

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.535
ANSWERED ON 06.02.2025**

EXPANSION OF THERMAL POWER CAPACITY

535. SHRI Y S AVINASH REDDY:

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

- (a) whether the Government proposes the expansion of thermal power capacity in the country and if so, the details thereof along with the estimated total cost for expansion of thermal power capacity;**
- (b) the steps taken/being taken to reduce dependency on coal-based power plants for decreasing emission levels in such thermal power plants; and**
- (c) the details of the percentage of electricity generated from various sources such as coal, gas, hydel and renewable energy during the last five years, State-wise along with the action plan for the expansion of thermal power capacity in the State of Andhra Pradesh in the coming years?**

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) : In order to meet the estimated electricity demand by the year 2031-32, generation planning studies has been carried out by Central Electricity Authority (CEA). As per the study results, it is envisaged that to meet the base load requirement of the country in 2032, the required coal & lignite based installed capacity is 283 GW against the present installed capacity of 220.4 GW. Considering this, Government of India has proposed in November, 2023 for setting up of an additional minimum 80 GW coal based capacity by 2031-32.

The estimated capital cost for setting up of new coal based thermal capacity as considered in National Electricity Plan is Rs 8.34 Cr/ MW (at 2021-22 price level). Hence, the thermal capacity addition is expected to entail an expenditure of minimum Rs 6,67,200 Crs by 2031-32.

(b): Government has taken following steps to promote renewable energy and thereby, reducing dependency on coal based capacity and to decrease emission levels in Thermal Power Plants in the country:

.....2.

- i. **Ministry of New & Renewable Energy (MNRE) has issued Bidding Trajectory for issuance of RE power procurement bids of 50 GW/annum by Renewable Energy Implementing Agencies from FY 2023-24 to FY 2027-28.**
- ii. **Foreign Direct Investment (FDI) has been permitted up to 100 percent under the automatic route.**
- iii. **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, for Green Hydrogen Projects till December 2030 and for offshore wind projects till December 2032.**
- iv. **To boost 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 for non-compliance.**
- v. **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.**
- vi. **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, National Green Hydrogen Mission, Viability Gap Funding (VGF) Scheme for Offshore Wind Energy Projects have been launched.**
- vii. **Scheme for setting up of Ultra Mega Renewable Energy Parks is being implemented to provide land and transmission to RE developers for installation of RE projects at large scale.**
- viii. **Laying of new transmission lines and creating new sub-station capacity has been funded under the Green Energy Corridor Scheme for evacuation of renewable power.**
- ix. **“Strategy for Establishment of Offshore Wind Energy Projects” has been issued indicating a bidding trajectory of 37 GW by 2030 and various business models for project development.**
- x. **The Offshore Wind Energy Lease Rules, 2023 have been notified vide Ministry of External Affairs notification dated 19th December 2023, to regulate the grant of lease of offshore areas for development of offshore wind energy projects.**

- xi. To augment transmission infrastructure needed for steep RE trajectory, transmission plan has been prepared till 2030.**
- xii. Electricity (Promoting Renewable Energy Through Green Energy Open Access) Rules, 2022, has been notified on 06th June 2022 with objective of ensuring access to affordable, reliable, and sustainable green energy for all. Green Energy Open Access is allowed to any consumer with contract demand of 100 kW or above through single or multiple single connection aggregating One Hundred kW or more located in same electricity division of a distribution licensee.**
- xiii. Green Term Ahead Market (GTAM) has been launched to facilitate sale of Renewable Energy Power through exchanges.**
- xiv. To achieve the objective of increased domestic production of Solar PV Modules, the Govt. of India is implementing the Production Linked Incentive (PLI) scheme for High Efficiency Solar PV Modules with an outlay of Rs. 24,000 crore. This will enable manufacturing capacity of Giga Watt (GW) scale in High Efficiency Solar PV Module.**
- xv. Promotion of installation of efficient Ultra Supercritical/Supercritical units over Subcritical Thermal Units.**
- xvi. Biomass co-firing- Ministry of Power has issued policy on Bio-mass Utilization for Power Generation through Co-firing in Coal based Power Plants to use 5-10% blend of biomass pellets made, primarily of agro-residue along with coal after assessing the technical feasibility.**
- xvii. MoEF&CC vide its notification dated 07.12.2015 and its subsequent amendments has notified norms in respect of reducing stack emissions from coal based Thermal Power Plants.**

(c) : The details of percentage of electricity generated from various sources such, as coal, gas, hydel, and renewable energy in the Country from the year 2019-20 to the current year 2024-25 (up to December, 2024), are enclosed at Annexure - I.

The details of State-wise and Source-wise Generation from Conventional Sources and Renewable Energy Sources (RES) from the year 2019-21 to 2024-25 (up to December, 2024), are enclosed at Annexure - II.

At present, there is no thermal capacity under construction or under planning in the State of Andhra Pradesh

ANNEXURE-I

ANNEXURE REFERRED IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 535 ANSWERED IN THE LOK SABHA ON 06.02.2025

Percentage of Electricity Generated from Various Sources

Year-Wise Generation from 2019-2020 to 2024-25 (Up to Dec)								
Source Name			2019-20	2020-21	2021-22	2022-23	2023-24	2024-25 (upto Dec' 2024)
			% of Total Gen	% of Total Gen	% of Total Gen	% of Total Gen	% of Total Gen	% of Total Gen
Conventional	Thermal	Coal	69.2	68.82	69.81	70.54	72.50	69.94
		Lignite	2.37	2.21	2.49	2.23	1.95	1.79
		Diesel	0.01	0.01	0.01	0.01	0.02	0.02
		Naptha	0	0.01	0	0	0	0
		Natural gas	3.49	3.68	2.41	1.47	1.8	1.92
	Sub Total		75.07	74.72	74.72	74.25	76.28	73.67
	Nuclear		3.35	3.11	3.16	2.82	2.76	3.12
	Hydro		11.21	10.88	10.16	9.98	7.71	9.09
	Bhutan Import		0.42	0.63	0.5	0.42	0.27	0.38
	Conventional Total			90.04	89.34	88.54	87.47	87.01
Renewable Energy Total			9.96	10.66	11.46	12.53	12.99	13.73
Grand Total			100	100	100	100	100	100

