

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.3431
ANSWERED ON 12.03.2026**

POWER GENERATION CAPACITY

†3431. SHRI ASHOK KUMAR RAWAT:

**Will the Minister of POWER
be pleased to state:**

- (a) the quantum of installed power generation capacity in the country at present;**
- (b) whether any assessment has been conducted regarding the share of power generated through various sources such as coal, hydro power, solar, wind and atomic energy and if so, the details thereof;**
- (c) the names of the States from where the highest number of complaints regarding power cuts have been received; and**
- (d) the average daily availability of power supply in rural and urban areas?**

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

- (a) : At present, installed generation capacity in the country is 5,20,511 MW (as on January, 2026) and its source wise details are given at Annexure-I.**
- (b) : The details of electricity generated in the country from various sources including thermal, hydro, nuclear and renewable energy during last five financial years and current financial year (up to January, 2026) are given at Annexure-II.**
- (c) : The State-wise details of 'Energy Requirement' and 'Energy Supplied' for FY 2025-26 (till January, 2026) are given at Annexure-III. These details indicate that Energy Supplied has been commensurate to the Energy Requirement with only a marginal gap which is generally on account of constraints in the State transmission / distribution network.**
- (d) : The average hours of supply in rural and urban areas in the current FY 2025-26 (upto December, 2025) is 22.6 and 23.4 respectively.**

ANNEXURE-I

ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 3431 ANSWERED IN THE LOK SABHA ON 12.03.2026

The details of the country's present installed power capacity, including the percentage-wise share of thermal, hydro, nuclear and renewable/non-fossil energy sources:

Category		Installed Generation Capacity (MW)	% Share in Total
Fossil Fuel	Coal	2,21,210	42.5%
	Lignite	6,620	1.3%
	Gas	20,122	3.9%
	Diesel	589	0.1%
	Total Fossil Fuel:	2,48,542	47.7%
Non-Fossil Fuel	RES (Incl. Hydro)	2,63,189	50.6%
	Hydro	51,165	9.8%
	Wind, Solar & Other RE	2,12,025	40.7%
	<i>Wind</i>	<i>54,650</i>	<i>10.5%</i>
	<i>Solar</i>	<i>1,40,602</i>	<i>27.0%</i>
	<i>BM Power/Cogen.</i>	<i>10,757</i>	<i>2.1%</i>
	<i>Waste to Energy</i>	<i>857</i>	<i>0.2%</i>
	<i>Small Hydro Power</i>	<i>5,159</i>	<i>1.0%</i>
Nuclear	8,780	1.7%	
Total Non-Fossil Fuel:	2,71,969	52.3%	
Total Installed Capacity (Fossil Fuel & Non-Fossil Fuel)		5,20,511	100%

ANNEXURE-II

ANNEXURE REFERRED IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 3431 ANSWERED IN THE LOK SABHA ON 12.03.2026

The details of electricity generated in the country from various sources including thermal, hydro, nuclear and renewable energy during last five financial years and current financial year (up to Jan, 2026):

(All Generation figures are in Million Units (MUs))

