



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: 25th Nov 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 24.11.2019.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-नवम्बर-2019 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 24th Nov 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 25-Nov-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)	40428	45508	34490	17620	2199	140245
Peak Shortage (MW)	456	0	0	0	55	511
Energy Met (MU)	837	1098	834	329	40	3138
Hydro Gen (MU)	133	38	75	38	10	294
Wind Gen (MU)	13	37	43	-----	-----	93
Solar Gen (MU)*	25.86	20.1	81.81	1.90	0.00	130
Energy Shortage (MU)	11.6	0.0	0.0	0.0	0.9	12.4
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	40617 09:11	49985 11:22	37330 08:32	17744 18:08	2341 17:20	142630 18:24

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	0.034	0.00	0.00	1.70	1.70	68.28	30.02

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	4873	0	98.9	40.0	-2.0	5	0.0
	Haryana	5162	0	105.6	93.7	0.4	211	0.0
	Rajasthan	11685	0	215.0	65.7	-0.4	571	0.0
	Delhi	3330	0	58.0	47.6	-0.8	156	0.0
	UP	13679	0	255.2	115.7	1.0	627	0.9
	Uttarakhand	1628	0	31.5	19.4	0.4	145	0.0
	HP	1445	29	25.7	18.1	-0.6	131	0.3
	J&K	2211	553	43.7	37.5	-1.3	201	10.3
	Chandigarh	173	0	2.9	3.0	0.0	17	0.0
WR	Chhattisgarh	3298	0	70.8	25.8	-1.5	242	0.0
	Gujarat	15140	0	321.7	94.0	1.5	608	0.0
	MP	12661	0	246.0	151.9	-1.8	419	0.0
	Maharashtra	19703	0	417.1	128.8	-2.5	435	0.0
	Goa	541	0	11.8	11.4	-0.2	35	0.0
	DD	296	0	6.8	6.2	0.6	38	0.0
	DNH	771	0	18.0	18.1	-0.1	43	0.0
	Essar steel	306	0	6.0	5.6	0.4	295	0.0
	SR	Andhra Pradesh	8123	0	167.3	70.0	0.1	341
Telangana		8167	0	174.0	65.8	0.8	457	0.0
Karnataka		9412	0	176.5	34.4	1.0	506	0.0
Kerala		3292	0	65.8	51.9	1.6	207	0.0
Tamil Nadu		11200	0	244.6	140.0	0.3	464	0.0
Pondy		309	0	6.3	6.8	-0.5	26	0.0
ER	Bihar	4070	0	67.8	68.0	-1.2	40	0.0
	DVC	2998	0	61.4	-28.4	0.0	180	0.0
	Jharkhand	1150	0	24.1	17.9	-1.2	31	0.0
	Odisha	3801	0	72.1	7.6	0.2	230	0.0
	West Bengal	5830	0	102.9	25.4	1.0	350	0.0
	Sikkim	96	0	1.2	1.2	0.0	20	0.0
NER	Arunachal Pradesh	114	2	2.2	2.0	0.0	18	0.0
	Assam	1274	42	21.7	16.5	-0.2	87	0.8
	Manipur	194	1	2.6	2.5	0.0	21	0.0
	Meghalaya	328	0	6.1	2.9	0.5	23	0.0
	Mizoram	97	2	1.8	0.2	0.6	24	0.0
	Nagaland	127	2	2.1	1.9	-0.1	18	0.0
	Tripura	211	4	3.3	1.7	-0.2	31	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	10.0	-1.6	-12.0
Day peak (MW)	552.2	-279.5	-794.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	181.3	-148.1	78.6	-109.1	-3.2	-0.5
Actual(MU)	176.1	-148.0	83.3	-113.7	-2.1	-4.4
O/D/U/D(MU)	-5.2	0.1	4.7	-4.6	1.1	-3.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5541	19013	7382	1290	584	33811
State Sector	14273	16345	10200	6010	11	46839
Total	19814	35358	17582	7300	596	80649

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	428	1058	403	425	11	2324
Lignite	18	17	42	0	10	87
Hydro	133	38	75	38	0	284
Nuclear	29	28	55	0	25	137
Gas, Naptha & Diesel	19	50	16	0	0	85
RES (Wind, Solar, Biomass & Others)	59	66	165	2	0	293
Total	687	1257	755	465	46	3210

Share of RES in total generation (%)	8.63	5.29	21.90	0.42	0.00	9.13
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	32.29	10.53	39.10	8.63	53.44	22.25

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.038
Based on State Max Demands	1.106

Diversity factor = Sum of regional or state-wise maximum demands / All India maximum demand

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