ANNEXURE-II

ANNEXURE REFERRED IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 535 ANSWERED IN THE LOK SABHA ON 06.02.2025

State/UT Fuel-Wise Generation from Conventional and Renewable Sources in the Country for the year 2019-20

(All Generation Figures are in Million Units)

Sl. No	State	Conventional Sources									Renewable Source							Grand Total
		Thermal					Hydro	Bhutan Import	Nuclear	Conventional Total	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total	
		Coal	Diesel	Lignite	Naptha	Natural Gas												
1	Andaman & Nicobar Islands	0.00	96.19	0.00	0.00	0.00	0.00	0.00	0.00	96.19	0.00	11.60	0.00	0.00	5.70	0.00	17.30	113.49
2	Andhra Pradesh	56916.07	0.00	0.00	0.00	3013.62	3013.43	0.00	0.00	62943.12	7626.63	5855.11	147.47	58.49	298.19	7.31	13993.20	76936.32
3	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	1786.46	0.00	0.00	1786.46	0.00	1.60	0.00	0.00	0.64	0.00	2.24	1788.70
4	Assam	3929.96	0.00	0.00	0.00	2808.73	1291.68	0.00	0.00	8030.37	0.00	6.14	0.00	0.00	52.63	0.00	58.77	8089.14
5	Bhutan	0.00	0.00	0.00	0.00	0.00	0.00	5794.48	0.00	5794.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5794.48
6	Bihar	35360.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35360.76	0.00	160.16	19.19	160.35	18.98	0.00	358.68	35719.44
7	Chhattisgarh	117992.27	0.00	0.00	0.00	0.00	236.79	0.00	0.00	118229.06	0.00	326.42	679.70	0.00	101.75	0.00	1107.87	119336.93
8	Delhi	0.00	0.00	0.00	0.00	6015.11	0.00	0.00	0.00	6015.11	0.00	136.30	0.00	0.00	0.00	287.37	423.87	6438.78
9	Goa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.00	0.82	0.82
10	Gujarat	79011.04	0.00	5579.58	0.00	13515.42	5414.68	0.00	3428.60	106949.32	13748.53	3631.86	107.03	15.95	194.80	18.77	17716.93	124666.25
11	Haryana	16761.85	0.00	0.00	0.00	555.16	0.00	0.00	0.00	17317.01	0.00	125.14	186.90	94.57	326.89	0.00	733.50	18050.51
12	Himachal Pradesh	0.00	0.00	0.00	0.00	0.00	40834.88	0.00	0.00	40834.88	0.00	11.66	0.00	0.00	2155.58	0.00	2167.24	43002.12
13	Jammu and Kashmir	0.00	0.00	0.00	0.00	0.00	18094.12	0.00	0.00	18094.12	0.00	0.00	0.00	0.00	443.13	0.00	443.13	18537.25
14	Jharkhand	26072.08	0.00	0.00	0.00	0.00	150.96	0.00	0.00	26223.04	0.00	17.47	0.00	1.28	5.43	0.00	24.17	26247.21
15	Karnataka	23836.42	0.00	0.00	0.00	0.00	14014.27	0.00	7278.22	45128.91	10148.66	11221.20	171.27	2205.38	1901.91	0.00	25648.42	70777.33
16	Kerala	0.00	12.04	0.00	0.00	0.00	5454.04	0.00	0.00	5466.08	119.76	143.59	0.00	11.03	530.36	0.00	804.74	6270.82
17	Ladakh	0.00	0.00	0.00	0.00	0.00	270.28	0.00	0.00	270.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	270.28
18	Madhya Pradesh	114818.28	0.00	0.00	0.00	0.00	6281.74	0.00	0.00	121100.02	4425.99	3496.23	1.81	95.66	246.16	32.02	8297.88	129397.90
19	Maharashtra	107002.16	0.00	0.00	0.00	7999.04	5880.58	0.00	10536.43	131418.21	7984.27	2372.68	411.99	2520.45	695.56	0.84	13985.79	145404.00
20	Manipur	0.00	0.00	0.00	0.00	0.00	366.59	0.00	0.00	366.59	0.00	2.63	0.00	0.00	1.57	0.00	4.20	370.79
21	Meghalaya	0.00	0.00	0.00	0.00	0.00	1018.29	0.00	0.00	1018.29	0.00	0.00	0.00	0.00	62.73	0.00	62.73	1081.02
22	Mizoram	0.00	0.00	0.00	0.00	0.00	177.02	0.00	0.00	177.02	0.00	0.44	0.00	0.00	49.56	0.00	50.00	227.02
23	Nagaland	0.00	0.00	0.00	0.00	0.00	180.85	0.00	0.00	180.85	0.00	0.00	0.00	0.00	75.87	0.00	75.87	256.72
24	Odisha	41525.20	0.00	0.00	0.00	0.00	6728.77	0.00	0.00	48253.97	54.66	362.29	66.59	0.00	299.65	0.00	783.20	49037.17
25	Puducherry	0.00	0.00	0.00	0.00	255.79	0.00	0.00	0.00	255.79	0.00	4.14	0.00	0.00	0.00	0.00	4.14	259.93
26	Punjab	20901.67	0.00	0.00	0.00	0.00	5123.48	0.00	0.00	26025.15	0.00	1358.22	398.37	252.85	712.77	0.32	2722.53	28747.68
27	Rajasthan	38447.56	0.00	7403.55	0.00	1033.51	606.18	0.00	8451.58	55942.38	6172.70	7776.56	389.94	0.00	9.75	0.00	14348.96	70291.34
28	Sikkim	0.00	0.00	0.00	0.00	0.00	11027.36	0.00	0.00	11027.36	0.00	0.00	0.00	0.00	60.62	0.00	60.62	11087.98
29	Tamil Nadu	42880.83	0.00	19995.63	0.00	2869.99	4765.24	0.00	12986.33	83498.02	14126.93	4946.63	103.78	350.79	235.76	0.00	19763.89	103261.91
30	Telangana	47347.78	0.00	0.00	0.00	0.00	4507.04	0.00	0.00	51854.82	238.25	6263.92	124.30	102.23	46.29	19.25	6794.23	58649.05
31	Tripura	0.00	0.00	0.00	0.00	6092.94	0.00	0.00	0.00	6092.94	0.00	3.43	0.00	0.00	24.67	0.00	28.10	6121.04
32	Uttar Pradesh	117018.91	0.00	0.00	0.00	2296.54	1073.48	0.00	3791.29	124180.22	0.00	1447.05	129.63	3530.10	36.43	0.00	5143.20	129323.42
33	Uttarakhand	0.00	0.00	0.00	0.00	1986.79	14554.53	0.00	0.00	16541.32	0.00	341.51	0.00	110.26	742.19	0.00	1193.95	17735.27
34	West Bengal	71395.39	0.00	0.00	0.00	0.00	2916.38	0.00	0.00	74311.77	0.00	64.29	0.00	1295.07	115.68	0.00	1475.04	75786.81
35	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.33	0.00	0.00	0.00	0.00	13.33	13.33
36	Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.02	0.00	0.00	0.00	0.00	28.02	28.02
Grand Total		961218.23	108.23	32978.76	0.00	48442.64	155769.12	5794.48	46472.45	1250783.91	64646.38	50130.44	2937.97	10804.46	9451.24	365.88	138336.36	1389120.27

