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: 26th Jan 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 25.01.2020.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-जनवरी-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 25th Jan 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** **26-Jan-20**

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)	47883	49655	41165	18286	2449	159438
Peak Shortage (MW)	572	0	0	0	29	601
Energy Met (MU)	972	1185	1006	362	43	3567
Hydro Gen (MU)	132	49	93	34	5	314
Wind Gen (MU)	4	15	30	----------	----------	49
Solar Gen (MU)*	35.97	23.90	89.48	1.52	0.04	151
Energy Shortage (MU)	13.5	0.0	0.0	0.0	0.6	14.1
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	48880 09:32	56647 10:27	47195 07:43	18554 18:52	2543 17:53	170770 09:35

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	0.039	0.00	0.32	9.66	9.99	76.46	13.55

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	5880	0	114.3	53.2	-0.7	182	0.0
	Haryana	6668	0	130.9	91.1	0.1	184	0.0
	Rajasthan	13886	0	245.5	73.3	-0.1	473	0.0
	Delhi	4267	0	71.4	56.0	-1.4	250	0.0
	UP	16474	0	284.6	119.0	1.6	720	1.4
	Uttarakhand	2104	0	39.9	23.5	-0.2	108	0.0
	HP	1687	0	30.1	23.8	-0.8	230	0.0
	J&K(UT) and Ladakh(UT)	2533	633	50.9	42.8	-0.8	305	12.1
	Chandigarh	245	0	4.1	4.0	0.1	26	0.0
WR	Chhattisgarh	3828	0	83.7	39.0	0.7	201	0.0
	Gujarat	15883	0	339.1	92.1	3.1	537	0.0
	MP	14260	0	255.7	148.4	-2.8	524	0.0
	Maharashtra	22550	0	464.7	149.5	-1.0	800	0.0
	Goa	497	0	10.0	10.3	-0.3	24	0.0
	DD	328	0	7.4	7.0	0.4	54	0.0
	DNH	799	0	18.7	18.8	-0.1	64	0.0
	Essar steel	749	0	5.2	5.5	-0.3	224	0.0
SR	Andhra Pradesh	9052	0	183.0	68.6	-0.4	451	0.0
	Telangana	10957	0	213.6	103.2	-0.5	689	0.0
	Karnataka	12204	0	228.6	61.7	-1.4	730	0.0
	Kerala	3541	0	74.0	57.9	1.3	208	0.0
	Tamil Nadu	14248	0	299.5	159.8	1.4	610	0.0
	Pondy	343	0	7.3	7.3	0.0	38	0.0
ER	Bihar	4476	0	78.7	77.0	0.1	270	0.0
	DVC	3059	0	64.7	-37.5	-0.9	255	0.0
	Jharkhand	1304	0	26.4	16.6	0.5	180	0.0
	Odisha	3774	0	70.4	7.9	0.9	347	0.0
	West Bengal	6188	0	119.1	27.0	-0.7	185	0.0
	Sikkim	189	0	2.8	1.8	1.0	100	0.0
NER	Arunachal Pradesh	123	1	2.1	2.0	0.0	45	0.0
	Assam	1355	19	23.2	19.8	0.7	89	0.3
	Manipur	220	2	2.7	3.1	-0.4	35	0.0
	Meghalaya	390	0	6.7	5.7	-0.3	35	0.3
	Mizoram	103	1	2.0	1.6	0.0	17	0.0
	Nagaland	127	2	2.3	2.1	0.1	31	0.0
	Tripura	218	3	3.4	3.5	0.0	51	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.3	-9.5	-9.0
Day peak (MW)	391.0	-517.5	-761.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	223.7	-223.7	103.0	-111.4	7.9	-0.5
Actual(MU)	208.9	-230.0	121.6	-114.8	9.6	-4.6
O/D/U/D(MU)	-14.8	-6.3	18.6	-3.4	1.7	-4.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5411	16848	6722	1360	613	30954
State Sector	11365	15784	7200	4550	112	39011
Total	16776	32632	13922	5910	726	69965

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	501	1189	523	468	11	2692
Lignite	23	15	52	0	0	89
Hydro	132	49	93	34	5	314
Nuclear	24	33	40	0	0	97
Gas, Naptha & Diesel	30	42	18	0	21	111
RES (Wind, Solar, Biomass & Others)	70	45	161	2	0	277
Total	780	1373	887	503	37	3581

Share of RES in total generation (%)	8.94	3.26	18.19	0.31	0.11	7.75
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	29.01	9.22	33.17	7.05	14.29	19.21

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.018
Based on State Max Demands	1.080

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.

कार्यपालक निदेशक (रा० भा० प्रे० के०)