

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
STARRED QUESTION NO.284
ANSWERED ON 12.03.2026**

PRODUCTION OF ENERGY THROUGH VARIOUS SOURCES

***284. SHRI NALIN SOREN:
SHRI JANARDAN MISHRA:**

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

- (a) the total quantum of energy produced in the country through various sources including thermal, hydro, nuclear and renewable energy during the last five years and the current year, source-wise and State-wise including Jharkhand;**
- (b) whether the energy production capacity in the country is adequate to meet the present and projected demand for electricity and energy consumption in the country;**
- (c) if so, the details thereof including peak/maximum demand and supply position during the said period; and**
- (d) the details of distribution and supply of energy across the country particularly in Chhindwara district of Madhya Pradesh through various sources during the said period?**

A N S W E R

THE MINISTER OF POWER

(SHRI MANOHAR LAL)

(a) to (d) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) IN RESPECT OF LOK SABHA STARRED QUESTION NO.284 FOR REPLY ON 12.03.2026 REGARDING PRODUCTION OF ENERGY THROUGH VARIOUS SOURCES ASKED BY SHRI NALIN SOREN AND SHRI JANARDAN MISHRA.

(a): The details of total quantum of electricity generated in the country from various sources including thermal, hydro, nuclear and renewable energy during the past five (5) financial years and current financial year 2025-26 (upto January, 2026) are given at Annexure-I.

The source and state wise generation data from various sources including thermal, hydro, nuclear and renewable energy including the state of Jharkhand for last five years and current year (upto January, 2026) is attached at Annexure-II.

(b) to (d): There is adequate availability of power in the country to meet the present and projected demand of the electricity. Present installed generation capacity of the country is 520.511 GW. Government of India has addressed the critical issue of power deficiency by adding 296.388 GW of fresh generation capacity since April, 2014 transforming the country from power deficit to power sufficient.

The details of Power Supply Position in terms of peak demand and energy requirement in the Country for the last five financial years and the current FY i.e. 2025-26 (upto January, 2026) are attached 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. Hence there is no impact of shortage on the economy and industrial growth.

The details of Power Supply Position in terms of energy requirement in the state of Madhya Pradesh for the last five financial years and the current FY i.e. 2025-26 (upto January, 2026) are attached at Annexure-IV. Further, the details of total unit supplied in Chhindwara district of Madhya Pradesh during aforesaid period are attached at Annexure-V.

As per midterm review of 20th Electric Power Survey (EPS), the peak electricity demand and energy requirement for FY 2029-30 is anticipated to be 345 GW and 2388 BU respectively and for FY 2031-32, the peak electricity demand and energy requirement is anticipated to be 388 GW and 2703 BU respectively.

The Government has taken the following steps to meet the increasing demand of electricity in the country:

1. Generation and Storage Planning:

- (i) As per National Electricity Plan (NEP), installed generation capacity in 2031-32 is likely to be 874 GW. With a view to ensure generation capacity remains ahead of projected peak demand, all the States, in consultation with CEA, have prepared their “Resource Adequacy Plans (RAPs)”, which are dynamic 10-year rolling plans and includes power generation as well as power procurement planning.**
- (ii) All the States were advised to initiate process for creating/ contracting generation capacities; from all generation sources, as per their Resource Adequacy Plans.**
- (iii) In order to augment the power generation capacity, the Government of India has initiated following capacity addition programme:**

(A) The projected thermal (coal and lignite) capacity requirement by the year 2034–35 is estimated at approximately 3,07,000 MW as against the 2,11,855 MW installed capacity as on 31.03.2023. To meet this requirement, Ministry of Power has envisaged to set up an additional minimum 97,000 MW coal and lignite based thermal capacity.

To meet this requirement, several initiatives have already been undertaken. Thermal capacities of around 18,160 MW have already been commissioned since April 2023 till 31.01.2026. In addition, 38,745 MW of thermal capacity (including 4,845 MW of stressed thermal power projects) is currently under construction. The contracts of 22,920 MW have been awarded and are due for construction. Further, 24,020 MW of coal and lignite-based candidate capacity has been identified which is at various stages of planning in the country.

(B) 12,723.50 MW of Hydro Electric Projects are under construction. Further, 4,274 MW of Hydro Electric Projects are under various stage of planning and targeted to be completed by 2031-32.

(C) 6,600 MW of Nuclear Capacity is under construction and targeted to be completed by 2029-30. 7,000 MW of Nuclear Capacity is under various stages of planning and approval.

(D) 1,57,800 MW Renewable Capacity including 67,280 MW of Solar, 6,500 MW of Wind and 60,040 MW Hybrid power is under construction while 48,720 MW of Renewable Capacity including 35,440 MW of Solar and 11,480 MW

Hybrid Power is at various stages of planning and targeted to be completed by 2029-30.

(E) In energy storage systems, 11,620 MW/69,720 MWh Pumped Storage Projects (PSPs) are under construction. Further, a total of 6,580 MW/39,480 MWh capacity of Pumped Storage Projects (PSPs) are concurred and yet to be taken up for construction. Currently, 9,653.94 MW/ 26,729.32 MWh Battery Energy Storage System (BESS) capacity are under construction and 19,797.65 MW/ 61,013.40 MWh BESS capacity are under tendering stage.

2. Transmission Planning: Inter and Intra-State Transmission System has been planned and implementation of the same is taken up in matching time frame of generation capacity addition. As per the National Electricity Plan, about 1,91,474 ckm of transmission lines and 1,274 GVA of transformation capacity is planned to be added (at 220 kV and above voltage level) during the ten-year period from 2022-23 to 2031-32.

In addition to the above, the Ministry of Power has issued guidelines dated 14.06.2024, 21.03.2025 and 15.12.2025 regarding the payment of compensation for Right of Way (RoW) for transmission lines, wherein the land rate has been linked to the prevailing market rate. These guidelines address the key challenges of RoW arising from landowners demanding higher compensation than the rates determined by the State Government.

