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: 04rd Nov 2019

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 03.11.2019.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03-नवम्बर-2019 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 03nd Nov 2019, 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** **4-Nov-19**

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)	40211	40923	33829	18809	2316	136088
Peak Shortage (MW)	508	0	0	0	87	595
Energy Met (MU)	836	917	756	364	43	2916
Hydro Gen (MU)	139	51	158	69	13	430
Wind Gen (MU)	3	11	11	----------	----------	25
Solar Gen (MU)*	16.04	15.3	69.96	1.55	0.05	103
Energy Shortage (MU)	14.5	0.0	0.0	0.0	0.6	15.1
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	42882	43127	37245	19286	2512	144647
	18:45	18:36	18:34	18:53	17:34	18:35

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	0.029	0.00	0.13	3.48	3.61	80.30	16.09

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	4628	0	98.8	46.7	-1.6	31	0.0
	Haryana	5060	0	104.3	94.0	-0.1	136	0.0
	Rajasthan	9891	0	202.4	68.6	-2.1	382	0.0
	Delhi	3099	0	61.2	45.4	-0.5	162	0.0
	UP	14001	0	268.8	115.3	0.6	983	4.4
	Uttarakhand	1540	0	30.3	19.2	0.3	218	0.0
	HP	1327	0	24.9	15.4	-0.3	169	0.0
	J&K	2164	541	42.2	36.7	-2.0	257	10.0
	Chandigarh	171	0	3.1	3.2	0.0	16	0.0
WR	Chhattisgarh	3351	0	74.4	25.9	1.5	339	0.0
	Gujarat	11678	0	261.9	65.4	4.0	521	0.0
	MP	8620	0	181.7	135.8	-1.5	347	0.0
	Maharashtra	16482	0	357.5	124.2	-0.9	1195	0.0
	Goa	541	0	12.3	10.3	1.4	55	0.0
	DD	276	0	6.4	6.0	0.4	30	0.0
	DNH	724	0	17.2	17.3	-0.1	33	0.0
	Essar steel	309	0	5.7	6.5	-0.8	300	0.0
SR	Andhra Pradesh	7137	0	157.5	62.7	-0.5	408	0.0
	Telangana	7040	0	147.6	39.3	-1.3	360	0.0
	Karnataka	7198	0	141.7	31.7	0.1	595	0.0
	Kerala	2947	0	60.3	46.0	0.8	182	0.0
	Tamil Nadu	11106	0	243.0	129.0	-0.3	452	0.0
	Pondy	300	0	6.3	6.6	-0.4	29	0.0
ER	Bihar	4444	0	77.9	78.4	-0.9	190	0.0
	DVC	2860	0	60.4	-18.2	0.3	150	0.0
	Jharkhand	1249	0	23.6	15.8	-1.3	70	0.0
	Odisha	4244	0	84.0	7.8	0.4	280	0.0
	West Bengal	6577	0	116.8	43.4	1.1	250	0.0
	Sikkim	98	0	1.1	1.5	-0.4	22	0.0
NER	Arunachal Pradesh	116	1	1.9	1.7	0.0	29	0.0
	Assam	1502	79	24.5	18.4	0.1	110	0.6
	Manipur	169	2	2.6	2.4	0.3	17	0.0
	Meghalaya	321	0	5.9	3.1	0.0	35	0.0
	Mizoram	95	1	1.7	1.1	0.3	5	0.0
	Nagaland	115	1	2.3	2.0	-0.1	7	0.0
	Tripura	251	5	4.1	3.2	-0.4	51	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	15.0	-0.1	-19.2
Day peak (MW)	761.5	-29.4	-854.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	190.6	-201.4	71.5	-62.7	0.4	-1.6
Actual(MU)	184.9	-193.6	76.5	-69.5	-0.5	-2.3
O/D/U/D(MU)	-5.8	7.8	5.0	-6.9	-0.9	-0.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4347	18898	11372	1565	563	36745
State Sector	12936	21860	11723	6230	19	52768
Total	17283	40757	23095	7795	583	89513

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	442	974	297	375	10	2097
Lignite	16	14	44	0	0	74
Hydro	139	51	158	69	13	430
Nuclear	28	23	60	0	0	111
Gas, Naptha & Diesel	24	32	16	0	25	96
RES (Wind, Solar, Biomass & Others)	26	30	110	2	0	168
Total	675	1124	684	446	47	2976
Share of RES in total generation (%)	3.90	2.65	16.14	0.36	0.11	5.65
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	28.60	9.31	47.95	15.89	26.98	23.83

H. Diversity Factor

All India Demand Diversity Factor	1.003

Diversity factor = Sum of regional 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 (रा॰ भा॰ प्रे॰ के॰)