

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
STARRED QUESTION NO. 326
ANSWERED ON 23.03.2023

NEW AND RENEWABLE ENERGY PROJECTS

*326. MS. RAMYA HARIDAS

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

- (a) the details of the ongoing new and renewable energy projects in the country and their expected date of completion; and
- (b) the details of the future plans for the implementation of new and renewable energy projects, State/UT-wise?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER
(SHRI R.K. SINGH)

(a) & (b) A Statement is laid on the Table of the House.

**STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION No. 326 for
ANSWER ON 23-03-2023**

(a) & (b) Most of renewable energy projects in the country are being set up by private sector developers selected through a transparent bidding process. Private sector developers identify locations for setting up renewable energy projects depending upon availability of the renewable energy resource, land and power evacuation infrastructure, and certain other factors.

In accordance with Hon'ble Prime Minister's announcement at COP26, Ministry of New and Renewable Energy is committed to achieving 500 GW of installed electricity capacity from non-fossil fuel sources by 2030.

The state-wise details of renewable energy projects under various stages of implementation in the country are given in **Annexure**.

Annexure referred to in reply to part (a) & (b) of Lok Sabha Starred Question No. 326 for 23/03/2023 regarding 'New and Renewable Energy Projects'

Details of under implementation projects (as on 28-02-2023)

1. Solar Power:

S. No	State	Capacity (in MW)	Range for expected date of commissioning
1	Andhra Pradesh	2650.00	Up to Sept 2024
2	Assam	55.00	Up to Sept 2024
3	Bihar	255.00	Sept 2023 - Nov 2023
4	Chhattisgarh	1655.39	June 2023 - Aug 2023
5	Gujarat	7921.90	March 2023 - Dec 2024
6	Himachal Pradesh	25.15	March 2024
7	Karnataka	2181.00	Dec 2023 - Sept 2024
8	Kerala	260.65	March 2023
9	Ladakh	20.00	Feb 2024
10	Madhya Pradesh	2326.00	June 2023 - Nov 2023
11	Maharashtra	3823.96	April 2023 - Oct 2023
12	Mizoram	20.00	March 2023
13	Odisha	40.00	March 2023
14	Punjab	400.00	March 2023 - Dec 2023
15	Rajasthan	23207.50	March 2023 - Nov 2026
16	Tamil Nadu	1061.10	Up to Sept 2024
17	Telangana	76.00	Up to Sept 2024
18	Uttar Pradesh	343.00	Up to March 2024
19	Uttarakhand	160.00	April 2023
20	West Bengal	122.00	March 2025
21	Anywhere in India	1100.00	Up to Sept 2024
22	Anywhere in India	4060.00	Not available
Total		51763.65*	

*including Solar Component of Hybrid/RTC projects

2. Wind Power:

Sl. No.	Wind Power Projects	Capacity (MW)	States	Range for expected date of commissioning
1.	SECI Tranche – II	200	Gujarat	Petition pending at CERC
2.	SECI Tranche – III	1049.8	Gujarat	Petitions pending at CERC/ DRC
3.	SECI Tranche – IV	827	Gujarat and Tamil Nadu	Petitions pending at CERC/DRC for part capacity (665 MW), Remaining capacity expected by March 2023
4.	Tamil Nadu (TANGEDCO)	400.5	Tamil Nadu	Not Available
5.	Maharashtra (MSEDCL)	225.6	Maharashtra	Not Available
6.	SECI Tranche – V	633.5	Gujarat and Karnataka	Petitions pending at DRC for part capacity (175 MW), Remaining capacity expected by March 2023
7.	SECI Tranche – VI	58.2	Gujarat	Revised SCD was Dec. 2022.
8.	SECI Tranche – VII	211.5	Gujarat	Petitions pending at CERC for part capacity (200 MW). Revised SCD of remaining capacity was Aug 2022.
9.	GUVNL Ph. – II	40	Gujarat	Petition pending at GERC

Sl. No.	Wind Power Projects	Capacity (MW)	States	Range for expected date of commissioning
10.	SECI Tranche – VIII	440	Gujarat and Karnataka	Petitions pending at CERC for part capacity (190 MW). Revised SCD of remaining capacity was May 2023.
11.	SECI Tranche – IX	970	Karnataka and Tamil Nadu	December 2023
12.	SECI Tranche – X	1173	Karnataka, Maharashtra and Tamil Nadu	June 2023
13.	SECI Tranche – XI	1200	Karnataka and Maharashtra	December 2023 – July 2024
14.	SECI Tranche – XII	1100	Gujarat and Karnataka	Not Available
15.	GUVNL Ph. – III	1000	Gujarat	Not Available
16.	SECI Tranche – XIII	600	Gujarat, Karnataka and Maharashtra	Not Available
17.	Wind Solar Hybrid Tranche III (Wind Component)	370.1	Rajasthan	Not Available
18.	Assured Peak Power (Wind Component)	322.25	Karnataka	February 2024
19.	RTC project (Wind Component)	900	Maharashtra and Karnataka	June 2023
20.	Wind Solar Hybrid Tranche IV (Wind Component)	400	Karnataka, Tamil Nadu, Rajasthan and Gujarat	December 2023 – March 2024
21.	Wind Solar Hybrid Tranche V (Wind Component)	389.9	Karnataka, Rajasthan and Gujarat	January 2025
	Total	12511.35		

3. Small Hydro Power:

S. No.	State	Capacity (MW)	Range of expected date of commissioning*
1	Arunachal Pradesh	6.05	September 2023 to March 2027
2	Andhra Pradesh	1.20	March 2024
3	Gujarat	21.66	December 2023
4	Himachal Pradesh	244.84	March 2024 to December 2030
5	UT of J&K	44.15	December 2024 to March 2026
6	UT of Ladakh	8.10	December 2023 to December 2024
7	Karnataka	16.45	March 2024 to December 2027
8	Kerala	37.50	July 2023 to March 2024
9	Madhya Pradesh	7.60	December 2024 to December 2027
10	Maharashtra	9.30	September 2023 to November 2025
11	Meghalaya	25.50	December 2024 to March 2027
12	Nagaland	3.40	March 2024 to March 2026
13	Odisha	56.50	December 2027
14	Punjab	1.75	April 2024 to December 2026
15	Uttar Pradesh	1.50	December 2025
16	Uttarakhand	65.73	May 2024 to April 2029
	Total	551.23	

* Small Hydro Power projects generally take 4 to 5 years or more to commission from the start of construction depending upon location or severity of unforeseen situations like flood, landslides, geological surprises etc.

4. Large Hydro Power:

Sl. No.	State	Capacity (MW)	Range for expected date of commissioning
1.	Andhra Pradesh	2160.00	2024-26
2.	Arunachal Pradesh	4880.00	2023-32
3.	Assam	120.00	2024-25
4.	Himachal Pradesh	2490.00	2023-28
5.	UT of Jammu & Kashmir	3099.50	2024-27
6.	Kerala	140.00	2023-27
7.	Madhya Pradesh	400.00	*Project is presently stalled, commissioning subject to re-start of works
8.	Maharashtra	80.00	
9.	Punjab	206.00	2024-25
10.	Sikkim	1037.00	2024-26
11.	Tamil Nadu	500.00	2024-25
12.	Uttarakhand	2571.00	2023-29
13.	West Bengal	120.00	2026-27
	Total	17803.5	