3. Promotion of Renewable Energy Generation:

- (i) 100% Inter State Transmission System (ISTS) charges have been waived for inter-state sale of solar and wind power for projects to be commissioned by 30th June 2025 (with waiver tapering off 25% annually till June 2028), for co-located BESS projects commissioned by June 2028, for Hydro PSP projects where construction work awarded by June 2028, for Green Hydrogen Projects commissioned till December 2030 and for offshore wind projects commissioned till December 2032.**
- (ii) Standard Bidding Guidelines for tariff based competitive bidding process for procurement of Power from Grid Connected Solar, Wind, Wind-Solar Hybrid and Firm & Dispatchable RE (FDRE) projects have been issued.**
- (iii) Renewable Energy Implementing Agencies (REIAs) are regularly inviting bids for procurement of RE power.**
- (iv) Foreign Direct Investment (FDI) has been permitted up to 100 percent under the automatic route.**
- (v) To augment transmission infrastructure needed for steep RE trajectory, transmission plan has been prepared till 2032.**

- (vi) Laying of new intrastate transmission lines and creating new sub-station capacity has been supported under the Green Energy Corridor Scheme for evacuation of renewable power.**
- (vii) Scheme for setting up of Solar Parks and Ultra Mega Solar Power projects is being implemented to provide land and transmission to RE developers for installation of RE projects at large scale.**
- (viii) Schemes such as Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), PM Surya Ghar Muft Bijli Yojana, National Programme on High Efficiency Solar PV Modules, New Solar Power Scheme (for Tribal and PVTG Habitations/Villages) under Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan (PM JANMAN) and Dharti Aabha Janjatiya Gram Utkarsh Abhiyan (DA JGUA), National Green Hydrogen Mission, Viability Gap Funding (VGF) Scheme for Offshore Wind Energy Projects have been launched.**
- (ix) To encourage RE consumption, Renewable Purchase Obligation (RPO) followed by Renewable Consumption Obligation (RCO) trajectory has been notified till 2029-30. The RCO which is applicable to all designated consumers under the Energy Conservation Act, 2001 will attract penalties on non-compliance.**
- (x) “Strategy for Establishment of Offshore Wind Energy Projects” has been issued.**
- (xi) Green Term Ahead Market (GTAM) has been launched to facilitate sale of Renewable Energy Power through exchanges.**
- (xii) Production Linked Incentive (PLI) scheme has been launched to achieve the objective of localization of supply chain for solar PV Modules.**

ANNEXURE-I

ANNEXURE REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 284 ANSWERED IN THE LOK SABHA ON 12.03.2026 REGARDING PRODUCTION OF ENERGY THROUGH VARIOUS SOURCES

The source-wise details of total quantum of electricity generated in the country from various sources including thermal, hydro, nuclear and renewable energy during the past five (5) financial years and current financial year 2025-26 (upto January, 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
	NAPTHA	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-II

ANNEXURE REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 284 ANSWERED IN THE LOK SABHA ON 12.03.2026 REGARDING PRODUCTION OF ENERGY THROUGH VARIOUS SOURCES

The source and state wise generation data from various sources including thermal, hydro, nuclear and renewable energy including the state of Jharkhand for 2020-21

(All generation figures are in MUs)

State	THERMAL					Nuclear	Total Conven- tional	Renewable								GRAND TOTAL
	Coal	Diesel / HSD	Lignite	Naptha	Natural Gas			Wind	Solar	Biomass	Bag-asse	Small Hydro	Large Hydro	Others	Total Renewable Energy	
Andaman & Nicobar Islands	0.00	118.48	0.00	0.00	0.00	0.00	118.48	0.00	24.82	0.00	0.00	14.69	0.00	0.00	39.51	157.99
Andhra Pradesh	46,145.71	0.00	0.00	0.00	3,323.24	0.00	49,468.95	6,557.75	6,956.10	135.21	67.66	351.23	3,280.12	65.88	17,413.95	66,882.90
Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54	0.00	0.00	0.55	3,451.34	0.00	3,453.44	3,453.44
Assam	2,976.74	0.00	0.00	0.00	2,721.40	0.00	5,698.14	0.00	13.37	0.00	0.00	38.15	270.87	0.00	322.38	6,020.52
Bihar	33,866.14	0.00	0.00	0.00	0.00	0.00	33,866.14	0.00	160.63	21.30	1.48	43.20	0.00	0.00	226.61	34,092.75
Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.16	0.00	0.00	0.00	0.00	0.00	10.16	10.16
Chhattisgarh	1,34,614.50	0.00	0.00	0.00	0.00	0.00	1,34,614.50	0.00	370.80	1,089.32	28.25	145.52	419.19	0.00	2,053.08	1,36,667.58
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.96	0.00	0.00	0.00	0.00	0.00	11.96	11.96
Daman & Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.52	10.53	0.00	0.00	0.00	0.00	40.04	40.04
Delhi	0.00	0.00	0.00	0.00	5,304.01	0.00	5,304.01	0.00	189.99	0.00	0.00	0.00	0.00	236.71	426.70	5,730.71
Goa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.46	0.00	0.00	0.00	0.00	0.00	1.46	1.46
Gujarat	71,637.55	0.00	5,421.24	0.00	18,877.21	3,712.96	99,648.96	13,058.52	4,633.81	43.15	19.37	211.94	4,233.36	10.61	22,210.75	1,21,859.71
Haryana	13,994.58	0.00	0.00	0.00	901.80	0.00	14,896.38	0.00	162.95	178.88	142.34	276.58	0.00	0.00	760.75	15,657.13
Himachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.52	0.00	0.00	2,123.78	37,473.47	0.00	39,633.77	39,633.77
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.42	0.00	0.00	429.88	17,002.68	0.00	17,441.97	17,441.97

