



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: 29th Jul 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., डोंगतिह, 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 28.07.2020.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28-जुलाई-2020 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें 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 28th July 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: 29-Jul-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)	61544	45004	36811	20986	2692	167037
Peak Shortage (MW)	454	0	0	0	101	555
Energy Met (MU)	1450	1089	897	445	51	3931
Hydro Gen (MU)	352	28	102	131	31	643
Wind Gen (MU)	48	75	92	-	-	215
Solar Gen (MU)*	45.07	24.40	64.53	4.25	0.02	138
Energy Shortage (MU)	9.9	0.0	0.0	0.0	2.1	12.0
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	65510	47244	42503	20919	2774	169216
Time Of Maximum Demand Met (From NLDC SCADA)	23:06	15:58	09:50	00:00	19:11	12:34

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	0.037	0.00	0.93	8.46	9.39	81.78	8.83

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	12782	0	292.2	154.5	-1.2	31	0.0
	Haryana	9855	0	216.7	183.6	0.2	307	0.1
	Rajasthan	12255	0	266.5	80.8	-1.4	282	0.0
	Delhi	6101	0	117.5	102.2	-0.9	142	0.0
	UP	22039	0	443.9	217.3	-3.8	212	0.0
	Uttarakhand	1826	0	39.8	20.6	0.5	183	0.0
	HP	1330	0	25.3	-5.8	-0.9	171	0.0
	J&K(UT) & Ladakh(UT)	2260	565	41.2	18.5	-0.4	330	9.8
	Chandigarh	360	0	6.6	6.6	0.0	37	0.0
	Chhattisgarh	4382	0	102.4	46.4	-0.5	230	0.0
WR	Gujarat	14329	0	320.8	84.2	2.6	551	0.0
	MP	10169	0	231.9	133.0	-0.8	240	0.0
	Maharashtra	17653	0	385.9	133.3	-2.5	516	0.0
	Goa	421	0	8.8	8.9	-0.3	35	0.0
	DD	252	0	5.4	5.4	0.0	25	0.0
	DNH	640	0	14.3	14.3	0.0	91	0.0
	AMNSIL	851	0	19.4	7.5	0.3	289	0.0
	Andhra Pradesh	8296	0	167.2	75.5	6.0	1504	0.0
SR	Telangana	11177	0	211.9	108.3	1.1	1154	0.0
	Karnataka	8565	0	165.1	59.7	1.8	488	0.0
	Kerala	3135	0	66.0	44.7	0.8	189	0.0
	Tamil Nadu	12598	0	279.2	118.3	-5.9	581	0.0
	Puducherry	349	0	7.6	7.9	-0.4	26	0.0
ER	Bihar	5563	0	99.4	100.8	-1.8	396	0.0
	DVC	2835	0	63.0	-35.1	-0.2	238	0.0
	Jharkhand	1361	0	27.1	22.8	-0.8	147	0.0
	Odisha	4214	0	87.6	1.2	0.0	335	0.0
	West Bengal	7912	0	167.1	49.7	-0.4	520	0.0
NER	Sikkim	82	0	0.9	1.1	-0.2	7	0.0
	Arunachal Pradesh	103	0	2.1	1.8	0.3	22	0.0
	Assam	1780	61	32.1	27.4	0.1	104	2.0
	Manipur	197	2	2.6	2.6	0.1	30	0.0
	Meghalaya	290	0	5.2	0.4	-0.5	30	0.0
	Mizoram	94	0	1.7	1.3	0.2	12	0.0
	Nagaland	124	0	2.4	2.3	-0.1	16	0.0
	Tripura	268	1	4.6	6.2	-0.3	46	0.0

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	50.4	-2.3	-25.8
Day Peak (MW)	2149.0	-201.9	-1105.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	348.5	-318.2	114.4	-139.4	-5.3	0.0
Actual(MU)	346.9	-322.1	122.5	-149.5	-7.0	-9.3
O/D/U/D(MU)	-1.7	-3.9	8.1	-10.1	-1.7	-9.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL
Central Sector	3959	13677	11122	1545	707	31009
State Sector	7864	23209	14170	5982	47	51272
Total	11823	36886	25292	7527	753	82281

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	584	1155	422	500	8	2669
Lignite	19	16	24	0	0	59
Hvdro	352	28	102	131	31	643
Nuclear	26	33	24	0	0	83
Gas, Naptha & Diesel	38	77	14	0	26	155
RES (Wind, Solar, Biomass & Others)	113	119	195	4	0	432
Total	1132	1428	781	636	64	4041
Share of RES in total generation (%)	10.02	8.35	24.94	0.68	0.03	10.69
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	43.42	12.60	41.07	21.28	47.90	28.67

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.058
Based on State Max Demands	1.102

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