Note: Others includes Waste to Energy, etc.

State/UT Fuel-Wise Generation from Conventional and Renewable Sources in the Country for the year 2020-21

(All Generation Figures are in Million Units)

(All Generation figures are in million units)																		
S.No	State	Conventional Sources									Renewable Source							Grand Total
		Thermal					Hydro	Bhutan Import	Nuclear	Conventional Total	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total	
		Coal	Diesel	Lignite	Naptha	Natural Gas												
1	Andaman & Nicobar Islands	0	118.48	0	0	0	0	0	0	118.48	0.00	24.82	0.00	0.00	14.69	0.00	39.51	157.99
2	Andhra Pradesh	46145.71	0	0	0	3323.24	3280.12	0	0	52749.07	6557.75	6956.10	135.21	67.66	351.23	65.88	14133.83	66882.90
3	Arunachal Pradesh	0	0	0	0	0	3451.34	0	0	3451.34	0.00	1.54	0.00	0.00	0.55	0.00	2.10	3453.44
4	Assam	2976.74	0	0	0	2721.4	270.87	0	0	5969.01	0.00	13.37	0.00	0.00	38.15	0.00	51.51	6020.52
5	Bhutan	0	0	0	0	0	0	8765.5	0	8765.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8765.50
6	Bihar	33866.14	0	0	0	0	0	0	0	33866.14	0.00	160.63	21.30	1.48	43.20	0.00	226.61	34092.75
7	Chhatisgarh	134614.5	0	0	0	0	419.19	0	0	135033.69	0.00	370.80	1089.32	28.25	145.52	0.00	1633.89	136667.58
8	Delhi	0	0	0	0	5304.01	0	0	0	5304.01	0.00	189.99	0.00	0.00	0.00	236.71	426.70	5730.71
9	Goa	0	0	0	0	0	0	0	0	0	0.00	1.46	0.00	0.00	0.00	0.00	1.46	1.46
10	Gujarat	71637.55	0	5421.24	0	18877.2	4233.36	0	3712.96	103882.32	13058.52	4633.81	43.15	19.37	211.94	10.61	17977.39	121859.71
11	Haryana	13994.58	0	0	0	901.8	0	0	0	14896.38	0.00	162.95	178.88	142.34	276.58	0.00	760.75	15657.13
12	Himachal Pradesh	0	0	0	0	0	37473.47	0	0	37473.47	0.00	36.52	0.00	0.00	2123.78	0.00	2160.30	39633.77
13	Jammu and Kashmir	0	0	0	0	0	17002.68	0	0	17002.68	0.00	9.42	0.00	0.00	429.88	0.00	439.29	17441.97
14	Jharkhand	27219.97	0	0	0	0	223.09	0	0	27443.06	0.00	17.16	0.00	0.00	9.31	0.00	26.47	27469.53
15	Karnataka	19861.24	0	0	0	0	12587.35	0	7093.92	39542.51	9610.91	13238.86	211.79	2589.09	2199.68	0.00	27850.33	67392.84
16	Kerala	0	7.83	0	101.41	0	6628.39	0	0	6737.63	130.42	275.44	0.00	45.68	640.58	0.01	1092.12	7829.75
17	Ladakh	0	0	0	0	0	376.21	0	0	376.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376.21
18	Madhya Pradesh	123089.78	0	0	0	0	6477.33	0	0	129567.11	3913.45	4202.03	0.48	82.57	281.76	37.57	8517.86	138084.97
19	Maharashtra	98173.83	0	0	0	5963.43	5548.46	0	7886.62	117572.34	6384.74	3089.46	328.23	3627.43	802.71	0.10	14232.67	131805.01
20	Manipur	0	0	0	0	0	621.62	0	0	621.62	0.00	7.71	0.00	0.00	0.00	0.00	7.71	629.33
21	Meghalaya	0	0	0	0	0	1151.99	0	0	1151.99	0.00	0.00	0.00	0.00	56.79	0.00	56.79	1208.78
22	Mizoram	0	0	0	0	0	158.85	0	0	158.85	0.00	2.45	0.00	0.00	31.07	0.00	33.52	192.37
23	Nagaland	0	0	0	0	0	203.86	0	0	203.86	0.00	0.00	0.00	0.00	69.77	0.00	69.77	273.63
24	Odisha	55206.47	0	0	0	0	6859.97	0	0	62066.44	0.00	476.26	42.71	0.00	358.80	0.00	877.77	62944.21
25	Puducherry	0	0	0	0	232.15	0	0	0	232.15	0.00	6.39	0.00	0.00	0.00	0.00	6.39	238.54
26	Punjab	17994.79	0	0	0	0	4747.03	0	0	22741.82	0.00	1356.48	585.99	231.50	690.33	0.17	2864.47	25606.29
27	Rajasthan	36738.05	0	8478.53	0	1018.69	469.63	0	7386.05	54090.95	5708.27	10384.24	413.24	0.00	10.64	0.00	16516.38	70607.33
28	Sikkim	0	0	0	0	0	10879.5	0	0	10879.5	0.00	0.00	0.00	0.00	55.96	0.00	55.96	10935.46
29	Tamil Nadu	32329.41	0	16605.9	0	2264.73	5212.71	0	13664.7	70077.48	14564.99	6115.48	152.23	581.57	244.77	0.00	21659.05	91736.53
30	Telangana	44760.76	0	0	0	0	3645.38	0	0	48406.14	220.91	6351.04	164.11	61.00	67.27	69.05	6933.37	55339.51
31	Tripura	0	0	0	0	7043.21	0	0	0	7043.21	0.00	6.04	0.00	0.00	9.58	0.00	15.62	7058.83
32	Uttar Pradesh	119592.96	0	0	0	2470.75	1572.35	0	3284.81	126920.87	0.00	1856.19	135.82	3590.87	164.91	0.00	5747.78	132668.65
33	Uttarakhand	0	0	0	0	721.97	13592.49	0	0	14314.46	0.00	329.64	0.00	85.33	821.88	0.00	1236.85	15551.31
34	West Bengal	72735.07	0	0	0	0	3212.28	0	0	75947.35	0.00	73.92	0.00	148.73	107.06	1200.99	1530.70	77478.05
35	Chandigarh	0	0	0	0	0	0	0	0	0	0.00	10.16	0.00	0.00	0.00	0.00	10.16	10.16
36	Dadra and Nagar Haveli and Daman and Diu	0	0	0	0	0	0	0	0	0	0.00	41.47	10.53	0.00	0.00	0.00	52.00	52.00
Grand Total		950937.55	126.31	30505.7	101.41	50842.59	150299.52	8765.5	43029.1	1234607.64	60149.952	60401.8062	3512.9779	11302.85	10258.4	1621.06	147247.06	1381854.698