Fuel		2020-21	2021-22	2022-23	2023-24	2024-25	2025-26 (upto Jan'26)
THERMAL	COAL	9,50,937.55	10,41,487.43	11,45,907.58	12,60,902.62	12,98,872.29	10,31,882.53
	DIESEL/HSD	126.31	117.24	229.71	400.58	442.65	358.21
	LIGNITE	30,505.68	37,094.04	36,188.34	33,949.79	32,994.77	24,906.72
	MULTI FUEL	0.00	0.00	0.00	0.00	0.00	0.00
	NAPHTHA	101.41	0.00	0.83	0.03	0.00	0.00
	NATURAL GAS	50,842.59	36,015.77	23,884.21	31,295.91	31,580.05	22,764.15
THERMAL Total		10,32,513.54	11,14,714.48	12,06,210.67	13,26,548.93	13,63,889.76	10,79,911.61
NUCLEAR		43,029.08	47,112.06	45,861.09	47,937.41	56,680.83	45,193.67
TOTAL [Conventional]		10,75,542.62	11,61,826.54	12,52,071.76	13,74,486.34	14,20,570.59	11,25,105.28
RES (excluding Large Hydro)	WIND	60,149.95	68,640.07	71,814.16	83,385.35	83,347.19	95,586.95
	SOLAR	60,402.26	73,483.94	1,02,014.24	1,15,975.11	1,44,150.23	1,38,386.93
	BIOMASS	3,512.98	3,482.70	3,161.32	3,417.19	3,738.67	3,377.60
	BAGASSE	11,302.85	12,573.88	12,863.16	10,825.59	9,335.32	7,635.91
	SMALL HYDRO	10,258.41	10,463.55	11,170.62	9,485.04	11,568.04	10,885.08
	OTHERS	1,621.06	2,268.17	2,529.18	2,746.55	2,869.73	2,453.59
Large Hydro		1,50,299.52	1,51,627.33	1,62,098.77	1,34,053.92	1,48,633.98	1,50,039.12
TOTAL [Renewable]		2,97,547.03	3,22,539.63	3,65,651.45	3,59,888.75	4,03,643.16	4,08,365.18
Bhutan Imp		8,765.50	7,493.20	6,742.40	4,716.10	5,484.18	7,765.68
GRAND TOTAL		13,81,855.15	14,91,859.37	16,24,465.61	17,39,091.19	18,29,697.93	15,41,236.14

ANNEXURE-III**ANNEXURE REFERRED IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 3431 ANSWERED IN THE LOK SABHA ON 12.03.2026**

The State-wise detail of energy requirement and energy supplied for FY 2025-26 (till January, 2026):

State / System / Region	April,2025 - January,2026			
	Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)
Chandigarh	1,658	1,658	1	0.0
Delhi	33,809	33,801	8	0.0
Haryana	61,111	61,046	65	0.1
Himachal Pradesh	11,561	11,520	40	0.3
UT of J&K and Ladakh	16,840	16,824	16	0.1
Punjab	65,972	65,913	59	0.1
Rajasthan	93,062	93,062	0	0.0
Uttar Pradesh	1,41,475	1,41,449	26	0.0
Uttarakhand	14,081	14,027	53	0.4
Chhattisgarh	34,968	34,960	8	0.0
Gujarat	1,30,452	1,30,452	0	0.0
Madhya Pradesh	85,679	85,670	9	0.0
Maharashtra	1,66,392	1,66,383	9	0.0
Dadra & Nagar Haveli and Daman & Diu	9,372	9,372	0	0.0
Goa	4,528	4,528	0	0.0
Andhra Pradesh	66,329	66,323	6	0.0
Telangana	69,259	69,252	7	0.0
Karnataka	76,580	76,571	9	0.0
Kerala	25,558	25,556	3	0.0
Tamil Nadu	1,10,000	1,09,990	10	0.0
Puducherry	2,947	2,944	3	0.1
Lakshadweep (#)	60	60	0	0.0
Bihar	40,749	40,735	14	0.0
DVC	20,708	20,704	3	0.0
Jharkhand	13,005	13,000	5	0.0
Odisha	37,290	37,284	6	0.0
West Bengal	61,969	61,906	63	0.1
Sikkim	444	444	0	0.0
Andaman- Nicobar (#)	354	336	18	5.2
Arunachal Pradesh	1,007	1,007	0	0.0
Assam	11,875	11,875	1	0.0
Manipur	978	975	3	0.3
Meghalaya	1,741	1,741	0	0.0
Mizoram	629	629	0	0.0
Nagaland	849	849	0	0.0
Tripura (*)	1,655	1,654	0	0.0
All India	14,27,436	14,27,009	427	0.0
