



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: 26th Sept 2018

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, 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 25.09.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-सितंबर-2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 25th September 2018, 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-Sep-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs: from RLDCs)	43958	51197	43501	20524	2520	161700
Peak Shortage (MW)	623	0	355	770	171	1919
Energy Met (MU)	915	1106	978	450	46	3497
Hydro Gen (MU)	299	62	102	118	28	608
Wind Gen (MU)	15	44	17	-----	-----	77
Solar Gen (MU)*	20.39	19.15	56.46	0.95	0.02	97
Energy Shortage (MU)	10.6	0.4	0.6	2.3	2.0	15.9
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	44815 19:23	54107 17:21	43548 19:04	21517 22:52	2624 18:26	163364 19:04

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	0.045	0.00	0.47	12.87	13.34	76.78	9.87

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	4904	0	112.2	59.2	-0.6	175	0.0	
	Haryana	6181	0	110.5	100.4	-0.2	258	0.0	
	Rajasthan	8789	0	192.1	35.7	2.7	453	0.0	
	Delhi	3965	8	81.0	62.9	-1.4	195	0.8	
	UP	15732	140	314.8	146.5	-0.1	429	0.0	
	Uttarakhand	1737	80	34.6	16.4	1.6	327	0.2	
	HP	1297	0	25.6	5.2	-0.5	71	0.0	
	J&K	1898	475	40.9	22.8	-4.0	108	9.6	
	Chandigarh	201	0	3.8	4.3	-0.5	15	0.0	
	WR	Chhattisgarh	4176	0	94.4	25.8	0.8	336	0.4
Gujarat		16499	0	376.8	116.0	2.4	429	0.0	
MP		8878	0	189.8	81.8	1.9	659	0.0	
Maharashtra		22296	0	485.2	166.9	4.5	1020	0.0	
Goa		460	0	12.9	9.5	0.3	47	0.0	
DD		324	0	7.4	6.1	1.3	87	0.0	
DNH		798	0	18.7	18.1	0.7	123	0.0	
Essar steel		545	0	11.2	11.0	0.3	296	0.0	
SR		Andhra Pradesh	8439	0	178.1	46.9	4.9	725	0.0
		Telangana	10059	0	218.4	108.0	3.0	641	0.0
	Karnataka	8999	0	192.0	45.3	0.2	437	0.0	
	Kerala	3603	120	70.6	43.5	0.7	211	0.5	
	Tamil Nadu	14624	0	312.6	177.7	-1.1	450	0.0	
	Pondy	342	20	6.8	7.0	-0.2	36	0.1	
	ER	Bihar	5304	-1	97.6	97.1	0.0	50	1.2
		DVC	2925	-1	59.9	-20.9	5.7	450	1.1
		Jharkhand	1013	0	24.6	17.4	0.1	100	0.0
		Odisha	4539	0	96.1	31.2	1.9	250	0.0
West Bengal		8582	0	170.8	72.2	3.6	300	0.0	
NER	Sikkim	93	0	1.1	1.3	-0.1	10	0.0	
	Arunachal Pradesh	104	7	2.4	3.2	-0.9	6	0.0	
	Assam	1688	60	27.8	22.3	0.0	227	1.8	
	Manipur	134	1	2.3	2.8	-0.4	37	0.0	
	Meghalaya	278	3	5.1	2.2	-0.3	89	0.0	
	Mizoram	68	3	1.7	1.3	0.0	10	0.0	
	Nagaland	121	4	2.4	2.0	0.0	19	0.0	
	Tripura	239	3	4.7	4.3	-0.5	34	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	27.0	-4.8	-20.9
Day peak (MW)	1609.6	216.0	-950.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	88.2	-162.8	92.4	-18.0	0.3	0.0
Actual(MU)	67.4	-177.0	104.4	4.1	-4.7	-5.8
O/D/U/D(MU)	-20.8	-14.2	12.1	22.1	-5.0	-5.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3870	14936	6442	1350	368	26966
State Sector	12860	12988	5840	6515	50	38253
Total	16730	27924	12282	7865	418	65219

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Thermal (Coal & Lignite)	474	1078	630	365	4	2551
Hydro	299	62	102	118	28	608
Nuclear	23	27	19	0	0	70
Gas, Naptha & Diesel	31	52	25	0	22	130
RES (Wind, Solar, Biomass & Others)	55	64	111	1	0	231
Total	882	1283	887	484	54	3590

Share of RES in total generation (%)	6.27	5.00	12.46	0.24	0.07	6.44
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	42.82	11.93	26.13	24.55	50.98	25.31

H. Diversity Factor

All India Demand Diversity Factor	1.020
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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.