Note: Others includes Waste to Energy, etc.

State/UT Fuel-Wise Generation from Conventional and Renewable Sources in the Country for the year 2021-22

(All Generation Figures are in Million Units)

[All Generation Figures are in Million Cms/yr]																			
S.No	State	Conventional Sources									Renewable Source								Grand Total
		Thermal					Hydro	Bhutan Import	Nuclear	Conventional Total	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total		
		Coal	Diesel	Lignite	Naptha	Natural Gas													
1	Andaman & Nicobar Islands	0	117.24	0	0	0	0	0	0	117.24	0.00	21.51	0.00	0.00	13.26	0.00	34.77	152.01	
2	Andhra Pradesh	53326.74	0	0	0	2094.34	3113.83	0	0	58534.91	7134.58	7832.51	104.85	72.70	384.08	133.88	15662.61	74197.52	
3	Arunachal Pradesh	0	0	0	0	0	4161.28	0	0	4161.28	0.00	1.72	0.00	0.00	0.41	0.00	2.13	4163.41	
4	Assam	4201.45	0	0	0	3399.1	676.24	0	0	8276.79	0.00	81.64	0.00	0.00	40.46	0.00	122.10	8398.89	
5	Bhutan	0	0	0	0	0	0	7493.2	0	7493.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7493.20	
6	Bihar	43940.4	0	0	0	0	0	0	0	43940.4	0.00	163.08	2.14	65.84	8.77	0.00	239.83	44180.23	
7	Chhatisgarh	140870.87	0	0	0	0	404.13	0	0	141275	0.00	436.56	1307.27	8.70	185.67	0.00	1938.21	143213.21	
8	Delhi	0	0	0	0	4948.57	0	0	0	4948.57	0.00	225.84	0.00	0.00	0.00	232.89	458.73	5407.30	
9	Goa	0	0	0	0	0	0	0	0	0	0.00	15.93	0.00	0.00	0.00	0.89	16.82	16.82	
10	Gujarat	43884.4	0	5684.02	0	7353.85	2621.51	0	3503.47	63047.25	17854.77	6774.50	0.00	18.16	192.10	0.00	24839.53	87886.78	
11	Haryana	22847.43	0	0	0	120.3	0	0	0	22967.73	0.00	572.85	171.60	96.75	270.13	24.09	1135.42	24103.15	
12	Himachal Pradesh	0	0	0	0	0	36459.64	0	0	36459.64	0.00	44.29	0.00	0.00	1999.47	0.00	2043.76	38503.40	
13	Jammu and Kashmir	0	0	0	0	0	17074.02	0	0	17074.02	0.00	1.71	0.00	0.00	414.10	0.00	415.81	17489.83	
14	Jharkhand	28338.72	0	0	0	0	547.96	0	0	28886.68	0.00	18.21	0.00	0.00	10.49	0.00	28.71	28915.39	
15	Karnataka	30505.26	0	0	0	0	13936.46	0	7492.05	51933.77	9491.62	13169.43	174.08	3338.24	2460.91	0.00	28634.28	80568.05	
16	Kerala	0	0	0	0	0	9317.44	0	0	9317.44	136.41	496.93	0.00	48.92	932.37	0.00	1614.62	10932.06	
17	Ladakh	0	0	0	0	0	405.98	0	0	405.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	405.98	
18	Madhya Pradesh	129634.45	0	0	0	0	4686.72	0	0	134321.17	4346.66	4006.70	25.35	82.20	221.43	34.40	8716.73	143037.90	
19	Maharashtra	116485.92	0	0	0	6124.19	6007.38	0	8602.18	137219.67	7085.98	3187.18	316.79	4468.31	787.16	0.22	15845.64	153065.31	
20	Manipur	0	0	0	0	0	455.48	0	0	455.48	0.00	6.72	0.00	0.00	0.00	0.00	6.72	462.20	
21	Meghalaya	0	0	0	0	0	841.82	0	0	841.82	0.00	0.47	0.00	0.00	44.21	0.00	44.68	886.50	
22	Mizoram	0	0	0	0	0	137.44	0	0	137.44	0.00	1.68	0.00	0.00	26.41	0.00	28.09	165.53	
23	Nagaland	0	0	0	0	0	100.55	0	0	100.55	0.00	0.00	0.00	0.00	63.47	0.00	63.47	164.02	
24	Odisha	60161.29	0	0	0	0	5230.63	0	0	65391.92	0.00	603.71	100.08	0.00	377.32	0.00	1081.10	66473.02	
25	Puducherry	0	0	0	0	251.13	0	0	0	251.13	0.00	12.24	0.00	0.00	0.00	0.00	12.24	263.37	
26	Punjab	24175.82	0	0	0	0	3709.73	0	0	27885.55	0.00	1473.41	576.83	208.30	983.37	0.24	3242.15	31127.70	
27	Rajasthan	40846.37	0	8762.03	0	1499.01	481.84	0	8308.85	59898.1	6493.19	17219.88	378.40	0.00	7.85	0.00	24099.31	83997.41	
28	Sikkim	0	0	0	0	0	11493.9	0	0	11493.9	0.00	0.00	0.00	0.00	12.35	0.00	12.35	11506.25	
29	Tamil Nadu	36802.55	0	22648	0	1732.22	5212.07	0	15625.3	82020.09	15821.18	7172.88	116.66	657.40	293.17	0.00	24061.28	106081.37	
30	Telangana	51550.06	0	0	0	0	5626.63	0	0	57176.69	275.69	6536.94	111.13	103.95	91.00	227.20	7345.89	64522.58	
31	Tripura	0	0	0	0	6332.25	0	0	0	6332.25	0.00	6.18	0.00	0.00	1.44	0.00	7.62	6339.87	
32	Uttar Pradesh	130698.93	0	0	0	1148.49	1402.68	0	3580.25	136830.35	0.00	2900.41	85.20	3160.39	162.54	20.40	6328.94	143159.29	
33	Uttarakhand	0	0	0	0	1012.32	14332.13	0	0	15344.45	0.00	301.60	0.00	244.02	326.70	0.00	872.32	16216.77	
34	West Bengal	83216.77	0	0	0	0	3189.84	0	0	86406.61	0.00	98.24	0.00	0.00	152.90	1593.96	1845.09	88251.70	
35	Chandigarh	0	0	0	0	0	0	0	0	0	0.00	14.19	0.00	0.00	0.00	0.00	14.19	14.19	
36	Dadra and Nagar Haveli and Daman and Diu	0	0	0	0	0	0	0	0	0	0.00	84.51	12.32	0.00	0.00	0.00	96.83	96.83	
Grand Total		1041487.4	117.24	37094.04	0	36015.77	151627.33	7493.2	47112.1	1320947.07	68640.07	73483.64	3482.7	12573.9	10463.55	2268.17	170911.9934	1491859.1	

