National Load Despatch Centre
राष्ट्रीय भार प्रेषण केंद्र
POWER SYSTEM OPERATION CORPORATION LIMITED
पॉवर 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 Nov 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., डोंगतिएह, 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 27.11.2020.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27-नवंबर-2020 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर उप्लब्ध 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 November 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-Nov-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 19:00 hrs; from RLDCs)	45629	49679	35095	16414	2477	149294
Peak Shortage (MW)	60	0	0	0	33	93
Energy Met (MU)	904	1176	754	344	43	3221
Hydro Gen (MU)	111	28	88	45	13	284
Wind Gen (MU)	28	168	45	-	-	242
Solar Gen (MU)*	34.98	27.02	45.89	4.21	0.07	112
Energy Shortage (MU)	0.86	0.00	0.00	0.00	0.44	1.30
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	48213	56029	39106	17633	2563	157287
Time Of Maximum Demand Met (From NLDC SCADA)	09:54	09:20	18:26	18:01	17:30	09:45

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	0.032	0.01	0.87	2.58	3.46	75.94	20.60

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	5814	0	113.6	64.0	-1.3	136	0.00
	Haryana	6080	0	122.7	110.9	0.5	205	0.00
	Rajasthan	12757	0	231.9	59.0	-3.5	365	0.00
	Delhi	3701	0	63.4	46.0	0.2	208	0.00
	UP	14226	0	250.8	100.2	-1.9	394	0.00
	Uttarakhand	1983	0	37.1	28.8	0.4	140	0.00
	HP	1737	0	29.6	23.7	-0.8	123	0.86
	J&K(UT) & Ladakh(UT)	2589	0	51.6	45.3	-0.5	345	0.00
	Chandigarh	201	0	3.3	3.6	-0.3	17	0.00
WR	Chhattisgarh	3294	0	70.0	15.5	0.0	251	0.00
	Gujarat	15922	0	333.4	39.3	-0.3	556	0.00
	MP	14381	0	276.2	162.2	-3.8	651	0.00
	Maharashtra	21547	0	443.7	141.2	-2.0	674	0.00
	Goa	494	0	10.2	9.8	0.0	31	0.00
	DD	342	0	7.5	7.3	0.2	26	0.00
	DNH	764	0	17.2	17.3	-0.1	42	0.00
	AMNSIL	816	0	18.1	1.2	0.5	30	0.00
SR	Andhra Pradesh	6286	0	116.6	43.1	-0.2	358	0.00
	Telangana	6556	0	128.8	47.6	-1.0	385	0.00
	Karnataka	10465	0	186.4	63.5	1.6	745	0.00
	Kerala	3604	0	72.2	51.5	0.9	219	0.00
	Tamil Nadu	12162	0	243.9	156.1	0.0	370	0.00
	Puducherry	320	0	6.2	6.7	-0.4	97	0.00
ER	Bihar	4343	0	75.1	75.3	-0.9	292	0.00
	DVC	3044	0	64.8	-45.4	0.2	280	0.00
	Jharkhand	1348	0	25.8	18.9	-1.7	78	0.00
	Odisha	3677	0	67.6	7.9	-0.1	415	0.00
	West Bengal	6053	0	109.0	25.6	1.1	368	0.00
	Sikkim	102	0	1.6	1.7	-0.1	29	0.00
NER	Arunachal Pradesh	118	2	2.0	2.0	0.0	34	0.01
	Assam	1441	39	24.3	20.5	0.6	130	0.40
	Manipur	221	2	3.0	3.0	0.0	40	0.01
	Meghalaya	358	0	6.3	3.1	0.3	58	0.00
	Mizoram	101	1	1.7	1.3	0.0	47	0.01
	Nagaland	130	2	2.1	1.7	0.2	21	0.01
	Tripura	221	0	3.5	2.6	-0.3	15	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	10.7	-4.4	-11.9
Day Peak (MW)	496.0	-364.6	-522.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	273.6	-306.5	121.1	-88.4	0.2	0.0
Actual(MU)	249.4	-296.7	126.8	-87.5	2.5	-5.6
O/D/U/D(MU)	-24.3	9.8	5.7	0.9	2.3	-5.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL
Central Sector	7010	13075	11572	3465	659	35780
State Sector	16271	15596	13997	5932	11	51806
Total	23281	28670	25569	9397	670	87587

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	410	1183	328	396	7	2323
Lignite	20	11	26	0	0	57
Hydro	111	28	88	45	13	285
Nuclear	28	33	61	0	0	122
Gas, Naptha & Diesel	21	44	13	0	25	102
RES (Wind, Solar, Biomass & Others)	84	196	124	4	0	408
Total	673	1494	640	445	45	3296
Share of RES in total generation (%)	12.45	13.12	19.35	0.95	0.16	12.37
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	33.07	17.21	42.59	10.95	29.38	24.69

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.040
Based on State Max Demands	1.063

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