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: 27th Feb 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 26.02.2020.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-फरवरी-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 26th Feb 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** **27-Feb-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)	45004	49481	44973	15896	2184	157538
Peak Shortage (MW)	610	0	0	0	183	793
Energy Met (MU)	933	1209	1117	336	37	3632
Hydro Gen (MU)	138	42	102	28	5	315
Wind Gen (MU)	2	31	42	----------	----------	75
Solar Gen (MU)*	36.99	28.50	93.29	1.32	0.01	160
Energy Shortage (MU)	10.6	0.0	0.0	0.0	1.7	12.3
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	46248 08:39	57153 11:01	51755 09:44	17565 19:00	2238 18:02	171063 09:27

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	0.043	0.00	0.89	6.92	7.81	71.35	20.83

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	6256	0	124.9	79.0	-3.2	146	0.0
	Haryana	6162	0	124.8	89.7	0.8	175	0.0
	Rajasthan	13965	0	245.1	78.8	-1.8	263	0.0
	Delhi	3563	0	63.8	46.8	-0.2	256	0.0
	UP	13815	0	257.7	107.4	0.3	865	1.3
	Uttarakhand	1884	0	35.6	16.9	0.3	116	0.0
	HP	1650	0	29.2	21.8	0.3	135	0.0
	J&K(UT) and Ladakh(UT)	2441	610	48.3	40.6	-1.2	229	9.3
	Chandigarh	219	0	3.5	3.3	0.2	30	0.0
WR	Chhattisgarh	3501	0	77.2	30.0	-1.2	205	0.0
	Gujarat	15700	0	347.2	120.7	-8.3	466	0.0
	MP	13234	0	250.4	128.3	-2.5	602	0.0
	Maharashtra	23599	0	491.4	150.6	-0.7	1080	0.0
	Goa	513	0	10.8	10.5	-0.2	30	0.0
	DD	318	0	7.3	7.0	0.3	35	0.0
	DNH	811	0	18.9	19.0	-0.1	36	0.0
	Essar steel	773	0	5.6	5.7	-0.1	259	0.0
SR	Andhra Pradesh	9914	0	201.2	77.5	1.1	580	0.0
	Telangana	12963	0	253.3	140.2	0.0	659	0.0
	Karnataka	12596	0	249.6	82.8	-0.5	548	0.0
	Kerala	3870	0	79.7	61.9	1.4	306	0.0
	Tamil Nadu	14863	0	325.6	171.8	0.8	488	0.0
	Pondy	390	0	8.0	8.2	-0.2	32	0.0
ER	Bihar	3847	0	63.8	63.5	-0.7	500	0.0
	DVC	3020	0	62.9	-37.0	0.0	300	0.0
	Jharkhand	1204	0	22.1	13.7	-1.1	175	0.0
	Odisha	3791	0	70.0	1.3	-0.5	265	0.0
	West Bengal	6497	0	115.4	25.2	-1.2	485	0.0
	Sikkim	113	0	1.7	1.7	-0.1	30	0.0
NER	Arunachal Pradesh	120	1	2.2	2.1	-0.1	22	0.0
	Assam	1210	100	19.2	16.0	-0.5	99	1.3
	Manipur	196	2	2.5	3.0	-0.5	31	0.0
	Meghalaya	343	0	5.9	4.5	0.2	54	0.2
	Mizoram	105	2	1.7	1.5	0.0	41	0.0
	Nagaland	125	1	2.3	1.9	0.2	32	0.1
	Tripura	235	1	3.3	1.7	-0.4	34	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.5	-8.3	-14.4
Day peak (MW)	508.8	-466.0	-955.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	216.3	-264.4	150.8	-114.4	11.8	0.1
Actual(MU)	207.2	-271.2	176.0	-124.2	10.1	-2.0
O/D/U/D(MU)	-9.1	-6.8	25.2	-9.8	-1.6	-2.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5581	13185	5752	1430	1090	27038
State Sector	14370	12564	7635	4630	11	39210
Total	19951	25748	13387	6060	1101	66247

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	469	1280	563	465	12	2789
Lignite	26	9	52	0	0	88
Hydro	138	42	102	28	5	315
Nuclear	19	37	45	0	0	100
Gas, Naptha & Diesel	31	62	17	0	15	126
RES (Wind, Solar, Biomass & Others)	65	67	169	1	0	302
Total	749	1497	948	494	32	3719

Share of RES in total generation (%)	8.72	4.47	17.81	0.28	0.03	8.13
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	29.68	9.73	33.29	5.86	14.79	19.28

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.023
Based on State Max Demands	1.074

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)