Note: Others includes Waste to Energy, etc.

State/UT Fuel-Wise Generation from Conventional and Renewable Sources in the Country for the year 2022-23

(All Generation Figures are in Million Units)

S.No	State	Conventional Sources									Renewable Source							Grand Total
		Thermal					Hydro	Bhutan Import	Nuclear	Conventional Total	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total	
		Coal	Diesel	Lignite	Naptha	Natural Gas												
1	Andaman & Nicobar Islands	0.00	214.57	0.00	0.00	0.00	0.00	0.00	0.00	214.57	0.00	23.94	0.00	0.00	13.94	0.00	37.88	252.45
2	Andhra Pradesh	60931.93	0.00	0.00	0.00	610.00	3747.58	0.00	0.00	65289.51	7426.46	8140.72	54.86	99.93	410.90	279.04	16411.91	81701.42
3	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	4820.94	0.00	0.00	4820.94	0.00	22.27	0.00	0.00	2.55	0.03	24.85	4845.79
4	Assam	5026.24	0.00	0.00	0.00	3366.84	481.60	0.00	0.00	8874.68	0.00	216.35	0.00	0.00	62.66	0.00	279.01	9153.69
5	Bhutan	0.00	0.00	0.00	0.00	0.00	0.00	6742.40	0.00	6742.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6742.40
6	Bihar	55200.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55200.21	0.00	169.53	0.00	106.68	12.63	0.00	288.85	55489.06
7	Chhatisgarh	142599.20	0.00	0.00	0.00	0.00	237.37	0.00	0.00	142836.57	0.00	635.42	1194.60	17.10	155.92	0.00	2003.05	144839.62
8	Delhi	0.00	0.00	0.00	0.00	3784.30	0.00	0.00	0.00	3784.30	0.00	236.11	0.00	0.00	0.00	294.09	530.20	4314.50
9	Goa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.87	0.00	0.00	0.00	5.09	19.96	19.96
10	Gujarat	47596.58	0.00	5726.35	0.00	2158.69	6133.14	0.00	3639.91	65254.67	19206.22	10335.32	0.00	5.76	213.10	2.24	29762.63	95017.30
11	Haryana	32136.68	0.00	0.00	0.00	2.59	0.00	0.00	0.00	32139.27	0.00	555.20	356.07	203.01	241.90	63.55	1419.73	33559.00
12	Himachal Pradesh	0.00	0.00	0.00	0.00	0.00	38666.98	0.00	0.00	38666.98	0.00	58.76	0.00	0.00	2854.07	0.00	2912.83	41579.81
13	Jammu and Kashmir	0.00	0.00	0.00	0.00	0.00	16777.42	0.00	0.00	16777.42	0.00	0.00	0.00	0.00	393.20	0.00	393.20	17170.62
14	Jharkhand	30472.78	0.00	0.00	0.00	0.00	305.47	0.00	0.00	30778.25	0.00	19.70	0.00	0.00	2.40	0.00	22.10	30800.35
15	Karnataka	35014.30	0.00	0.00	0.00	0.00	13157.34	0.00	7443.24	55614.88	9967.89	14153.79	106.90	3037.31	2308.59	0.00	29574.48	85189.36
16	Kerala	0.00	0.12	0.00	0.00	0.00	7989.00	0.00	0.00	7989.12	179.32	879.75	0.00	62.85	824.34	0.00	1946.26	9935.38
17	Ladakh	0.00	0.00	0.00	0.00	0.00	402.78	0.00	0.00	402.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	402.78
18	Lakshadweep	0.00	15.02	0.00	0.00	0.00	0.00	0.00	0.00	15.02	0.00	0.10	0.00	0.00	0.00	0.00	0.10	15.12
19	Madhya Pradesh	135838.47	0.00	0.00	0.00	0.00	7309.07	0.00	0.00	143147.54	4486.72	3839.30	38.76	113.05	357.97	36.93	8872.72	152020.26
20	Maharashtra	124477.47	0.00	0.00	0.00	2429.56	5894.29	0.00	8985.48	141786.80	7243.06	4387.85	236.48	4572.03	766.73	0.44	17206.59	158993.39
21	Manipur	0.00	0.00	0.00	0.00	0.00	477.98	0.00	0.00	477.98	0.00	8.17	0.00	0.00	0.00	0.63	8.79	486.77
22	Meghalaya	0.00	0.00	0.00	0.00	0.00	980.25	0.00	0.00	980.25	0.00	0.00	0.00	0.00	72.16	0.00	72.16	1052.41
23	Mizoram	0.00	0.00	0.00	0.00	0.00	204.13	0.00	0.00	204.13	0.00	3.21	0.00	0.00	59.06	0.00	62.27	266.40
24	Nagaland	0.00	0.00	0.00	0.00	0.00	177.37	0.00	0.00	177.37	0.00	0.00	0.00	0.00	111.95	0.00	111.95	289.32
25	Odisha	64874.24	0.00	0.00	0.00	0.00	5462.81	0.00	0.00	70337.05	0.00	706.24	60.95	0.00	424.92	0.00	1192.10	71529.15
26	Puducherry	0.00	0.00	0.00	0.00	233.07	0.00	0.00	0.00	233.07	0.00	12.24	0.00	0.00	0.00	0.00	12.24	245.31
27	Punjab	31506.16	0.00	0.00	0.00	0.00	4399.65	0.00	0.00	35905.81	0.00	2778.66	497.68	210.76	682.48	0.00	4169.58	40075.39
28	Rajasthan	46966.68	0.00	9001.71	0.00	1450.33	967.43	0.00	6587.27	64973.42	6111.41	34474.43	397.05	0.00	7.17	0.00	40990.05	105963.47
29	Sikkim	0.00	0.00	0.00	0.00	0.00	11696.79	0.00	0.00	11696.79	0.00	0.00	0.00	0.00	12.35	0.00	12.35	11709.14
30	Tamil Nadu	43761.00	0.00	21460.28	0.83	1861.12	5965.77	0.00	16012.57	89061.57	16913.85	9419.39	126.93	869.56	296.71	0.00	27626.45	116688.02
31	Telangana	50738.20	0.00	0.00	0.00	0.00	6010.07	0.00	0.00	56748.27	279.23	6745.46	21.48	132.94	91.71	159.08	7429.89	64178.16
32	Tripura	0.00	0.00	0.00	0.00	7079.48	0.00	0.00	0.00	7079.48	0.00	6.58	0.00	0.00	0.00	0.00	6.58	7086.06
33	Uttar Pradesh	151154.99	0.00	0.00	0.00	908.23	974.04	0.00	3192.62	156229.88	0.00	3674.02	66.35	3183.67	234.69	58.45	7217.18	163447.06
34	Uttarakhand	0.00	0.00	0.00	0.00	0.00	15435.77	0.00	0.00	15435.77	0.00	331.80	0.00	248.52	352.07	0.00	932.39	16368.16
35	West Bengal	87612.45	0.00	0.00	0.00	0.00	3423.73	0.00	0.00	91036.18	0.00	125.04	0.00	0.00	204.44	1629.64	1959.12	92995.30
36	Chandigarh	0.00	0.00	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	12.61	12.61
37	Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	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	30.62	30.62
Grand Total		1145907.58	229.71	36188.34	0.83	23884.21	162098.77	6742.40	45861.09	1420912.93	71814.16	102014.24	3161.32	12863.16	11170.61	2529.18	203552.68	1624465.61