Jharkhand	27,219.97	0.00	0.00	0.00	0.00	0.00	27,219.97	0.00	17.16	0.00	0.00	9.31	223.09	0.00	249.56	27,469.53
Karnataka	19,861.24	0.00	0.00	0.00	0.00	7,093.92	26,955.16	9,610.91	13,238.86	211.79	2,589.09	2,199.68	12,587.35	0.00	40,437.68	67,392.84
Kerala	0.00	7.83	0.00	101.41	0.00	0.00	109.24	130.42	275.44	0.00	45.68	640.58	6,628.39	0.01	7,720.51	7,829.75
Ladakh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376.21	0.00	376.21	376.21
Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.45	0.45
Madhya Pradesh	1,23,089.78	0.00	0.00	0.00	0.00	0.00	1,23,089.78	3,913.45	4,202.03	0.48	82.57	281.76	6,477.33	37.57	14,995.19	1,38,084.97
Maharashtra	98,173.83	0.00	0.00	0.00	5,963.43	7,886.62	1,12,023.88	6,384.74	3,089.46	328.23	3,627.43	802.71	5,548.46	0.10	19,781.13	1,31,805.01
Manipur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.71	0.00	0.00	0.00	621.62	0.00	629.33	629.33
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.79	1,151.99	0.00	1,208.78	1,208.78
Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.45	0.00	0.00	31.07	158.85	0.00	192.37	192.37
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.77	203.86	0.00	273.63	273.63
Orissa	55,206.47	0.00	0.00	0.00	0.00	0.00	55,206.47	0.00	476.26	42.71	0.00	358.80	6,859.97	0.00	7,737.74	62,944.21
Puducherry	0.00	0.00	0.00	0.00	232.15	0.00	232.15	0.00	6.39	0.00	0.00	0.00	0.00	0.00	6.39	238.54
Punjab	17,994.79	0.00	0.00	0.00	0.00	0.00	17,994.79	0.00	1,356.48	585.99	231.50	690.33	4,747.03	0.17	7,611.50	25,606.29
Rajasthan	36,738.05	0.00	8,478.53	0.00	1,018.69	7,386.05	53,621.32	5,708.27	10,384.24	413.24	0.00	10.64	469.63	0.00	16,986.01	70,607.33
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.96	10,879.50	0.00	10,935.46	10,935.46
Tamil Nadu	32,329.41	0.00	16,605.91	0.00	2,264.73	13,664.72	64,864.77	14,564.99	6,115.48	152.23	581.57	244.77	5,212.71	0.00	26,871.76	91,736.53
Telangana	44,760.76	0.00	0.00	0.00	0.00	0.00	44,760.76	220.91	6,351.04	164.11	61.00	67.27	3,645.38	69.05	10,578.75	55,339.51
Tripura	0.00	0.00	0.00	0.00	7,043.21	0.00	7,043.21	0.00	6.04	0.00	0.00	9.58	0.00	0.00	15.62	7,058.83
Uttar Pradesh	1,19,592.96	0.00	0.00	0.00	2,470.75	3,284.81	1,25,348.52	0.00	1,856.19	135.82	3,590.87	164.91	1,572.35	0.00	7,320.13	1,32,668.65
Uttarakhand	0.00	0.00	0.00	0.00	721.97	0.00	721.97	0.00	329.64	0.00	85.33	821.88	13,592.49	0.00	14,829.34	15,551.31
West Bengal	72,735.07	0.00	0.00	0.00	0.00	0.00	72,735.07	0.00	73.92	0.00	148.73	107.06	3,212.28	1,200.99	4,742.98	77,478.05
All India Total	9,50,937.55	126.31	30,505.68	101.41	50,842.59	43,029.08	10,75,542.62	60,149.95	60,402.26	3,512.98	11,302.85	10,258.41	1,50,299.52	1,621.06	2,97,547.03	13,73,089.65
Import from Bhutan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,765.50	0.00	8,765.50	8,765.50
Grand Total	9,50,937.55	126.31	30,505.68	101.41	50,842.59	43,029.08	10,75,542.62	60,149.95	60,402.26	3,512.98	11,302.85	10,258.41	1,59,065.02	1,621.06	3,06,312.53	13,81,855.15

The source and state wise generation data from various sources including thermal, hydro, nuclear and renewable energy including the state of Jharkhand for 2021-22

(All generation figures are in MUs)

State	THERMAL				Nuclear	Total Conventional	Renewable								GRAND TOTAL
	Coal	Diesel / HSD	Lignite	Natural Gas			Wind	Solar	Biomass	Bagasse	Small Hydro	Large Hydro	Others	Total Renewable Energy	
Andaman & Nicobar Islands	0.00	117.24	0.00	0.00	0.00	117.24	0.00	21.51	0.00	0.00	13.26	0.00	0.00	34.77	152.01
Andhra Pradesh	53,326.74	0.00	0.00	2,094.34	0.00	55,421.08	7,134.58	7,832.51	104.85	72.70	384.08	3,113.83	133.88	18,776.44	74,197.52
Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.41	4,161.28	0.00	4,163.41	4,163.41
Assam	4,201.45	0.00	0.00	3,399.10	0.00	7,600.55	0.00	81.64	0.00	0.00	40.46	676.24	0.00	798.34	8,398.89
Bihar	43,940.40	0.00	0.00	0.00	0.00	43,940.40	0.00	163.08	2.14	65.84	8.77	0.00	0.00	239.83	44,180.23
Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.19	0.00	0.00	0.00	0.00	0.00	14.19	14.19
Chhattisgarh	1,40,870.87	0.00	0.00	0.00	0.00	1,40,870.87	0.00	436.56	1,307.27	8.70	185.67	404.13	0.00	2,342.34	1,43,213.21
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.16	0.00	0.00	0.00	0.00	0.00	49.16	49.16
Daman & Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.35	12.32	0.00	0.00	0.00	0.00	47.67	47.67
Delhi	0.00	0.00	0.00	4,948.57	0.00	4,948.57	0.00	225.84	0.00	0.00	0.00	0.00	232.89	458.73	5,407.30
Goa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.93	0.00	0.00	0.00	0.00	0.89	16.82	16.82
Gujarat	43,884.40	0.00	5,684.02	7,353.85	3,503.47	60,425.74	17,854.77	6,774.50	0.00	18.16	192.10	2,621.51	0.00	27,461.04	87,886.78
Haryana	22,847.43	0.00	0.00	120.30	0.00	22,967.73	0.00	572.85	171.60	96.75	270.13	0.00	24.09	1,135.42	24,103.15
Himachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.29	0.00	0.00	1,999.47	36,459.64	0.00	38,503.40	38,503.40
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.71	0.00	0.00	414.10	17,074.02	0.00	17,489.83	17,489.83
Jharkhand	28,338.72	0.00	0.00	0.00	0.00	28,338.72	0.00	18.21	0.00	0.00	10.49	547.96	0.00	576.67	28,915.39
Karnataka	30,505.26	0.00	0.00	0.00	7,492.05	37,997.31	9,491.62	13,169.43	174.08	3,338.24	2,460.91	13,936.46	0.00	42,570.74	80,568.05
Kerala	0.00	0.00	0.00	0.00	0.00	0.00	136.41	496.93	0.00	48.92	932.37	9,317.44	0.00	10,932.06	10,932.06
Ladakh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	405.98	0.00	405.98	405.98
Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.30	0.30
Madhya Pradesh	1,29,634.45	0.00	0.00	0.00	0.00	1,29,634.45	4,346.66	4,006.70	25.35	82.20	221.43	4,686.72	34.40	13,403.45	1,43,037.90
Maharashtra	1,16,485.92	0.00	0.00	6,124.19	8,602.18	1,31,212.29	7,085.98	3,187.18	316.79	4,468.31	787.16	6,007.38	0.22	21,853.02	1,53,065.31
Manipur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.00	0.00	0.00	455.48	0.00	462.20	462.20
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	44.21	841.82	0.00	886.50	886.50
Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68	0.00	0.00	26.41	137.44	0.00	165.53	165.53
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.47	100.55	0.00	164.02	164.02
Orissa	60,161.29	0.00	0.00	0.00	0.00	60,161.29	0.00	603.71	100.08	0.00	377.32	5,230.63	0.00	6,311.73	66,473.02
Puducherry	0.00	0.00	0.00	251.13	0.00	251.13	0.00	12.24	0.00	0.00	0.00	0.00	0.00	12.24	263.37
Punjab	24,175.82	0.00	0.00	0.00	0.00	24,175.82	0.00	1,473.41	576.83	208.30	983.37	3,709.73	0.24	6,951.88	31,127.70
Rajasthan	40,846.37	0.00	8,762.03	1,499.01	8,308.85	59,416.26	6,493.19	17,219.88	378.40	0.00	7.85	481.84	0.00	24,581.15	83,997.41
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.35	11,493.90	0.00	11,506.25	11,506.25
Tamil Nadu	36,802.55	0.00	22,647.99	1,732.22	15,625.26	76,808.02	15,821.18	7,172.88	116.66	657.40	293.17	5,212.07	0.00	29,273.35	1,06,081.37
Telangana	51,550.06	0.00	0.00	0.00	0.00	51,550.06	275.69	6,536.94	111.13	103.95	91.00	5,626.63	227.20	12,972.52	64,522.58
Tripura	0.00	0.00	0.00	6,332.25	0.00	6,332.25	0.00	6.18	0.00	0.00	1.44	0.00	0.00	7.62	6,339.87
Uttar Pradesh	1,30,698.93	0.00	0.00	1,148.49	3,580.25	1,35,427.67	0.00	2,900.41	85.20	3,160.39	162.54	1,402.68	20.40	7,731.62	1,43,159.29
Uttarakhand	0.00	0.00	0.00	1,012.32	0.00	1,012.32	0.00	301.60	0.00	244.02	326.70	14,332.13	0.00	15,204.45	16,216.77
West Bengal	83,216.77	0.00	0.00	0.00	0.00	83,216.77	0.00	98.24	0.00	0.00	152.90	3,189.84	1,593.96	5,034.93	88,251.70
All India Total	10,41,487.43	117.24	37,094.04	36,015.77	47,112.06	11,61,826.54	68,640.07	73,483.94	3,482.69	12,573.88	10,463.55	1,51,627.33	2,268.16	3,22,539.62	14,84,366.16
Import from Bhutan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,493.20	0.00	7,493.20	7,493.20
Grand Total	10,41,487.43	117.24	37,094.04	36,015.77	47,112.06	11,61,826.54	68,640.07	73,483.94	3,482.69	12,573.88	10,463.55	1,59,120.53	2,268.16	3,30,032.82	14,91,859.36

