

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-3846
ANSWERED ON-18.03.2021

PROJECTS RELATED TO ALTERNATIVE SOURCES OF ENERGY

3846. SHRI DAYANIDHI MARAN

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

- (a) the details of new projects related to alternative sources of energy that have been implemented in Tamil Nadu during the last three years and the current year;
- (b) the details of total expenditure incurred on setting up of said projects during the said period in different State; and
- (c) whether any new projects are under consideration in Tamil Nadu and if so, the details thereof?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY, POWER and MoS for SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) As per information provided by Tamil Nadu Energy Development Agency (TEDA), the details of the renewable energy projects implemented in the State of Tamil Nadu during the last years and the current year (upto February, 2021) are given below:

Renewable Sources	Year wise Installed Capacity in MW			
	2017-18	2018-19	2019-20	2020-21*
Solar	312	638.62	1275.875	317.38
Wind	325.635	771.905	265.16	188.63
Bagasse	4.5	33	0	0
Biomass	7.669	27.925	0	0
Total	649.804	1471.45	1541.035	446.01

*For 2020-21 upto Feb 2021

(b) The state-wise details of central financial assistance provided to States including the State of Tamil Nadu for promotion of renewable energy projects during the last three years and the current year (upto 15/3/2021) are given in the **Annexure**.

(c) As informed by TEDA, the following projects are under consideration in the State of Tamil Nadu:

- Establishment of 500MW solar PV Plants under PM-KUSUM scheme Component-A through Tamil Nadu Generation and Distribution Corporation (TANGEDCO).
- Solar power plants of 1MW capacity with storage facilities planned by TANGEDCO at an estimated cost of Rs.6 crore in the spare land available at the substations on a pilot basis, to encourage farmers to do farming in the day time and the excess energy available will be stored and used to cater to peak hour loads.
- Setting up of 2000 MW capacity Ultra Mega Renewable Energy Power Project (UMREPP) through M/s NLC India Ltd.
- Under ISTS – Tranche VI with M/s SECI: Power Sale Agreement executed between M/s SECI and TANGEDCO for 500 MW SPV plants to be established under ISTS – Tranche VI.
- MOU signed with Solar Energy Corporation of India (SECI) for Solarisation of Agricultural feeder by installing 50 MW SPV plants.
- Establishment of 10MW Wind Solar Hybrid plant with storage facility in Joint Venture mode by TEDA at Kayathar Village, Thoothukudi District.

Annexure**Annexure referred to Part (b) of Lok Sabha Unstarred Question No. 3846 for 18/03/2021
regarding “Projects Related to Alternative Sources of Energy”**

(Rs in Crore)

State-wise and Year-wise details of amount released as central Financial Assistance					
S No.	State / UT Name	2017-18	2018-19	2019-20	2020-21 (upto 15/3/2021)
1	MAHARASHTRA	43.12	147.38	55.94	69.4
2	LAKSHADWEEP	3.97	0	0	0
3	TELANGANA	26.26	18.67	28.17	23.12
4	JAMMU AND KASHMIR	16.12	85.84	21.39	4.89
5	PUNJAB	4.42	30.04	22.23	20.93
6	RAJASTHAN	103.14	64.52	88.6	58
7	KERALA	44.02	20.73	3.57	12.37
8	ARUNACHAL PRADESH	45.16	5.94	24.07	1.66
9	TRIPURA	2.73	0.22	12.98	4.52
10	NAGALAND	11.49	2.39	16.55	0
11	SIKKIM	0.18	2.74	0.05	0
12	MEGHALAYA	23.28	2.08	4.14	0.95
13	UTTARAKHAND	39.93	0.45	23.99	10.69
14	WEST BENGAL	6.58	4.19	13.38	0
15	HARYANA	2.16	22.39	18.51	30.49
16	GUJARAT	158.89	361.08	124.33	22.19
17	ANDAMAN AND NICOBAR ISLANDS	3.03	0	0	1.01
18	ODISHA	13.55	9.11	11.04	1.12
19	TAMIL NADU	53.5	54.94	55.44	8.58
20	MANIPUR	6.65	0	16.86	14.59
21	DADRA AND NAGAR HAVELI	0.34	0	0	0
22	CHANDIGARH	2.23	18.76	5.13	0.85
23	CENTRAL AGENCY	1875.77	2684.48	2564.23	1807.13
24	JHARKHAND	5.58	0.99	10.84	16.05
25	UTTAR PRADESH	36.41	37.85	64.33	72.89
26	KARNATAKA	38.21	100.18	16.48	11.45
27	CHHATTISGARH	161.96	95.81	5.16	2.5
28	DELHI	311.45	228.25	11.63	55.07
29	ANDHRA PRADESH	138.32	213.15	30.66	62.23
30	ASSAM	24.86	0.2	33.29	3.11
31	MIZORAM	21.47	7.89	16.12	1.88
32	HIMACHAL PRADESH	42.3	84.13	32.04	53.34
33	PUDUCHERRY	0.31	0.1	0.79	0
34	GOA	0	0	0	0.08
35	MADHYA PRADESH	442.13	105.01	94.84	22.58
36	Bihar	0	5.26	1.38	1.49
37	Ladakh	0	0	0	9.31