Note: Others includes Waste to Energy, etc.

State/UT Fuel-Wise Generation from Conventional and Renewable Sources in the Country for the year 2023-24

(All Generation Figures are in Million Units)

S.No	State	Conventional Sources									Renewable Source							Grand Total
		Thermal					Hydro	Bhutan Import	Nuclear	Conventional Total	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total	
		Coal	Diesel	Lignite	Naptha	Natural Gas												
1	Andaman & Nicobar Islands	0.00	335.79	0.00	0.00	0.00	0.00	0.00	0.00	335.79	0.00	27.50	0.00	0.00	12.00	0.00	39.50	375.29
2	Andhra Pradesh	71241.24	0.00	0.00	0.00	2.41	1373.19	0.00	0.00	72616.84	8644.00	8300.03	18.75	66.63	127.10	307.97	17464.48	90081.32
3	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	4278.18	0.00	0.00	4278.18	0.00	1.89	0.00	0.00	0.66	0.00	2.55	4280.73
4	Assam	5058.11	0.00	0.00	0.00	3375.27	614.70	0.00	0.00	9048.08	0.00	316.31	0.00	0.00	64.20	0.75	381.26	9429.34
5	Bhutan	0.00	0.00	0.00	0.00	0.00	0.00	4716.10	0.00	4716.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4716.10
6	Bihar	58361.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58361.80	0.00	195.19	0.00	140.98	5.92	0.00	342.08	58703.88
7	Chhattisgarh	162388.63	0.00	0.00	0.00	0.00	321.76	0.00	0.00	162710.39	0.00	943.75	1368.61	19.54	145.54	0.00	2477.44	165187.83
8	Delhi	0.00	0.00	0.00	0.00	3755.14	0.00	0.00	0.00	3755.14	0.00	206.53	0.00	0.00	0.00	522.28	728.81	4483.95
9	Goa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.99	0.00	0.00	0.00	7.96	67.95	67.95
10	Gujarat	70781.00	0.00	5816.43	0.00	8185.06	4556.33	0.00	7576.86	96915.68	24794.50	13468.91	0.00	2.13	217.68	0.00	38483.22	135398.90
11	Haryana	28060.15	0.00	0.00	0.00	137.28	0.00	0.00	0.00	28197.43	0.00	992.91	294.12	83.60	222.05	58.82	1651.50	29848.93
12	Himachal Pradesh	0.00	0.00	0.00	0.00	0.00	36365.85	0.00	0.00	36365.85	0.00	59.54	0.00	0.00	2526.98	0.00	2586.52	38952.37
13	Jammu and Kashmir	0.00	0.00	0.00	0.00	0.00	15874.24	0.00	0.00	15874.24	0.00	0.00	0.00	0.00	408.69	0.00	408.69	16282.93
14	Jharkhand	35764.81	0.00	0.00	0.00	0.00	196.80	0.00	0.00	35961.61	0.00	17.64	0.00	0.00	5.52	0.00	23.16	35984.77
15	Karnataka	44466.58	0.00	0.00	0.00	0.00	8973.17	0.00	7502.65	60942.40	10950.20	15404.09	47.45	2754.06	1370.76	0.00	30526.55	91468.95
16	Kerala	0.00	0.00	0.00	0.00	0.00	5155.72	0.00	0.00	5155.72	214.53	1195.28	0.00	78.08	716.31	0.04	2204.24	7359.96
17	Ladakh	0.00	0.00	0.00	0.00	0.00	388.48	0.00	0.00	388.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	388.48
18	Lakshadweep	0.00	64.79	0.00	0.00	0.00	0.00	0.00	0.00	64.79	0.00	0.09	0.00	0.00	0.00	0.00	0.09	64.88
