

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 1577**  
ANSWERED ON 31/07/2024

**STATUS OF NEW AND RENEWABLE ENERGY PROJECTS IN TAMIL NADU**

1577. KM. SUDHA R

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) the details of targeted and installed capacity of new and renewable energy based on source, State-wise;
- (b) the details of sanctioned projects, source-wise for new and renewable energy in Tamil Nadu; and
- (c) the details of the funds allocated and utilized for such projects in Tamil Nadu?

**ANSWER**

**THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER**

**(SHRI SHRIPAD YESSO NAIK)**

(a) The Government has set a target of achieving 500 GW of non-fossil power installed capacity by 2030, in line with the Hon'ble Prime Minister's announcement at CoP-26. No specific targets have been set source-wise or state-wise.

As on 30.06.2024, total non-fossil power capacity of 203.19 GW (45.5% of total power capacity) has been installed . The State-wise and Source-wise details of non-fossil power installed capacity are given at **Annexure-I**.

(b) The details of sanctioned projects in Tamil Nadu under major ongoing schemes/programmes of Ministry of New and Renewable Energy (MNRE), are given at **Annexure-II**.

(c) MNRE is implementing various schemes and programmes for development and deployment of renewable energy, under which funds are released in accordance with respective scheme guidelines. No State-wise allocation of funds is made by the Ministry. The details of Central Financial Assistance (CFA) released to Tamil Nadu under major schemes/programmes of the Ministry during the last three years and the current financial year are as under:

<b>Year</b>	<b>CFA released (In Rs. crore)</b>
2021-22	158.85
2022-23	112.37
2023-24	18.45
2024-25 (Up to June)	18.25

**Annexure I referred to in reply of part (a) of the Lok Sabha Unstarred Question No. 1577 to be answered on 31.07.2024**

<b>State-wise and Source-wise Non-Fossil Power Installed Capacity as on 30.06.2024 (in MW)</b>							
<b>S. No.</b>	<b>States/UTs</b>	<b>Solar Power</b>	<b>Wind Power</b>	<b>Bio Power</b>	<b>Hydro Power</b>	<b>Nuclear Power</b>	<b>Total</b>
1	Andhra Pradesh	4623.20	4096.65	574.39	1773.31	0.00	11067.55
2	Arunachal Pradesh	11.94	0.00	0.00	1248.11	0.00	1260.05
3	Assam	177.90	0.00	2.00	384.11	0.00	564.01
4	Bihar	239.23	0.00	140.22	70.70	0.00	450.15
5	Chhattisgarh	1242.70	0.00	275.00	196.00	0.00	1713.70
6	Goa	45.45	0.00	1.94	0.05	0.00	47.44
7	Gujarat	14358.61	11852.68	112.98	2081.64	1840.00	30245.91
8	Haryana	1628.82	0.00	285.03	73.50	0.00	1987.35
9	Himachal Pradesh	129.00	0.00	10.20	11250.73	0.00	11389.93
10	Jammu & Kashmir	65.44	0.00	0.00	3529.93	0.00	3595.37
11	Jharkhand	166.67	0.00	19.10	214.05	0.00	399.82
12	Karnataka	8819.77	6469.61	1907.72	4969.93	880.00	23047.03
13	Kerala	1164.97	63.50	2.50	2140.67	0.00	3371.64
14	Ladakh	7.80	0.00	0.00	131.99	0.00	139.79
15	Madhya Pradesh	4076.92	2844.29	134.94	2358.71	0.00	9414.86
16	Maharashtra	6591.41	5212.18	2644.75	3431.28	1400.00	19279.62
17	Manipur	13.04	0.00	0.00	110.45	0.00	123.49
18	Meghalaya	4.28	0.00	13.80	377.03	0.00	395.11
19	Mizoram	30.31	0.00	0.00	105.47	0.00	135.78
20	Nagaland	3.17	0.00	0.00	107.67	0.00	110.84
21	Odisha	508.47	0.00	59.22	2270.18	0.00	2837.87
22	Punjab	1357.93	0.00	567.25	1272.40	0.00	3197.58
23	Rajasthan	22415.22	5195.82	125.64	434.85	1180.00	29351.53
24	Sikkim	7.04	0.00	0.00	2337.11	0.00	2344.15
25	Tamil Nadu	8617.60	10789.24	1045.45	2301.25	2440.00	25193.54
26	Telangana	4803.71	128.10	221.67	2496.47	0.00	7649.95
27	Tripura	19.74	0.00	0.00	16.01	0.00	35.75
28	Uttar Pradesh	3066.77	0.00	2230.31	550.70	440.00	6287.78
29	Uttarakhand	575.53	0.00	142.24	4254.17	0.00	4971.94
30	West Bengal	194.07	0.00	348.36	1439.70	0.00	1982.13
31	Andaman & Nicobar	29.91	0.00	0.00	5.25	0.00	35.16
32	Chandigarh	65.52	0.00	0.00	0.00	0.00	65.52
33	Dadar & Nagar Haveli/ Daman & Diu	46.46	0.00	0.00	0.00	0.00	46.46
34	Delhi	264.31	0.00	84.00	0.00	0.00	348.31
35	Lakshadweep	4.97	0.00	0.00	0.00	0.00	4.97
36	Pondicherry	51.42	0.00	0.00	0.00	0.00	51.42
37	Others	45.01	4.30	0.00	0.00	0.00	49.31
	<b>Total (MW)</b>	<b>85474.31</b>	<b>46656.37</b>	<b>10948.71</b>	<b>51933.42</b>	<b>8180.00</b>	<b>203192.81</b>

