

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 308
ANSWERED ON 05/12/2023

CLEAN ENERGY TARGET BY 2030

308. SHRI SYED NASIR HUSSAIN

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

- (a) the details of the funds allocated, released, utilised of the initiatives being taken for the development of clean energy in the country, project-wise, State-wise;
- (b) the details of the status of the initiatives being taken for the development of clean energy in the country, project-wise, State-wise;
- (c) whether Government has any strategy to achieve the 2030 target of producing more than 50 per cent of the country's power needs using renewable sources; and
- (d) if so, the details of the steps taken to date, State-wise?

ANSWER

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

(a) Ministry is implementing various schemes and programmes for development and deployment of renewable energy, under which funds are released in accordance with respective scheme guidelines. During the year 2022-23 and 2023-24 (Upto 31.10.2023) details of fund allocated and utilized by the Ministry is given below:

(Rs. In Crores)

Year	Allocated	Utilized
2022-23	7033.00	5745.86
2023-24 (As on 31.10.2023)	7848.00	3967.33

The state wise details of funds released under major Programmes/ Projects by the Ministry are given in **Annexure.**

At present, most of the utility-scale renewable energy projects in the country are being set up by private sector developers, selected through a transparent bidding process.

(b) to (d) As per the updated Nationally Determined Contribution submitted to the United Nations Framework Convention for Climate Change, Government of India has committed to achieving 50% non-fossil based installed electricity capacity by 2030. So far, a total of 186.46 GW capacity from non-fossil fuel-based energy resources has been installed in the country as on 31.10.2023, which includes 178.98 GW Renewable Energy and 7.48 GW Nuclear Power. In addition, 114.08 GW of capacity is under implementation and 55.13 GW capacity is under tendering. The share of non-fossil fuel sources in India's total installed electricity generation capacity reached 43.82% as on 31 October 2023.

Renewable Energy Programmes/ Projects are being implemented in all the States/ UTs of the Country and following specific measures/steps have been undertaken to promote development of renewable energy in the country:

- Permitting Foreign Direct Investment (FDI) up to 100 percent under the automatic route,
- Waiver of Inter State Transmission System (ISTS) charges for inter-state sale of solar and wind power for projects to be commissioned by 30th June 2025,
- Specifying the minimum share of consumption of non-fossil resources by designated consumers, including Distribution Companies, up to 2029-30,
- Setting up of Ultra Mega Renewable Energy Parks to provide land and transmission to RE developers for installation of RE projects at large scale,
- Schemes such as Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), Solar Rooftop Phase II, 12000 MW CPSU Scheme Phase II,
- Laying of new transmission lines and creating new sub-station capacity under the Green Energy Corridor Scheme for evacuation of renewable power,
- Notification of standards for deployment of solar photovoltaic system/devices,
- Standard Bidding Guidelines for tariff based competitive bidding process for procurement of Power from Grid Connected Solar PV and Wind Projects.
- Government has issued orders that power shall be dispatched against Letter of Credit (LC) or advance payment to ensure timely payment by distribution licensees to RE generators.
- Notification of Promoting Renewable Energy through Green Energy Open Access Rules 2022.
- Notification of The Electricity (Late Payment Surcharge and related matters) Rules (LPS rules).
- Green Term Ahead Market (GTAM) to facilitate sale of Renewable Energy Power through exchanges.
- National Green Hydrogen Mission launched with an aim to make India a global hub for production, utilization and export of Green Hydrogen and its derivatives.
- Notification of prescribed trajectory for RE power bids of 50 GW/ annum to be issued by Renewable Energy Implementation Agencies from FY 2023-24 to FY 2027-28.

Annexure referred to in reply to part (a) of Rajya Sabha Unstarred Question No. 308 for 05/12/2023 regarding 'Clean energy target by 2030'

State wise fund released under Major Programme of Ministry of New and Renewable Energy (Rs in Crores)

State	Year 2022-23								Year 2023-24							
	Major Programme/ Projects								Major Programme/ Projects							
	Solar Parks	Rooftop	PM-KUSUM	Solar Off-grid	GEC	SHP	Biomass	Biogas	Solar Parks	Rooftop	PM-KUSUM	Solar Off-grid	GEC	SHP	Biomass	Biogas
Andhra Pradesh		5.64		0.00	0.00		50.40	0.00		2.02		0.00	47.54		2.72	
Arunachal Pradesh			0.82	8.49		183.04		0.00			0.61	0.00				0.10
Assam		4.93		10.86				0.11				0.00				1.26
Bihar				0.00				0.00		7.15		0.00				
Chhattisgarh		3.29		1.12				3.70		1.24		6.23				0.95
Goa				0.00								0.00				
Gujarat	522.17	1040.24	7.83	0.00	27.97	318.75	1.37		355.454	406.64	5.35	0.00	23.85	157.50	0.00	8.14
Haryana		14.67	137.95	0.00			3.50			13.51	169.96	0.00		70.21	0.00	
Himachal Pradesh		11.70	5.85	0.00	4.03	41.25				2.44		0.00	40.50	60.00		
Jammu & Kashmir		1.25	15.69	11.04		150.00						0.00				
Jharkhand		3.01	20.04	0.00								0.00				
Karnataka		9.87		0.00	17.50			0.12		3.92	2.38	0.00	69.35			0.23
Kerala	2.52	102.46		0.00		163.00				78.53	23.84	0.74		45.00		
Ladakh				0.00		879.89						0.00		656.54		
Madhya Pradesh	109.355	34.99		0.00	96.77		0.00	0.29	50.096	3.82		0.00	22.26		0.83	6.65
Maharashtra	12	55.70	247.60	0.00	5.08		1.75	3.04		3.62	147.56	0.00	0.00	0.00	0.56	0.28
Manipur			0.23	5.86								0.00				
Meghalaya				0.00							0.31	1.20		46.66		
Mizoram	1.28	0.81		6.37								0.00				
Nagaland			0.20	0.67								0.00		9.00		
Odisha		0.58		8.57			0.40	0.47		2.35	7.69	0.00				0.28
Punjab		45.80	31.11	0.00			1.70	2.11		3.01	5.41	0.00		0.00		1.11
Rajasthan		96.35	247.63	0.00	10.85		0.00	0.10	73.146	36.20	12.40	0.00	53.74		1.97	0.35

Sikkim				0.77		60.00						0.00				
Tamil Nadu		20.46		0.00	87.81		1.03	0.34				3.63	0.00	0.00	2.33	0.28
Telangana		43.89		0.00			0.30			11.73		1.03			0.00	
Tripura			0.12	2.60								0.00				
Uttar Pradesh	28.78	2.39	82.30	0.00			1.80		1.95	7.07	35.62	0.00			0.00	1.26
Uttarakhand		1.69	4.00	0.00								7.67				0.53
West Bengal		10.17		0.00			0.10					0.00			2.10	
Andaman & Nicobar				0.00								1.75				
Chandigarh		2.00		0.00								0.00				
Dadar & Nagar Haveli/ Daman & Diu				0.00								0.00				
Delhi		10.79		0.00						2.91		0.00				0.23
Lakshadweep				0.00								0.00				
Pondicherry				0.00								0.00				
Others				0.00								0.00				
Total	676.10	1522.66	801.36	56.35	250.00	1795.93	62.35	10.28	480.64	586.16	411.12	22.25	257.23	1044.91	10.51	21.65