19	Madhya Pradesh	148680.03	0.00	0.00	0.00	0.00	6444.78	0.00	0.00	155124.81	4949.78	4025.19	84.62	97.01	469.60	28.83	9655.02	164779.83
20	Maharashtra	132924.80	0.00	0.00	0.00	3970.83	5264.49	0.00	8112.38	150272.50	8228.97	5814.13	304.61	3495.82	888.48	33.40	18765.41	169037.91
21	Manipur	0.00	0.00	0.00	0.00	0.00	298.18	0.00	0.00	298.18	0.00	7.73	0.00	0.00	0.00	1.23	8.96	307.14
22	Meghalaya	0.00	0.00	0.00	0.00	0.00	808.58	0.00	0.00	808.58	0.00	0.00	0.00	0.00	66.55	0.00	66.55	875.13
23	Mizoram	0.00	0.00	0.00	0.00	0.00	118.63	0.00	0.00	118.63	0.00	3.19	0.00	0.00	95.93	0.00	99.11	217.74
24	Nagaland	0.00	0.00	0.00	0.00	0.00	165.47	0.00	0.00	165.47	0.00	0.00	0.00	0.00	81.14	0.00	81.14	246.61
25	Odisha	66019.81	0.00	0.00	0.00	0.00	6162.20	0.00	0.00	72182.01	0.00	757.69	96.07	0.00	407.97	0.00	1261.72	73443.73
26	Puducherry	0.00	0.00	0.00	0.00	224.10	0.00	0.00	0.00	224.10	0.00	12.24	0.00	0.00	0.00	0.00	12.24	236.34
27	Punjab	32462.85	0.00	0.00	0.00	0.00	4676.42	0.00	0.00	37139.27	0.00	2673.99	613.44	197.99	636.97	0.00	4122.40	41261.67
28	Rajasthan	51701.62	0.00	8776.46	0.00	1144.62	1013.97	0.00	7059.67	69696.34	8390.67	38363.28	387.55	0.00	7.45	0.00	47148.96	116845.30
29	Sikkim	0.00	0.00	0.00	0.00	0.00	8609.85	0.00	0.00	8609.85	0.00	0.00	0.00	0.00	12.35	0.00	12.35	8622.20
30	Tamil Nadu	54058.30	0.00	19356.90	0.03	1918.59	3563.28	0.00	14811.22	93708.32	16908.08	11737.48	129.14	622.61	206.00	0.00	29603.31	123311.63
31	Telangana	56913.73	0.00	0.00	0.00	0.00	1243.29	0.00	0.00	58157.02	304.63	6884.68	10.57	95.08	58.87	155.29	7509.10	65666.12
32	Tripura	0.00	0.00	0.00	0.00	6353.31	0.00	0.00	0.00	6353.31	0.00	7.01	0.00	0.00	0.00	0.00	7.01	6360.32
33	Uttar Pradesh	152505.20	0.00	0.00	0.00	1619.52	850.64	0.00	2874.63	157849.99	0.00	3971.31	46.65	2923.55	175.24	84.85	7201.59	165051.58
34	Uttarakhand	0.00	0.00	0.00	0.00	609.78	13919.23	0.00	0.00	14529.01	0.00	331.80	0.00	248.52	350.62	0.00	930.94	15459.95
35	West Bengal	89513.96	0.00	0.00	0.00	0.00	2816.49	0.00	0.00	92330.45	0.00	168.32	2.49	0.00	204.46	1545.13	1920.39	94250.84
36	Chandigarh	0.00	0.00	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	11.70	11.70
37	Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	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	28.86	28.86
Grand Total		1260902.62	400.58	33949.79	0.03	31295.91	134053.92	4716.10	47937.41	1513256.36	83385.35	115975.11	3417.19	10825.59	9485.04	2746.55	225834.83	1739091.19

Note: Others includes Waste to Energy, etc.

State/UT Fuel-Wise Generation from Conventional and Renewable Sources in the Country for the year 2024-25 (upto December, 2024)
(All Generation Figures are in Million Units)

