



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: 28th Aug 2020

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 27.08.2020.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27-अगस्त-2020 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 27th August 2020, 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: 28-Aug-2020

A. Power Supply Position at All India and Regional level

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	58526	40674	38280	20285	2873	160638
Peak Shortage (MW)	163	0	0	0	178	341
Energy Met (MU)	1284	957	908	422	55	3626
Hydro Gen (MU)	344	96	128	143	23	735
Wind Gen (MU)	18	105	92	-	-	214
Solar Gen (MU)*	27.68	20.38	85.10	4.39	0.10	138
Energy Shortage (MU)	0.5	0.0	0.0	0.0	2.9	3.4
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	60645	42725	42529	20401	2961	161662
Time Of Maximum Demand Met (From NLDC SCADA)	21:26	09:34	09:13	19:38	19:00	19:33

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	0.023	0.00	0.00	2.65	2.65	82.64	14.71

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	10972	0	245.3	141.4	-1.3	74	0.0
	Haryana	8972	0	191.4	187.0	2.8	294	0.1
	Rajasthan	9925	0	219.0	93.3	3.8	597	0.0
	Delhi	5145	0	102.3	91.5	-0.7	181	0.0
	UP	21765	0	416.6	200.3	1.4	541	0.3
	Uttarakhand	1826	0	39.8	15.1	0.1	106	0.0
	HP	1363	0	30.8	-4.5	-0.7	140	0.0
	J&K(UT) & Ladakh(UT)	1569	0	33.3	18.8	-2.1	231	0.0
	Chandigarh	270	0	5.6	5.4	0.2	28	0.0
	Chhattisgarh	3276	0	72.5	12.8	-1.3	338	0.0
WR	Gujarat	12315	0	265.2	69.8	1.1	555	0.0
	MP	8318	0	185.6	105.6	-4.2	498	0.0
	Maharashtra	18111	0	385.0	148.5	-3.1	505	0.0
	Goa	418	0	8.8	8.4	-0.2	29	0.0
	DD	298	0	6.5	6.4	0.1	33	0.0
	DNH	718	0	16.5	16.3	0.3	53	0.0
	AMNSIL	747	0	16.3	7.3	-1.4	211	0.0
SR	Andhra Pradesh	7805	0	168.4	56.5	0.7	523	0.0
	Telangana	8835	0	176.6	76.9	-2.8	390	0.0
	Karnataka	9832	0	187.3	70.2	1.5	654	0.0
	Kerala	3538	0	71.3	49.2	0.3	177	0.0
	Tamil Nadu	13904	0	296.9	148.1	-4.6	263	0.0
	Puducherry	360	0	7.6	7.9	-0.3	31	0.0
ER	Bihar	5698	0	103.5	99.5	-2.5	475	0.0
	DVC	2847	0	61.0	-42.2	0.2	210	0.0
	Jharkhand	1387	0	25.9	18.7	-1.1	120	0.0
	Odisha	4529	0	87.3	5.6	-0.2	380	0.0
	West Bengal	6902	0	143.7	44.4	0.1	315	0.0
NER	Sikkim	82	0	1.0	1.2	-0.2	10	0.0
	Arunachal Pradesh	124	1	2.2	1.7	0.5	43	0.0
	Assam	1858	164	35.2	32.2	-0.9	192	2.8
	Manipur	198	1	2.9	2.5	0.4	50	0.0
	Meghalaya	307	0	5.5	0.5	-0.1	79	0.0
	Mizoram	89	1	1.7	1.1	0.5	18	0.0
	Nagaland	130	1	2.4	2.4	-0.3	7	0.0
	Tripura	292	0	5.1	5.7	0.2	33	0.0

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	49.8	-1.8	-25.1
Day Peak (MW)	2078.0	-230.9	-1118.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	343.4	-319.9	111.9	-139.0	3.5	0.0
Actual(MU)	350.9	-338.6	111.6	-139.1	4.4	-10.9
O/D/U/D(MU)	7.4	-18.7	-0.3	-0.1	0.9	-10.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL
Central Sector	6752	15723	8702	2155	610	33942
State Sector	13389	26190	12252	5992	11	57834
Total	20141	41913	20954	8147	621	91776

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	468	1010	373	444	7	2302
Lignite	25	8	30	0	0	63
Hvdro	344	96	128	143	23	735
Nuclear	27	32	61	0	0	120
Gas, Naptha & Diesel	31	50	15	0	26	121
RES (Wind, Solar, Biomass & Others)	65	126	201	4	0	396
Total	960	1322	807	591	56	3737
Share of RES in total generation (%)	6.80	9.51	24.86	0.75	0.18	10.60
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	45.43	19.25	48.18	24.95	41.65	33.46

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.047
Based on State Max Demands	1.081

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

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

Executive Director-NLDC