

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1900
ANSWERED ON 19/12/2023

INCENTIVES FOR RENEWABLE ENERGY

1900. SHRI GHANSHYAM TIWARI

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

- (a) whether it is a fact that Government has made effective efforts towards increasing new and renewable energy production and its sources;
- (b) if so, the efforts made and the schemes started by Government during the last three years, the details thereof;
- (c) whether Government has also given any subsidy to encourage new and renewable energy production; and
- (d) if so, the State-wise details of the last three years?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a)&(b) Yes, sir. The Government of India has been continuously making efforts that have led to increased deployment of renewable energy capacity. Some of the major initiatives undertaken during the last three years inter alia include:

- I. Declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2030,
- II. 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 and graded ISTS charges thereafter,
- III. Notification of Promoting Renewable Energy through Green Energy Open Access Rules 2022,
- IV. Notification of Late Payment Surcharge and related matters Rules 2022.
- V. Notification of Electricity Amendment Rules 2022 with provision of Uniform Renewable Energy Tariff for Central Pool.
- VI. In addition, the implementation of the following major programmes/schemes was initiated:
 - (a) Production Linked Incentive Scheme under ‘National Programme on High Efficiency Solar PV Modules’
 - (b) Intra-State Transmission System Green Energy Corridor Phase-II
 - (c) National Bioenergy Programme
 - (d) National Green Hydrogen Mission
 - (e) Green Energy Corridor Phase-II Inter-State Transmission System for 13 GW RE Projects in Ladakh

(c) & (d) Yes, sir. The state-wise details of subsidy provided under various schemes to encourage new and renewable energy production during the last three years are at **Annexure-I**

ANNEXURE-III REFERRED TO IN REPLY TO PART (c) &(d) OF RAJYA SABHA QUESTION NO 1900 TO BE REPLIED ON 19/12/2023

State-wise details of subsidy provided under various schemes to encourage new and renewable energy production during the last three years

(Rs in Crores)

State	Year 2020-21						Year 2021-22					
	Major Programme/Projects						Major Programme/Projects					
	Rooftop	PM-KUSUM	Solar Off-grid	SHP	Biomass	Biogas	Rooftop	PM-KUSUM	Solar Off-grid	SHP	Biomass	Biogas
Andhra Pradesh	33.09		0.1	8		5.5	2.15		0.87		51.49	0.88
Arunachal Pradesh			19.76	5.66					10.54	0.82		
Assam						3.1			8.76			0.31
Bihar	1.49										1.75	0.15
Chhattisgarh				2.5			1.2					1.97
Goa						0.05	3.59					
Gujarat	52.34	3.95				0.17	1214.71			6.65	13.8	1.294
Haryana	4.12	51.33					7.69	161.12			6.05	
Himachal Pradesh	20.63	2.8		2			13.76		19.68			
Jammu & Kashmir	4.89			9.31			20.18		22.08	9.5		
Jharkhand		16.05					6.61					
Karnataka		1.26	5.03		2.25	4.63					3.6	0.34
Kerala	11.72					0.65	36.34			0.35	0.79	0.45

Ladakh									12.41	6		
Madhya Pradesh	31.29		12.94			5.03					1.27	1.66
Maharashtra	58.28		17.85	5	3.97	3.73	63.12	9.6		3	3.25	0.18
Manipur	4.03	0.36	18.67				4.67		10.22			
Meghalaya		0.28	0.85			0.1						
Mizoram			19.73	0.6			0.05		1.82	1.41		
Nagaland			10.69						5.86			
Odisha		0.77		4.75		0.35			5.13		0.12	
Punjab	6.87	8.28	0.41			3.08	16.61	23.7				
Rajasthan	21.96	52.06				0.22	10.37	153.49				
Sikkim									0.03			
Tamil Nadu	4.41					2.56		20.3			0.02	
Telangana	20.66		2.13				16.09		2.28		3.2	
Tripura	0.46	3.96	14.07					7.36	9.52			
Uttar Pradesh	19.92	15.34	18.3	0.05		0.35	5.88	13.73	0.56		3.82	
Uttarakhand	4.55		2.94	2.91		0.46	10.59		11.66	0.28		
West Bengal												
Andaman & Nicobar	0.35					0.06			37.97			
Chandigarh	0.85											
Dadar & Nagar Haveli/ Daman & Diu												
Delhi	22.24						26.17					
Lakshadweep												
Puducherry												
Others	142.12		3.75				22.14	16.75	0.1			
Total	466.27	156.44	147.22	40.78	6.22	30.04	1481.92	406.05	159.49	28.01	89.16	7.234

State	Year 2022-23						Year 2023-24					
	Major Programme/Projects						Major Programme/Projects					
	Rooftop	PM-KUSUM	Solar Off-grid	SHP	Biomass	Biogas	Rooftop	PM-KUSUM	Solar Off-grid	SHP	Biomass	Biogas
Andhra Pradesh	5.64				50.4		2.02				2.72	
Arunachal Pradesh		0.82	8.49	1.83				0.61				0.1
Assam	4.93		10.86			0.11						1.26
Bihar							7.15					
Chhattisgarh	3.29		1.12			3.7	1.24		6.23			0.95
Goa												
Gujarat	1040.24	7.83		3.19	1.37		418.21	5.35		1.57		8.14
Haryana	14.67	137.95			3.5		13.51	169.96		0.7		
Himachal Pradesh	11.7	5.85		0.41			2.44			0.6		
Jammu & Kashmir	1.25	15.69	11.04	1.5								
Jharkhand	3.01	20.04										
Karnataka	9.87					0.12	3.92	2.38				0.23
Kerala	102.46			1.63			78.53	23.84	0.74	0.45		
Ladakh				8.8						6.57		
Madhya Pradesh	34.99					0.29	3.82				0.83	6.65
Maharashtra	55.7	247.6			1.75	3.04	3.62	147.56			0.63	0.28
Manipur		0.23	5.86									
Meghalaya			0					0.31	1.2	0.47		
Mizoram	0.81		6.37									

Nagaland		0.2	0.67							0.09		
Odisha	0.58		8.57		0.4	0.47	2.35	7.69				0.28
Punjab	45.8	31.11			1.7	2.11	4.84	5.41				1.11
Rajasthan	96.35	247.63				0.1	36.2	12.4			1.97	0.35
Sikkim			0.77	0.6								
Tamil Nadu	20.46				1.02	0.34			3.63		2.33	0.28
Telangana	43.89				0.3		11.73		1.03			
Tripura		0.12	2.6									
Uttar Pradesh	2.39	82.3			1.8		7.07	35.62				1.26
Uttarakhand	1.69	4							7.67			0.53
West Bengal	10.17				0.1						2.14	
Andaman & Nicobar									1.75			
Chandigarh	2											
Dadar & Nagar Haveli/ Daman & Diu												
Delhi	10.79						2.91					0.23
Lakshadweep												
Puducherry												
Others												
Total	1522.68	801.37	56.35	17.96	62.34	10.28	599.56	411.13	22.25	10.45	10.62	21.65