S.No	State	Conventional Sources									Renewable Source							Grand Total
		Thermal					Hydro	Bhutan Import	Nuclear	Convention al Total	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total	
		Coal	Diesel	Lignite	Naptha	Natural Gas												
1	Andaman & Nicobar Islands	0.00	278.31	0.00	0.00	0.00	0.00	0.00	0.00	278.31	0.00	18.13	0.00	0.00	12.81	0.00	30.94	309.25
2	Andhra Pradesh	52879.08	0.00	0.00	0.00	34.04	2684.39	0.00	0.00	55997.51	6028.69	5669.37	13.68	33.39	182.39	227.52	12155.04	67752.55
3	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	3770.19	0.00	0.00	3770.19	0.00	0.89	0.00	0.00	0.44	0.00	1.32	3771.51
4	Assam	3683.97	0.00	0.00	0.00	2555.49	842.47	0.00	0.00	7081.93	0.00	229.07	0.00	0.00	186.31	0.26	415.63	7497.56
5	Bhutan	0.00	0.00	0.00	0.00	0.00	0.00	5240.20	0.00	5240.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5240.20
6	Bihar	45481.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45481.55	0.00	238.63	0.00	33.70	11.93	0.00	284.26	45765.81
7	Chhattisgarh	122204.91	0.00	0.00	0.00	0.00	286.72	0.00	0.00	122491.63	0.00	1085.56	1135.65	6.28	125.33	0.00	2352.81	124844.44
8	Delhi	0.00	0.00	0.00	0.00	3354.59	0.00	0.00	0.00	3354.59	0.00	154.90	0.00	0.00	0.00	418.05	572.95	3927.54
9	Goa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.83	0.00	0.00	0.00	6.10	48.93	48.93
10	Gujarat	59938.24	0.00	3940.25	0.00	7849.86	5140.62	0.00	8910.06	85779.03	19654.70	13405.20	43.48	0.00	129.07	0.00	33232.45	119011.48
11	Haryana	23519.35	0.00	0.00	0.00	215.37	0.00	0.00	0.00	23734.72	0.00	1103.36	263.14	44.60	202.62	39.65	1653.37	25388.09
12	Himachal Pradesh	0.00	0.00	0.00	0.00	0.00	35641.35	0.00	0.00	35641.35	0.00	69.54	0.00	0.00	2807.17	0.00	2876.71	38518.06
13	Jammu and Kashmir	0.00	0.00	0.00	0.00	0.00	13580.17	0.00	0.00	13580.17	0.00	0.00	0.00	0.00	351.55	0.00	351.55	13931.72
14	Jharkhand	29477.22	0.00	0.00	0.00	0.00	227.73	0.00	0.00	29704.95	0.00	13.23	0.00	0.00	2.10	0.00	15.33	29720.28
15	Karnataka	31271.54	0.00	0.00	0.00	0.00	9993.66	0.00	5704.49	46969.69	11029.54	11113.02	23.36	1339.14	1993.91	0.00	25498.96	72468.65
16	Kerala	0.00	1.53	0.00	0.00	0.00	5417.55	0.00	0.00	5419.08	98.27	1206.56	0.00	20.53	711.17	43.39	2079.91	7498.99
17	Ladakh	0.00	0.00	0.00	0.00	0.00	373.52	0.00	0.00	373.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	373.52
18	Lakshadweep	0.00	49.71	0.00	0.00	0.00	0.00	0.00	0.00	49.71	0.00	0.07	0.00	0.00	0.00	0.00	0.07	49.78
19	Madhya Pradesh	107974.90	0.00	0.00	0.00	0.00	6249.91	0.00	0.00	114224.81	3700.92	4704.07	44.23	60.30	364.63	47.59	8921.74	123146.55
20	Maharashtra	96698.14	0.00	0.00	0.00	4461.65	4048.56	0.00	6950.43	112158.78	6778.69	5265.44	185.92	1427.04	624.77	65.70	14347.56	126506.34
21	Manipur	0.00	0.00	0.00	0.00	0.00	580.84	0.00	0.00	580.84	0.00	6.46	0.00	0.00	0.00	0.00	6.46	587.30
22	Meghalaya	0.00	0.00	0.00	0.00	0.00	809.90	0.00	0.00	809.90	0.00	0.00	0.00	0.00	102.96	0.00	102.96	912.86
23	Mizoram	0.00	0.00	0.00	0.00	0.00	218.69	0.00	0.00	218.69	0.00	16.73	0.00	0.00	43.83	0.00	60.56	279.25
24	Nagaland	0.00	0.00	0.00	0.00	0.00	203.12	0.00	0.00	203.12	0.00	0.00	0.00	0.00	93.01	0.00	93.01	296.13
25	Odisha	51004.53	0.00	0.00	0.00	0.00	5123.09	0.00	0.00	56127.62	0.00	570.94	49.43	0.00	392.68	0.00	1013.05	57140.67
26	Puducherry	0.00	0.00	0.00	0.00	158.00	0.00	0.00	0.00	158.00	0.00	9.18	0.00	0.00	0.00	0.00	9.18	167.18
27	Punjab	25957.84	0.00	0.00	0.00	0.00	3449.60	0.00	0.00	29407.44	0.00	1030.97	511.31	187.36	630.33	0.00	2359.97	31767.41
28	Rajasthan	41648.64	0.00	6290.10	0.00	763.05	526.04	0.00	5817.48	55045.31	5503.12	35949.22	291.23	0.00	1.61	0.00	41745.18	96790.49
29	Sikkim	0.00	0.00	0.00	0.00	0.00	1858.46	0.00	0.00	1858.46	0.00	0.00	0.00	0.00	9.27	0.00	9.27	1867.73
30	Tamil Nadu	40447.61	0.00	14533.98	0.00	1295.75	3667.34	0.00	12847.72	72792.40	14955.10	11207.25	80.02	252.84	194.21	0.00	26689.43	99481.83
31	Telangana	41308.01	0.00	0.00	0.00	0.00	4796.51	0.00	0.00	46104.52	234.36	4942.51	7.78	28.80	62.95	192.54	5468.94	51573.46
32	Tripura	0.00	0.00	0.00	0.00	3812.95	0.00	0.00	0.00	3812.95	0.00	4.39	0.00	0.00	0.00	0.00	4.39	3817.34
33	Uttar Pradesh	121857.35	0.00	0.00	0.00	1198.95	930.95	0.00	2799.83	126787.08	0.00	3600.06	38.18	1131.34	118.63	25.29	4913.49	131700.57
34	Uttarakhand	0.00	0.00	0.00	0.00	836.59	12832.82	0.00	0.00	13669.41	0.00	248.85	0.00	186.39	265.05	0.00	700.29	14369.70
35	West Bengal	69765.64	0.00	0.00	0.00	0.00	2167.30	0.00	0.00	71932.94	0.00	214.20	0.00	0.00	145.73	1085.60	1445.52	73378.46
36	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.59	0.00	0.00	0.00	0.00	7.59	7.59
37	Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.34	9.37	0.00	0.00	0.00	20.71	20.71
Grand Total		965118.52	329.55	24764.33	0.00	26536.29	125421.50	5240.20	43030.01	1190440.40	67983.39	102139.54	2696.77	4751.71	9766.44	2151.69	189489.54	1379929.94

Note: Others includes Waste to Energy, etc.
