Gas, Naptha & Diesel	23	38	15	0	20	96
RES (Wind, Solar, Biomass & Others)	53	134	117	1	0	305
Total	703	1146	698	413	46	3005

Share of RES in total generation (%)	7.51	11.67	16.71	0.34	0.04	10.13
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	31.25	17.58	47.34	20.64	34.19	28.36

H. Diversity Factor

All India Demand Diversity Factor	1.006
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Diversity factor = Sum of regional maximum demands / All India maximum demand

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

**INTER-REGIONAL EXCHANGES**

Date of Reporting : 27-Oct-19

Import=(+ve)  
/Export =(-ve)  
for NET (MU)

Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765kV	GAYA-VARANASI	D/C	60	375	0.0	5.7	-5.7
2		SASARAM-FATEHPUR	S/C	67	186	0.0	1.0	-1.0
3		GAYA-BALIA	S/C	0	329	0.0	6.4	-6.4
4	HVDC	ALIPURDUAR-AGRA	-	0	400	0.0	9.5	-9.5
5		PUSAULI B/B	S/C	0	196	0.0	4.5	-4.5
6	400 kV	PUSAULI-VARANASI	S/C	0	175	0.0	3.1	-3.1
7		PUSAULI -ALLAHABAD	S/C	0	85	0.0	1.2	-1.2
8		MUZAFFARPUR-GORAKHPUR	D/C	0	604	0.0	8.0	-8.0
9		PATNA-BALIA	Q/C	0	765	0.0	16.5	-16.5
10		BIHARSHARIFF-BALIA	D/C	22	274	0.0	3.6	-3.6
11		MOTIHARI-GORAKHPUR	D/C	1	4	0.0	0.0	0.0
12		BIHARSHARIFF-VARANASI	D/C	190	91	0.6	0.0	0.6
13	220 kV	PUSAULI-SAHUPURI	S/C	0	123	0.0	2.2	-2.2
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	30	0	0.4	0.0	0.4
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>1.0</b>	<b>61.6</b>	<b>-60.7</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH	Q/C	1552	0	22.9	0.0	22.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	863	0	14.5	0.0	14.5
20		JHARSUGUDA-DURG	D/C	157	0	2.3	0.0	2.3
21	400 kV	JHARSUGUDA-RAIGARH	Q/C	275	0	3.2	0.0	3.2
22		RANCHI-SIPAT	D/C	305	0	5.5	0.0	5.5
23	220 kV	BUDHIPADAR-RAIGARH	S/C	3	55	0.0	0.6	-0.6
24		BUDHIPADAR-KORBA	D/C	100	0	1.7	0.0	1.7
<b>ER-WR</b>						<b>50.1</b>	<b>0.6</b>	<b>49.5</b>
<b>Import/Export of ER (With SR)</b>								
25	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1778.0	0.0	24.2	-24.2
26	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	424.0	0.0	9.9	-9.9
27	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1189.0	0.0	28.9	-28.9
28	400 kV	TALCHER-I/C	D/C	430.0	212.0	0.0	1.5	-1.5
29	220 kV	BALIMELA-UPPER-SILERRU	S/C	1.0	0.0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>63.0</b>	<b>-63.0</b>
<b>Import/Export of ER (With NER)</b>								
30	400 kV	BINAGURI-BONGAIGAON	D/C	26	374	0.0	3.6	-4
31		ALIPURDUAR-BONGAIGAON	D/C	131	297	0.0	2.6	-3
32	220 kV	ALIPURDUAR-SALAKATI	D/C	2	92	0.0	0.9	-1
<b>ER-NER</b>						<b>0.0</b>	<b>7.1</b>	<b>-7.1</b>
<b>Import/Export of NER (With NR)</b>								
33	HVDC	BISWANATH CHARIALI-AGRA	-	0	503	0.0	11.0	-11.0
<b>NER-NR</b>						<b>0.0</b>	<b>11.0</b>	<b>-11.0</b>
<b>Import/Export of WR (With NR)</b>								
34	HVDC	CHAMPA-KURUKSHETRA	D/C	0	750	0.0	16.0	-16.0
35		V'CHAL B/B	D/C	452	0	8.2	0.0	8.2
36		APL -MHG	D/C	0	1270	0.0	25.1	-25.1
37	765 kV	GWALIOR-AGRA	D/C	0	2294	0.0	44.9	-44.9
38		PHAGI-GWALIOR	D/C	0	1140	0.0	21.9	-21.9
39		JABALPUR-ORAI	D/C	0	814	0.0	32.7	-32.7
40		GWALIOR-ORAI	S/C	402	0	7.7	0.0	7.7
41		SATNA-ORAI	S/C	0	1322	0.0	28.0	-28.0
42		CHITTORGARH-BANASKANTHA	D/C	0	812	0.0	8.1	-8.1
43		ZERDA-KANKROLI	S/C	39	106	0.1	0.9	-0.8
44	400 kV	ZERDA -BHINMAL	S/C	0	240	0.0	2.7	-2.7
45		V'CHAL -RIHAND	S/C	969	0	21.8	0.0	21.8
46	220 kV	RAPP-SHUJALPUR	D/C	81	232	0	2	-2
47		BHANPURA-RANPUR	S/C	21	42	0.0	0.3	-0.3
48		BHANPURA-MORAK	S/C	4	89	0.0	1.1	-1.1
49		MEHGAON-AURAIYA	S/C	52	13	0.4	0.0	0.4
50	132kV	MALANPUR-AURAIYA	S/C	21	37	0.1	0.3	-0.3
51		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>38.3</b>	<b>184.1</b>	<b>-145.9</b>
<b>Import/Export of WR (With SR)</b>								
52	HVDC	BHADRAWATI B/B	-	0	715	0.0	10.0	-10.0
53	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
54	765 kV	SOLAPUR-RAICHUR	D/C	786	1063	3.8	5.8	-2.0
55		WARDHA-NIZAMABAD	D/C	0	1740	0.0	23.6	-23.6
56	400 kV	KOLHAPUR-KUDGI	D/C	895	0	13.2	0.0	13.2
57	220 kV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
58		PONDA-AMBEWADI	S/C	0	77	0.0	1.3	-1.3
59		XELDEM-AMBEWADI	S/C	0	51	0.7	0.0	0.7
<b>WR-SR</b>						<b>17.7</b>	<b>40.7</b>	<b>-23.0</b>
<b>TRANSNATIONAL EXCHANGE</b>								
60		BHUTAN						<b>20.3</b>
61		NEPAL						<b>-1.3</b>
62		BANGLADESH						<b>-16.5</b>