**Annexure II referred to in reply of part (b) of the Lok Sabha Unstarred Question No. 1577 to be answered on 31.07.2024**

**PM Surya Ghar: Muft Bijli Yojana**

The Government has launched the PM Surya Ghar: Muft Bijli Yojana in February 2024 to empower one crore residential households in the country to generate their own electricity by installation of rooftop solar systems with a total outlay of Rs.75,021 crore. In the State of Tamil Nadu, as of 30.06.2024, a total of 9.47 lakh people have registered under this scheme, 61,721 consumer applications have been received and 5,810 rooftop solar systems have been installed.

**Green Energy Corridor (GEC):**

**GEC (Phase-I):**

The transmission system under Green Energy Corridor (GEC-I) is being implemented by MNRE through the State Transmission Utilities of 8 Renewable Energy (RE) rich States, including Tamil Nadu. In Tamil Nadu, it is being implemented by Transmission Corporation of Tamil Nadu Limited (TANTRANSCO). As of 30.06.2024, 1068 circuit kilometers (ckm) of transmission lines and 1910 Mega Volt-Amperes (MVA) substations have been constructed.

**GEC (Phase-II):**

Green Energy Corridor Intra-State Transmission System Phase-II scheme has been approved for 7 States, including Tamil Nadu. Tamil Nadu is setting up 624 circuit kilometers (ckm) of transmission lines and 2200 MVA capacity substations by FY 2025-26 for evacuation of renewable energy.

**Off-shore Wind Energy projects:**

The Union Cabinet approved the Viability Gap Funding (VGF) scheme for offshore wind energy projects at a total outlay of Rs.7453 crore, including an outlay of Rs.6853 crore for installation and commissioning of 1 GW of offshore wind energy projects (500 MW each off the coast of Gujarat and Tamil Nadu), and grant of Rs.600 crore for upgradation of two ports to meet logistics requirements for offshore wind energy projects.

**Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM)**

MNRE is implementing Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM) which aims for de-dieselisation of the farm sector, providing water and energy security to farmers, increasing the income of farmers and curbing environmental pollution. The scheme has the following three components:

- Component-A: Installation of small solar power plants on the land of the farmers
- Component-B: Installation of standalone off-grid solar water pumps
- Component-C: Solarization of existing grid-connected agriculture pumps

The status of the projects sanctioned in Tamil Nadu is given below:

<b>Component-A (in MW)</b>		<b>Component-B (in Nos.)</b>	
Sanctioned	Installed	Sanctioned	Installed
424	0	5200	3236

**Waste to Energy and Biomass Programmes:**

Under Waste to Energy programme (programme on energy from urban, industrial and agricultural wastes/residues), 5 projects have been sanctioned in Tamil Nadu by the Ministry.

Under Biomass programme [scheme to support manufacturing of briquettes & pellets and promotion of biomass (non-bagasse) based cogeneration in industries], the Ministry has sanctioned one project in Tamil Nadu.