



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: 10th June 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. मुख्य महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतेह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
Chief General Manager, 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 10.06.2019.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10-जून-2019 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 10th June 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

10-Jun-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 2000 hrs; from RLDCs)	54835	47063	37481	20255	2602	162236
Peak Shortage (MW)	872	0	0	0	26	898
Energy Met (MU)	1322	1200	905	467	48	3943
Hydro Gen (MU)	331	12	36	94	18	491
Wind Gen (MU)	14	78	72	-----	-----	163
Solar Gen (MU)*	29.19	23.11	81.29	2.02	0.03	136
Energy Shortage (MU)	15.4	0.0	0.0	0.0	0.6	16.0
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	60760 23:10	53397 00:44	39028 22:45	22060 23:12	2612 19:45	175068 23:12

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	0.047	0.00	0.97	10.19	11.16	77.58	11.26

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	8424	0	188.4	105.8	-1.2	36	0.0
	Haryana	8847	0	179.9	123.4	-0.4	111	0.0
	Rajasthan	11870	0	264.9	80.3	-0.4	615	0.0
	Delhi	6293	0	123.8	105.2	-0.9	225	0.4
	UP	20616	360	443.4	193.9	1.7	752	4.1
	Uttarakhand	1953	0	42.7	18.3	0.7	122	0.0
	HP	1223	0	26.8	1.1	-0.2	66	0.0
	J&K	2181	545	46.0	22.8	-0.7	196	10.9
WR	Chhattisgarh	284	0	6.1	6.3	-0.1	0	0.0
	Gujarat	3882	0	90.0	33.5	-1.8	224	0.0
	MP	17525	0	387.1	114.8	7.0	568	0.0
	Maharashtra	9642	0	219.9	118.7	0.0	449	0.0
	Goa	20832	0	461.6	122.2	-4.1	503	0.0
	DD	541	0	11.9	9.9	1.4	119	0.0
	DNH	322	0	7.4	7.1	0.3	27	0.0
	Essar steel	733	0	17.1	17.5	-0.4	13	0.0
SR	Andhra Pradesh	288	0	5.5	5.7	-0.1	267	0.0
	Telangana	9355	0	189.7	54.1	-1.4	453	0.0
	Karnataka	7183	0	156.0	68.2	0.2	541	0.0
	Kerala	8611	0	173.7	53.6	-1.7	446	0.0
	Tamil Nadu	3054	0	65.8	52.0	0.8	254	0.0
	Pondy	13782	0	312.0	136.8	0.0	698	0.0
		399	0	8.2	8.5	-0.3	45	0.0
ER	Bihar	5156	0	105.8	102.1	-1.0	50	0.0
	DVC	3029	0	66.6	-49.3	2.1	200	0.0
	Jharkhand	1297	0	27.0	23.1	-0.3	100	0.0
	Odisha	4542	0	91.6	28.4	2.7	600	0.0
	West Bengal	8909	0	174.5	41.0	6.6	500	0.0
	Sikkim	78	0	1.0	1.1	-0.1	40	0.0
NER	Arunachal Pradesh	141	0	2.2	2.3	-0.1	27	0.0
	Assam	1629	12	29.3	23.5	0.5	122	0.5
	Manipur	147	1	2.2	2.3	0.0	17	0.0
	Meghalaya	321	0	6.0	1.8	-0.3	36	0.0
	Mizoram	80	1	1.6	1.4	0.1	24	0.0
	Nagaland	128	2	2.3	2.3	-0.1	20	0.0
	Tripura	274	0	4.6	3.9	-0.4	46	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.5	-8.2	-25.7
Day peak (MW)	704.6	-501.0	-1120.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	236.5	-239.8	70.0	-66.0	-0.8	0.0
Actual(MU)	229.3	-248.4	67.4	-55.1	-2.4	-9.1
O/D/U/D(MU)	-7.3	-8.6	-2.6	10.9	-1.6	-9.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3464	14619	7432	2175	306	27996
State Sector	5760	11612	6150	2280	50	25852
Total	9224	26231	13582	4455	356	53847

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	642	1256	507	464	9	2879
Lignite	20	17	36	0	0	73
Hydro	331	12	36	94	18	491
Nuclear	27	30	56	0	0	113
Gas, Naptha & Diesel	37	42	15	0	29	123
RES (Wind, Solar, Biomass & Others)	58	108	191	2	0	359
Total	1116	1464	841	561	56	4038

Share of RES in total generation (%)	5.19	7.38	22.71	0.37	0.05	8.89
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	37.31	10.23	33.59	17.21	32.32	23.85

H. Diversity Factor

All India Demand Diversity Factor	1.016
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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.