The source and state wise generation data from various sources including thermal, hydro, nuclear and renewable energy including the state of Jharkhand for 2022-23

(All generation figures are in MUs)

State	THERMAL					Nuclear	Total Conventional	Renewable								GRAND TOTAL
	Coal	Diesel / HSD	Lignite	Naptha	Natural Gas			Wind	Solar	Biomass	Bagasse	Small Hydro	Large Hydro	Others	Total Renewable Energy	
Andaman & Nicobar Islands	0.00	214.57	0.00	0.00	0.00	0.00	214.57	0.00	23.94	0.00	0.00	13.94	0.00	0.00	37.88	252.45
Andhra Pradesh	60,931.93	0.00	0.00	0.00	610.00	0.00	61,541.93	7,426.46	8,140.72	54.86	99.93	410.90	3,747.58	279.04	20,159.49	81,701.42
Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.27	0.00	0.00	2.55	4,820.94	0.03	4,845.79	4,845.79
Assam	5,026.24	0.00	0.00	0.00	3,366.84	0.00	8,393.08	0.00	216.35	0.00	0.00	62.66	481.60	0.00	760.61	9,153.69
Bihar	55,200.21	0.00	0.00	0.00	0.00	0.00	55,200.21	0.00	169.53	0.00	106.68	12.63	0.00	0.00	288.85	55,489.06
Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.61	0.00	0.00	0.00	0.00	0.00	12.61	12.61
Chhattisgarh	1,42,599.20	0.00	0.00	0.00	0.00	0.00	1,42,599.20	0.00	635.42	1,194.60	17.10	155.92	237.37	0.00	2,240.42	1,44,839.62
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.40	3.22	0.00	0.00	0.00	0.00	30.62	30.62
Delhi	0.00	0.00	0.00	0.00	3,784.30	0.00	3,784.30	0.00	236.11	0.00	0.00	0.00	0.00	294.09	530.20	4,314.50
Goa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.87	0.00	0.00	0.00	0.00	5.09	19.96	19.96
Gujarat	47,596.58	0.00	5,726.35	0.00	2,158.69	3,639.91	59,121.53	19,206.22	10,335.32	0.00	5.76	213.10	6,133.14	2.24	35,895.77	95,017.30
Haryana	32,136.68	0.00	0.00	0.00	2.59	0.00	32,139.27	0.00	555.20	356.07	203.01	241.90	0.00	63.55	1,419.73	33,559.00
Himachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.76	0.00	0.00	2,854.07	38,666.98	0.00	41,579.81	41,579.81
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	393.20	16,777.42	0.00	17,170.62	17,170.62
Jharkhand	30,472.78	0.00	0.00	0.00	0.00	0.00	30,472.78	0.00	19.70	0.00	0.00	2.40	305.47	0.00	327.57	30,800.35
Karnataka	35,014.30	0.00	0.00	0.00	0.00	7,443.24	42,457.54	9,967.89	14,153.79	106.90	3,037.31	2,308.59	13,157.34	0.00	42,731.82	85,189.36
Kerala	0.00	0.12	0.00	0.00	0.00	0.00	0.12	179.32	879.75	0.00	62.85	824.34	7,989.00	0.00	9,935.26	9,935.38
Ladakh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	402.78	0.00	402.78	402.78
Lakshadweep	0.00	15.02	0.00	0.00	0.00	0.00	15.02	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.10	15.12
Madhya Pradesh	1,35,838.47	0.00	0.00	0.00	0.00	0.00	1,35,838.47	4,486.72	3,839.30	38.76	113.05	357.97	7,309.07	36.93	16,181.79	1,52,020.26
Maharashtra	1,24,477.47	0.00	0.00	0.00	2,429.56	8,985.48	1,35,892.51	7,243.06	4,387.85	236.48	4,572.03	766.73	5,894.29	0.44	23,100.88	1,58,993.39
Manipur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.17	0.00	0.00	0.00	477.98	0.63	486.77	486.77
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.16	980.25	0.00	1,052.41	1,052.41
Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.21	0.00	0.00	59.06	204.13	0.00	266.40	266.40
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	111.95	177.37	0.00	289.32	289.32
Orissa	64,874.24	0.00	0.00	0.00	0.00	0.00	64,874.24	0.00	706.24	60.95	0.00	424.92	5,462.81	0.00	6,654.91	71,529.15
Puducherry	0.00	0.00	0.00	0.00	233.07	0.00	233.07	0.00	12.24	0.00	0.00	0.00	0.00	0.00	12.24	245.31
Punjab	31,506.16	0.00	0.00	0.00	0.00	0.00	31,506.16	0.00	2,778.66	497.68	210.76	682.48	4,399.65	0.00	8,569.23	40,075.39
Rajasthan	46,966.68	0.00	9,001.71	0.00	1,450.33	6,587.27	64,005.99	6,111.41	34,474.43	397.05	0.00	7.17	967.43	0.00	41,957.48	1,05,963.47
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.35	11,696.79	0.00	11,709.14	11,709.14
Tamil Nadu	43,761.00	0.00	21,460.28	0.83	1,861.12	16,012.57	83,095.80	16,913.85	9,419.39	126.93	869.56	296.71	5,965.77	0.00	33,592.22	1,16,688.02
Telangana	50,738.20	0.00	0.00	0.00	0.00	0.00	50,738.20	279.23	6,745.46	21.48	132.94	91.71	6,010.07	159.08	13,439.96	64,178.16
Tripura	0.00	0.00	0.00	0.00	7,079.48	0.00	7,079.48	0.00	6.58	0.00	0.00	0.00	0.00	0.00	6.58	7,086.06
Uttar Pradesh	1,51,154.99	0.00	0.00	0.00	908.23	3,192.62	1,55,255.84	0.00	3,674.02	66.35	3,183.67	234.69	974.04	58.45	8,191.22	1,63,447.06
Uttarakhand	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	331.80	0.00	248.52	352.07	15,435.77	0.00	16,368.16	16,368.16
West Bengal	87,612.45	0.00	0.00	0.00	0.00	0.00	87,612.45	0.00	125.04	0.00	0.00	204.44	3,423.73	1,629.64	5,382.85	92,995.30
All India Total	11,45,907.58	229.71	36,188.34	0.83	23,884.21	45,861.09	12,52,071.76	71,814.16	1,02,014.24	3,161.32	12,863.16	11,170.61	1,62,098.77	2,529.18	3,65,651.45	16,17,723.21
Import from Bhutan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,742.40	0.00	6,742.40	6,742.40
Grand Total	11,45,907.58	229.71	36,188.34	0.83	23,884.21	45,861.09	12,52,071.76	71,814.16	1,02,014.24	3,161.32	12,863.16	11,170.61	1,68,841.17	2,529.18	3,72,393.85	16,24,465.61

