

GOVERNMENT OF INDIA  
MINISTRY OF POWER

**RAJYA SABHA**  
**UNSTARRED QUESTION NO.153**  
**ANSWERED ON 22.07.2024**

**USE OF LIGNITE INSTEAD OF COAL IN POWER GENERATION PLANTS**

**153 # SHRI MADAN RATHORE:**

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

- (a) volume of coal currently being consumed for power generation in the country, the details thereof;
- (b) whether Government has conducted any study to ascertain whether lignite can be used instead of coal in power generation plants and the likely advantages and disadvantages of the same; and
- (c) the States where generation of power had reduced owing to use of lignite instead of coal and the details thereof?

**A N S W E R**

THE MINISTER OF POWER AND HOUSING & URBAN AFFAIRS

(SHRI MANOHAR LAL)

**(a) to (c) :** The details of coal consumption in Coal based thermal power plants during last three years and current year are as under:

**All Figures in Million Tonnes (MT)**

Year	Domestic Coal Based Plants		Imported Coal Based Plants
	Domestic Coal	Imported Coal for Blending	
2021-22	670.7	8.1	18.5
2022-23	723.4	33.1	20.2
2023-24	781.7	24.2	43.8
<b>2024-25 (Apr- June)</b>	<b>213.5</b>	<b>5.8</b>	<b>13.8</b>

The total Lignite based installed thermal capacity is 6620 MW.

Lignite and coal have different physical and chemical properties and the boilers are designed uniquely for them.

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