

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.154
ANSWERED ON 03.02.2025

POWER GENERATION CAPACITY IN ODISHA

154 SHRI MANAS RANJAN MANGARAJ:

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

- (a) the total power generation capacity of the State of Odisha, specifying the sources such as coal, gas, hydro, solar and wind energy; and
- (b) the details of power generation growth in the State of Odisha over the last three years?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a): The total power generation capacity in Odisha as on 31.12.2024 is 12,545.32 MW. The details of the source-wise power generation capacity in the State is given at **Annexure-I**.

(b): Details of source-wise Generation indicating the growth in power generation for the last three years and current year (Upto December, 2024) in the state of Odisha is given at **Annexure-II**.

ANNEXURE-I

ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 154 ANSWERED IN THE RAJYA SABHA ON 03.02.2025

The details of the source-wise power generation capacity in Odisha as on 31.12.2024:

(All figures are in MW)

Sl. No.	Ownership/Sector	Source-wise breakup								Grand Total
		Thermal					Renewable			
		Coal	Lignite	Gas	Diesel	Total	Hydro	RES	Nuclear	
1	STATE SECTOR	1,740.00	0.00	0.00	0.00	1,740.00	2,154.55	26.30	0.00	3,920.85
2	PVT SECTOR	3,260.00	0.00	0.00	0.00	3,260.00	0.00	754.47	0.00	4,014.47
3	CENTRAL SECTOR	4,600.00	0.00	0.00	0.00	4,600.00	0.00	10.00	0.00	4,610.00
Total		9,600.00	0.00	0.00	0.00	9,600.00	2,154.55	790.77	0.00	12,545.32

ANNEXURE-II

ANNEXURE REFERRED IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 154 ANSWERED IN THE RAJYA SABHA ON 03.02.2025

Details of source-wise Generation indicating the growth in power generation for the last three years and current year (Upto December, 2024) in the state of Odisha:

All Generation figures are in Million Units

Fuel	2021-22		2022-23		2023-24		2024-25 (Upto Dec 2024)	
	Generation	% Growth compared to 2020-21	Generation	% Growth Compared to 2021-22	Generation	% Growth Compared to 2022-23	Generation	% Growth Compared to 2023-24 (Upto Dec 2023)
Hydro	5,230.63	-23.75	5,462.81	4.44	6,162.2	12.80	5,123.09	4.61
Thermal (Coal)	60,161.29	8.98	64,874.24	7.83	66,019.81	1.77	51,004.53	4.88
Conventional Total	65,391.92	5.36	70,337.05	7.56	72,182.01	2.62	56,127.62	4.86
Solar	603.71	26.76	706.24	16.98	757.69	7.29	570.94	4.04
Biomass	100.08	134.32	60.95	-39.10	96.07	57.62	49.43	-32.48
Small Hydro	377.32	5.16	424.92	12.62	407.97	-3.99	392.68	12.01
Renewable Total	1,081.10	23.16	1,192.10	10.27	1261.72	5.84	1,013.05	4.16
Grand Total	66,473.02	5.61	71,529.15	7.61	73,443.73	2.68	57,140.67	4.85