The source and state wise generation data from various sources including thermal, hydro, nuclear and renewable energy including the state of Jharkhand for 2023-24

(All generation figures are in MUs)

State	THERMAL					Nuclear	Total Conventional	Renewable								GRAND TOTAL
	Coal	Diesel / HSD	Lignite	Naptha	Natural Gas			Wind	Solar	Biomass	Bagasse	Small Hydro	Large Hydro	Others	Total Renewable Energy	
Andaman & Nicobar Islands	0.00	335.79	0.00	0.00	0.00	0.00	335.79	0.00	27.50	0.00	0.00	12.00	0.00	0.00	39.50	375.29
Andhra Pradesh	71,241.24		0.00	0.00	2.41	0.00	71,243.65	8,644.00	8,300.03	18.75	66.63	127.10	1,373.19	307.97	18,837.67	90,081.32
Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89	0.00	0.00	0.66	4,278.18		4,280.73	4,280.73
Assam	5,058.11	0.00	0.00	0.00	3,375.27	0.00	8,433.38	0.00	316.31	0.00	0.00	64.20	614.70	0.75	995.96	9,429.34
Bihar	58,361.80	0.00	0.00	0.00	0.00	0.00	58,361.80	0.00	195.19	0.00	140.98	5.92	0.00	0.00	342.08	58,703.88
Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.70	0.00	0.00	0.00	0.00	0.00	11.70	11.70
Chhattisgarh	1,62,388.63	0.00	0.00	0.00	0.00	0.00	1,62,388.63	0.00	943.75	1,368.61	19.54	145.54	321.76	0.00	2,799.20	1,65,187.83
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.74	13.12	0.00	0.00	0.00	0.00	28.86	28.86
Delhi	0.00	0.00	0.00	0.00	3,755.14	0.00	3,755.14	0.00	206.53	0.00	0.00	0.00	0.00	522.28	728.81	4,483.95
Goa	0.00	0.00	0.00		0.00	0.00	0.00	0.00	59.99	0.00	0.00	0.00	0.00	7.96	67.95	67.95
Gujarat	70,781.00	0.00	5,816.43	0.00	8,185.06	7,576.86	92,359.35	24,794.50	13,468.91	0.00	2.13	217.68	4,556.33		43,039.55	1,35,398.90
Haryana	28,060.15	0.00	0.00	0.00	137.28	0.00	28,197.43	0.00	992.91	294.12	83.60	222.05	0.00	58.82	1,651.50	29,848.93
Himachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.54	0.00	0.00	2,526.98	36,365.85	0.00	38,952.37	38,952.37
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	408.69	15,874.24	0.00	16,282.93	16,282.93
Jharkhand	35,764.81	0.00	0.00	0.00	0.00	0.00	35,764.81	0.00	17.64	0.00	0.00	5.52	196.80	0.00	219.96	35,984.77
Karnataka	44,466.58		0.00	0.00	0.00	7,502.65	51,969.23	10,950.20	15,404.09	47.45	2,754.06	1,370.76	8,973.17	0.00	39,499.72	91,468.95
Kerala	0.00		0.00		0.00	0.00	0.00	214.53	1,195.28	0.00	78.08	716.31	5,155.72	0.04	7,359.96	7,359.96
Ladakh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	388.48	0.00	388.48	388.48
Lakshadweep	0.00	64.79	0.00	0.00	0.00	0.00	64.79	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.09	64.88
Madhya Pradesh	1,48,680.03	0.00	0.00	0.00	0.00	0.00	1,48,680.03	4,949.78	4,025.19	84.62	97.01	469.60	6,444.78	28.83	16,099.80	1,64,779.83
Maharashtra	1,32,924.80	0.00	0.00	0.00	3,970.83	8,112.38	1,45,008.01	8,228.97	5,814.13	304.61	3,495.82	888.48	5,264.49	33.40	24,029.90	1,69,037.91
Manipur	0.00		0.00	0.00	0.00	0.00	0.00	0.00	7.73	0.00	0.00	0.00	298.18	1.23	307.14	307.14
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.55	808.58	0.00	875.13	875.13
Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.19	0.00	0.00	95.93	118.63	0.00	217.74	217.74
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.14	165.47	0.00	246.61	246.61
Orissa	66,019.81	0.00	0.00	0.00	0.00	0.00	66,019.81	0.00	757.69	96.07	0.00	407.97	6,162.20	0.00	7,423.92	73,443.73
Puducherry	0.00	0.00	0.00	0.00	224.10	0.00	224.10	0.00	12.24	0.00	0.00		0.00	0.00	12.24	236.34
Punjab	32,462.85	0.00	0.00	0.00	0.00	0.00	32,462.85	0.00	2,673.99	613.44	197.99	636.97	4,676.42	0.00	8,798.82	41,261.67
Rajasthan	51,701.62	0.00	8,776.46	0.00	1,144.62	7,059.67	68,682.37	8,390.67	38,363.28	387.55	0.00	7.45	1,013.97	0.00	48,162.93	1,16,845.30
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.35	8,609.85	0.00	8,622.20	8,622.20
Tamil Nadu	54,058.30		19,356.90	0.03	1,918.59	14,811.22	90,145.04	16,908.08	11,737.48	129.14	622.61	206.00	3,563.28	0.00	33,166.59	1,23,311.63
Telangana	56,913.73	0.00	0.00	0.00	0.00	0.00	56,913.73	304.63	6,884.68	10.57	95.08	58.87	1,243.29	155.29	8,752.39	65,666.12
Tripura	0.00	0.00	0.00	0.00	6,353.31	0.00	6,353.31	0.00	7.01	0.00	0.00	0.00	0.00	0.00	7.01	6,360.32
Uttar Pradesh	1,52,505.20	0.00	0.00	0.00	1,619.52	2,874.63	1,56,999.35	0.00	3,971.31	46.65	2,923.55	175.24	850.64	84.85	8,052.23	1,65,051.58
Uttarakhand	0.00	0.00	0.00	0.00	609.78	0.00	609.78	0.00	331.80	0.00	248.52	350.62	13,919.23	0.00	14,850.17	15,459.95
West Bengal	89,513.96	0.00	0.00	0.00	0.00	0.00	89,513.96	0.00	168.32	2.49	0.00	204.46	2,816.49	1,545.13	4,736.88	94,250.84
All India Total	12,60,902.62	400.58	33,949.79	0.03	31,295.91	47,937.41	13,74,486.34	83,385.35	1,15,975.11	3,417.19	10,825.59	9,485.04	1,34,053.92	2,746.55	3,59,888.75	17,34,375.09
Import from Bhutan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,716.10	0.00	4,716.10	4,716.10
Grand Total	12,60,902.62	400.58	33,949.79	0.03	31,295.91	47,937.41	13,74,486.34	83,385.35	1,15,975.11	3,417.19	10,825.59	9,485.04	1,38,770.02	2,746.55	3,64,604.85	17,39,091.19

