

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2004
ANSWERED ON 28.07.2022

IMPLEMENTATION OF SCHEMES IN ODISHA

2004. SHRI SAPTAGIRI SANKAR ULAKA

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

- (a) the details of the schemes being implemented by the Ministry in the State of Odisha, district-wise including Koraput Lok Sabha Constituency;
- (b) the details of the works carried out in the country during the last two years; and
- (c) the quantum of funds spent along with the number of persons benefitted thereunder?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a): The details of major renewable energy schemes/ programmes being implemented by the Ministry in the country including the state of Odisha are given in **Annexure-I**.

Further, the following information has been provided by Odisha Renewable Energy Development Agency (OREDA), about renewable energy scheme/ programmes being implemented in the state of Odisha:

Solarization of Konark

Under this scheme, 10 MW Grid connected Solar Power Project has been proposed to be installed at land identified in Junagarh block of Kalahandi District. The power generated from the plant at Junagarh will be accounted against the consumption of Konark town so as to make it a Net-Zero emission town. The Letter of Award has already been issued to the selected developer for installation of the project.

Under the Off-grid solar applications component, OREDA has installed 50 nos. of solar powered trees and 40 solar powered drinking water kiosks and 235 KW online rooftop solar power plants. 50 KW solar power plant has already been commissioned for konark temple illumination. Further, Steps have been taken to mobilize 20 electric rikshaws and 2 charging stations.

Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyaan (PM KUSUM)

Component-A:

- Under this component of PM-KUSUM scheme, Solar or other RE based power plants(REPP) can be set up by farmers/ groups of farmers/ cooperatives/ panchayats/ Farmers producers groups/ water users associations called as Renewable Power Generators (RPG).
- Advertisement for farmers' interest in leasing the land has been published in news papers. 334 nos. EOIs have been received for approximately 1904 Acres of land.
- In response to the RfS for on-boarding of developers, a total of 7 nos developers/ individual farmers had expressed their interest. Upon scrutiny of their documents and other credentials as per the RfS, 5 developers have been shortlisted for a total capacity of 12.75 MW. The letter of Awards are already issued in favor of 5nos. of Solar developers.

Component-B:

- Under this component of PM-KUSUM scheme, standalone solar pumps from 1 HP to 10 HP capacity can be installed.

Under PM-KUSUM scheme Component B, district-wise details of Installation of Solar pumps for irrigation purpose are given in **Annexure-II**.

(b): The State-wise details of renewable energy capacity addition (including large hydro) in the country during the last two years & current year i.e. from 2020-21 to 2022-23 (upto June 2022) are given in **Annexure-III**.

(c): The details of funds released as Central Financial Assistance (CFA) by the ministry for implementation of various renewable energy schemes/programmes in the State of Odisha during the last two years i.e. 2020-21 and 2021-22 are given below:

(Rs. in Crores)	
Year	Central Financial Assistance (CFA) Released
2020-21	1.12
2021-22	5.66

Annexure-I referred to in reply to part (a) of Lok Sabha Unstarred Question No. 2004 for 28/07/2022 regarding 'Implementation of Schemes in Odisha'

Details of the major Renewable Energy Schemes / Programmes

- Scheme for Development of solar parks and Ultra-mega Solar Power Projects with a target of setting up 40,000 MW capacity. Under the scheme, infrastructure such as land, roads, transmission system (internal and external), pooling stations, water feasibility is developed with all statutory clearances/ approvals. Thus the solar project developers have plug and play benefit.
- Central Public Sector Undertaking (CPSU) Scheme Phase-II (Government Producer Scheme) for setting up 12,000 MW grid-connected Solar Photovoltaic (PV) Power Projects by Government Producers with Viability Gap Funding (VGF) support, for self-use or use by Government/ Government entities, either directly or through Distribution Companies (DISCOMS).
- Production Linked Incentive scheme 'National Programme on High Efficiency Solar PV Modules' for achieving manufacturing capacity of Giga Watt (GW) scale in High Efficiency Solar PV modules.
- PM-KUSUM Scheme to promote small Grid Connected Solar Energy Power Plants, stand-alone solar powered agricultural pumps and solarisation of existing grid connected agricultural pumps. The scheme is not only beneficial to the farmers but also States and DISCOMs. States save on subsidy being provided for electricity to agriculture consumers and DISCOMs get cheaper solar power at tail end saving transmission and distribution losses.
- Rooftop Solar Programme Phase II for grid connected solar rooftop power plants. Under this Programme, subsidy is provided for residential sector and performance linked incentives to DISCOMs for achieving capacity addition in rooftop solar above baseline.
- Green Energy Corridors (GEC): to create intra-state transmission system for renewable energy projects. Central Financial Assistance (CFA) is provided to set up transmission infrastructure for evacuation of Power from Renewable Energy projects in total ten States (considering both the phases of GEC).

Annexure-II referred to in reply to part (a) of Lok Sabha Unstarred Question No. 2004 for 28/07/2022 regarding 'Implementation of Schemes in Odisha'

District wise Installation of Solar pump for Irrigation purpose under PM-KUSUM Component-'B''

Sl No	District	Total
1	Angul	34
2	Balasore	7
3	Boudh	7
4	Bolagir	117
5	Bargarh	77
6	Bhadrak	5
7	Cuttack	0
8	Deogarh	23
9	Dhenkanal	13
10	Ganjam	3
11	Jajpur	0
12	Jharsuguda	50
13	Jagatsinghpur	0
14	Kalahandi	58
15	Khurdha	3
16	Keonjhar	193
17	Koraput	14
18	Kandhamal	11
19	Kendrapada	0
20	Mayurbhanj	26
21	Malkangiri	26
22	Nawarangapur	37
23	Nayagarh	2
24	Nuapada	69
25	Rayagada	5
26	Sambalpur	114
27	Subarnapur	26
28	Rourkela	0
29	Sundergarh	77
	Total	997

Annexure-III referred to in reply to part (b) of Lok Sabha Unstarred Question No. 2004 for 28/07/2022 regarding 'Implementation of Schemes in Odisha'

State-wise achievements made during Last Two Years and Current Year (Upto June 2022) (in MW)		
S. No.	States/ Uts	Capacity Installed
1	Andhra Pradesh	733.85
2	Arunachal Pradesh	303.36
3	Assam	95.19
4	Bihar	22.32
5	Chhattisgarh	135.43
6	Goa	16.64
7	Gujarat	6731.10
8	Haryana	727.92
9	Himachal Pradesh	475.98
10	Jammu & Kashmir	18.91
11	Jharkhand	33.34
12	Karnataka	689.02
13	Kerala	423.27
14	Ladakh	0.00
14	Madhya Pradesh	446.45
15	Maharashtra	1004.10
16	Manipur	2.28
17	Meghalaya	0.31
18	Mizoram	1.96
19	Nagaland	1.20
20	Orissa	82.86
21	Punjab	315.18
22	Rajasthan	9375.53
23	Sikkim	118.75
24	Tamil Nadu	2312.27
25	Telangana	1022.53
26	Tripura	2.97
27	Uttar Pradesh	1084.28
28	Uttarakhand	469.47
29	West Bengal	50.12
30	Andaman & Nicobar	17.48
31	Chandigarh	15.49
32	Dadar & Nagar Haveli	0.00
33	Daman & Diu	21.15
34	Delhi	51.50
35	Lakshwadeep	0.00
36	Pondicherry	29.84
37	Others	0.00
	Total	26832.04