The source and state wise generation data from various sources including thermal, hydro, nuclear and renewable energy including the state of Jharkhand for 2024-25

(All generation figures are in MUs)

State	THERMAL				Nuclear	Total Conventional	Renewable								GRAND TOTAL
	Coal	Diesel / HSD	Lignite	Natural Gas			Wind	Solar	Biomass	Bagasse	Small Hydro	Large Hydro	Others	Total Renewable Energy	
Andaman & Nicobar Islands	0.00	374.18	0.00	0.00	0.00	374.18	0.00	24.59	0.00	0.00	14.40	0.00	0.00	39.00	413.18
Andhra Pradesh	72,832.94		0.00	34.04	0.00	72,866.98	7,235.04	7,993.48	19.61	52.34	294.36	3,303.08	307.40	19,205.31	92,072.29
Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00	0.58	4,205.16	0.00	4,207.04	4,207.04
Assam	4,787.20	0.00	0.00	3,407.99	0.00	8,195.19	0.00	305.52	0.00	0.00	208.55	998.75	0.30	1,513.11	9,708.30
Bihar	60,757.75	0.00	0.00	0.00	0.00	60,757.75	0.00	325.86	0.00	104.70	14.54	0.00	0.00	445.10	61,202.85
Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.79	0.00	0.00	0.00	0.00	0.00	8.79	8.79
Chhattisgarh	1,66,431.38	0.00	0.00	0.00	0.00	1,66,431.38	0.00	1,523.27	1,543.26	20.05	139.34	419.42	0.00	3,645.35	1,70,076.73
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.87	12.76	0.00	0.00	0.00	0.00	28.63	28.63
Delhi	0.00	0.00	0.00	3,878.01	0.00	3,878.01	0.00	206.53	0.00	0.00	0.00	0.00	542.41	748.95	4,626.96
Goa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.11	0.00	0.00	0.00	0.00	8.14	65.24	65.24
Gujarat	79,769.84	0.00	5,245.75	8,411.70	12,301.55	1,05,728.84	25,440.90	20,219.48	107.62	0.00	205.98	6,028.52	0.00	52,002.50	1,57,731.34
Haryana	30,228.56	0.00	0.00	215.37	0.00	30,443.93	0.00	1,470.02	359.23	44.60	314.64	0.00	49.13	2,237.62	32,681.55
Himachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107.24	0.00	0.00	3,040.90	39,386.29	0.00	42,534.43	42,534.43
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	395.17	15,200.65	0.00	15,595.82	15,595.82
Jharkhand	38,812.21	0.00	0.00	0.00	0.00	38,812.21	0.00	17.64	0.00	0.00	6.25	269.12	0.00	293.01	39,105.22
Karnataka	44,367.93		0.00	314.38	7,358.02	52,040.33	13,620.33	15,699.63	32.15	2,474.25	2,259.49	14,056.00	0.00	48,141.85	1,00,182.18
Kerala	0.00	1.53	0.00	0.00	0.00	1.53	119.85	1,711.83	0.00	20.53	814.29	6,733.99	56.64	9,457.13	9,458.66
Ladakh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	413.06	0.00	413.06	413.06
Lakshadweep	0.00	66.94	0.00	0.00	0.00	66.94	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.09	67.03
Madhya Pradesh	1,46,116.76	0.00	0.00	0.00	0.00	1,46,116.76	4,712.84	7,123.73	61.95	121.55	482.19	7,606.73	65.06	20,174.05	1,66,290.81
Maharashtra	1,31,157.23	0.00	0.00	5,390.97	8,467.44	1,45,015.64	7,659.71	7,725.20	259.41	3,001.04	855.48	5,635.24	90.35	25,226.43	1,70,242.07
Manipur	0.00		0.00	0.00	0.00	0.00	0.00	8.68	0.00	0.00		706.37	0.00	715.05	715.05
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.65	905.58	0.00	1,022.23	1,022.23
Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.38	0.00	0.00	52.11	240.30	0.00	317.79	317.79
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.62	215.02	0.00	313.64	313.64
Orissa	68,638.78	0.00	0.00	0.00	0.00	68,638.78	0.00	786.75	53.80	0.00	457.20	6,285.36	0.00	7,583.11	76,221.89
Puducherry	0.00	0.00	0.00	204.95	0.00	204.95	0.00	12.24		0.00		0.00	0.00	12.24	217.19
Punjab	33,575.21	0.00	0.00	0.00	0.00	33,575.21	0.00	1,372.73	692.06	348.11	734.01	4,126.11	0.00	7,273.02	40,848.23
Rajasthan	56,545.08	0.00	8,520.18	921.90	7,430.95	73,418.11	6,941.26	49,101.62	400.85	0.00	4.15	905.80	0.00	57,353.68	1,30,771.79
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.35	2,012.67	0.00	2,025.02	2,025.02
Tamil Nadu	53,376.75	0.00	19,228.84	1,615.77	17,493.39	91,714.75	17,326.66	15,739.30	106.90	377.99	256.60	4,602.72	0.00	38,410.17	1,30,124.92
Telangana	56,969.20	0.00	0.00	0.00	0.00	56,969.20	290.60	6,941.75	12.61	64.28	74.48	5,270.78	257.96	12,912.48	69,881.68
Tripura	0.00	0.00	0.00	5,099.65	0.00	5,099.65	0.00	5.97	0.00	0.00	0.00	0.00	0.00	5.97	5,105.62
Uttar Pradesh	1,61,337.30	0.00	0.00	1,247.56	3,629.48	1,66,214.34	0.00	4,966.06	76.48	2,457.35	179.00	1,273.74	29.88	8,982.50	1,75,196.84
Uttarakhand	0.00	0.00	0.00	837.76	0.00	837.76	0.00	331.80	0.00	248.52	353.40	15,183.82	0.00	16,117.54	16,955.30
West Bengal	93,168.17	0.00	0.00	0.00	0.00	93,168.17	0.00	320.75	0.00	0.00	183.30	2,649.70	1,462.46	4,616.21	97,784.38
All India Total	12,98,872.29	442.65	32,994.77	31,580.05	56,680.83	14,20,570.59	83,347.19	1,44,150.23	3,738.67	9,335.32	11,568.04	1,48,633.98	2,869.73	4,03,643.17	18,24,213.76
Import from Bhutan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,484.18	0.00	5,484.18	5,484.18
Grand Total	12,98,872.29	442.65	32,994.77	31,580.05	56,680.83	14,20,570.59	83,347.19	1,44,150.23	3,738.67	9,335.32	11,568.04	1,54,118.16	2,869.73	4,09,127.35	18,29,697.94

The source and state wise generation data from various sources including thermal, hydro, nuclear and renewable energy including the state of Jharkhand for 2025-26 (upto January, 2026)
(All generation figures are in MUs)

State	THERMAL					Nuclear	Total Conventional	Renewable								GRAND TOTAL
	Coal	Diesel / HSD	Lignite	Naptha	Natural Gas			Wind	Solar	Biomass	Bagasse	Small Hydro	Large Hydro	Others	Total Renewable Energy	
Andaman & Nicobar Islands	0.00	303.76	0.00	0.00	0.00	0.00	303.76	0.00	13.82	0.00	0.00	12.52	0.00	0.00	26.35	330.11
Andhra Pradesh	60,057.57		0.00	0.00	311.49	0.00	60,369.06	8,158.13	6,690.00	12.11	31.17	346.86	5,072.66	318.13	20,629.05	80,998.11
Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	0.00	0.00	0.32	4,191.90	0.00	4,194.44	4,194.44
Assam	3,725.47	0.00	0.00	0.00	2,401.39	0.00	6,126.86	0.00	269.12	0.00	0.00	130.87	1,303.04	0.41	1,703.43	7,830.29
Bihar	48,552.97	0.00	0.00	0.00	0.00	0.00	48,552.97	0.00	263.60	0.00	48.36	18.42	0.00	0.00	330.38	48,883.35
Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.60	0.00	0.00	0.00	0.00	0.00	6.60	6.60
Chhattisgarh	1,37,510.04	0.00	0.00	0.00	0.00	0.00	1,37,510.04	0.00	1,472.28	1,215.23	6.15	235.49	283.73	0.00	3,212.88	1,40,722.92
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.80	10.54	0.00	0.00	0.00	0.00	27.34	27.34
Delhi	0.00	0.00	0.00	0.00	2,443.98	0.00	2,443.98	0.00	172.11	0.00	0.00	0.00	0.00	410.34	582.45	3,026.43
Goa	0.00	0.00	0.00		0.00	0.00	0.00	0.00	47.59	0.00	0.00	0.00	0.00	6.78	54.37	54.37
Gujarat	47,161.20	0.00	4,461.15	0.00	5,463.45	10,502.42	67,588.22	29,311.21	19,801.11	122.19		155.78	5,853.74	0.00	55,244.03	1,22,832.25
Haryana	21,768.07	0.00	0.00	0.00	181.38	0.00	21,949.45	0.00	1,283.70	323.48	62.68	186.56	0.00	46.69	1,903.11	23,852.56
Himachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	161.62	0.00	0.00	2,541.27	39,995.38	0.00	42,698.27	42,698.27
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	375.01	14,284.91	0.00	14,659.92	14,659.92
Jharkhand	32,911.14	0.00	0.00	0.00	0.00	0.00	32,911.14	0.00	14.70	0.00	0.00	17.11	134.36	0.00	166.17	33,077.31
Karnataka	33,965.79	0.00	0.00	0.00	519.32	4,775.14	39,260.25	16,546.77	14,420.68	39.00	2,752.46	2,671.87	13,190.08	3.84	49,624.69	88,884.94
Kerala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.59	1,865.46	0.00	0.00	874.69	8,085.61	80.47	11,023.83	11,023.83
Ladakh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	431.14	0.00	431.14	431.14
Lakshadweep	0.00	54.45	0.00	0.00	0.00	0.00	54.45	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.08	54.53
Madhya Pradesh	1,16,622.47	0.00	0.00	0.00	0.00	0.00	1,16,622.47	4,132.38	6,645.53	58.40	49.64	440.33	7,342.78	41.19	18,710.25	1,35,332.72
Maharashtra	1,08,402.39	0.00	0.00	0.00	3,973.61	6,116.28	1,18,492.28	7,911.27	8,281.26	218.18	2,532.91	768.79	4,267.71	46.60	24,026.72	1,42,519.00
Manipur	0.00		0.00	0.00	0.00	0.00	0.00	0.00	7.17	0.00	0.00	0.00	532.87	0.00	540.04	540.04
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	133.26	835.85	0.00	969.11	969.11
Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.50	0.00	0.00	20.19	256.36	0.00	302.05	302.05
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.71	215.56	0.00	307.27	307.27
Orissa	57,099.40	0.00	0.00	0.00	0.00	0.00	57,099.40	0.00	738.98	69.70	0.00	562.11	6,173.00	0.00	7,543.79	64,643.19
Puducherry	0.00	0.00	0.00	0.00	150.04	0.00	150.04	0.00	10.20	0.00	0.00	0.00	0.00	0.00	10.20	160.24
Punjab	27,411.21	0.00	0.00	0.00	0.00	0.00	27,411.21	0.00	1,121.59	568.19	157.22	398.15	3,741.88	0.00	5,987.02	33,398.23
Rajasthan	39,952.78	0.00	6,568.13	0.00	790.64	9,170.07	56,481.62	6,344.83	48,827.50	636.16	0.00	4.60	860.48	0.00	56,673.57	1,13,155.19
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.30	2,468.96	0.00	2,479.26	2,479.26
Tamil Nadu	38,885.29		13,877.44		1,047.91	12,489.71	66,300.35	22,803.85	15,759.73	0.00	164.82	278.44	5,250.44	0.00	44,257.28	1,10,557.63
Telangana	47,417.65	0.00	0.00	0.00	0.00	0.00	47,417.65	260.92	5,601.37	15.96	48.77	77.08	6,535.14	252.15	12,791.38	60,209.03
Tripura	0.00	0.00	0.00	0.00	4,239.22	0.00	4,239.22	0.00	7.88	0.00	0.00	0.00	0.00	0.00	7.88	4,247.10
Uttar Pradesh	1,37,067.34	0.00	0.00	0.00	764.60	2,140.05	1,39,971.99	0.00	4,244.53	88.47	1,574.63	70.53	1,555.80	30.92	7,564.88	1,47,536.87
Uttarakhand	0.00	0.00	0.00	0.00	477.12	0.00	477.12	0.00	276.50	0.00	207.10	294.50	14,822.01	0.00	15,600.11	16,077.23
West Bengal	73,371.75	0.00	0.00	0.00	0.00	0.00	73,371.75	0.00	337.72	0.00	0.00	168.32	2,353.73	1,216.05	4,075.83	77,447.58
All India Total	10,31,882.53	358.21	24,906.72	0.00	22,764.15	45,193.67	11,25,105.28	95,586.95	1,38,386.93	3,377.60	7,635.91	10,885.08	1,50,039.12	2,453.59	4,08,365.17	15,33,470.45
Import from Bhutan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,765.68	0.00	7,765.68	7,765.68
Grand Total	10,31,882.53	358.21	24,906.72	0.00	22,764.15	45,193.67	11,25,105.28	95,586.95	1,38,386.93	3,377.60	7,635.91	10,885.08	1,57,804.80	2,453.59	4,16,130.85	15,41,236.13

ANNEXURE-III**ANNEXURE REFERRED TO IN PARTS (b) TO (d) OF THE STATEMENT LAID IN
REPLY TO STARRED QUESTION NO. 284 ANSWERED IN THE LOK SABHA ON
12.03.2026 REGARDING PRODUCTION OF ENERGY THROUGH VARIOUS
SOURCES**

**The details of Power Supply Position in terms of peak demand and energy requirement in the Country
for the last five financial years and the current FY i.e. 2025-26 (upto January, 2026)**

Financial Year (FY)	Energy [in Million Unit (MU)]				Peak [in Mega Watt (MW)]			
	Energy Requirement	Energy Supplied	Energy not Supplied		Peak Demand	Peak Met	Demand Not Met	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
2020-21	12,75,534	12,70,663	4,871	0.4	1,90,198	1,89,395	-802	-0.4
2021-22	13,79,812	13,74,024	5,787	0.4	2,03,014	2,00,539	-2,475	-1.2
2022-23	15,13,497	15,05,914	7,583	0.5	2,15,888	2,07,231	8,657	4.0
2023-24	16,26,132	16,22,020	4,112	0.3	2,43,271	2,39,931	3,340	1.4
2024-25	16,93,959	16,92,369	1,590	0.1	2,49,856	2,49,854	2	0.0
2025-26 (up to January, 2026)	14,27,436	14,27,009	427	0.0	2,45,444	2,45,416	28	0.0

ANNEXURE-IV**ANNEXURE REFERRED TO IN PARTS (b) TO (d) OF THE STATEMENT LAID IN
REPLY TO STARRED QUESTION NO. 284 ANSWERED IN THE LOK SABHA ON
12.03.2026 REGARDING PRODUCTION OF ENERGY THROUGH VARIOUS
SOURCES**

**The details of Power Supply Position in terms of energy requirement in the state
of Madhya Pradesh for the last five financial years and the current FY i.e. 2025-26
(upto January, 2026)**

Financial Year	Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)
2020-21	83,437	83,437	0	0.0
2021-22	86,501	86,455	46	0.1
2022-23	92,683	92,325	358	0.4
2023-24	99,301	99,150	151	0.2
2024-25	1,04,445	1,04,312	133	0.1
2025-26 (upto January, 2026)	85,679	85,670	9	0.0

ANNEXURE-V

ANNEXURE REFERRED TO IN PARTS (b) TO (d) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 284 ANSWERED IN THE LOK SABHA ON 12.03.2026 REGARDING PRODUCTION OF ENERGY THROUGH VARIOUS SOURCES

The details of total unit supplied in Chhindwara district of Madhya Pradesh for the last five financial years and the current FY i.e. 2025-26 (upto January, 2026)

FY 2020-21	FY 2021-22	2022-23	2023-24	2024-25	2025-26 (upto January, 2026)
(MU)	(MU)	(MU)	(MU)	(MU)	(MU)
1,642.70	1,703.32	1,895.07	1,912.29	2,106.59	1,741.55
