

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 865**  
ANSWERED ON 07/12/2023

**BIODIESEL, BIOGAS AND SOLAR POWER PLANTS**

865. SHRI KHAGEN MURMU  
SHRI RAVI KISHAN

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

- (a) whether the Union Government has received proposals from various States including West Bengal and Uttar Pradesh for setting up biodiesel, biogas and solar power plants;  
(b) if so, the details thereof; and  
(c) the details of proposals received and approved during the last three years, State-wise?

**ANSWER**

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

(a) to (c) The details of proposals received from various States including West Bengal and Uttar Pradesh for setting up biodiesel, biogas and solar power plants, and the capacities/quantum sanctioned, is as follows:

**Solar Power**

During the last three years, the Government has sanctioned 24 Solar Parks of aggregate capacity 21,234 MW in various States. The State-wise details are given in the table below

Sl. no	State	No of Solar Park	Capacity (MW)
1	Andhra Pradesh	1	300
2	Chhattisgarh	1	100
3	Gujarat	5	10450
4	Rajasthan	3	4000
5	Uttar Pradesh	6	3365
6	Jharkhand	2	989
7	Kerala	1	50
8	Odisha	2	300
9	Madhya Pradesh	3	1680
<b>Total</b>		<b>24</b>	<b>21234</b>

Under the component-A of the PM-KUSUM scheme 4391 MW decentralised ground mounted solar power capacity has been sanctioned, based on the demand received from states in the last three financial years including the current financial year till 31.10.2023. The state-wise details are given below:-

Sr. No.	States	Sanction(Detail)
1	Arunachal Pradesh	2
2	Assam	10
3	Chhattisgarh	30
4	Gujarat	500
5	Goa	150
6	Haryana	60
7	Himachal Pradesh	90
8	Jammu & Kashmir	20
9	Jharkhand	20
10	Kerala	30



11	Madhya Pradesh	600
12	Maharashtra	700
13	Nagaland	5
14	Odisha	500
15	Punjab	220
16	Rajasthan	875
17	Tamil Nadu	424
18	Tripura	5
19	Uttar Pradesh	150
<b>Total</b>		<b>4391</b>

Based on the requests received from States/UTs, Ministry has allocated a net capacity of 3579 MW for rooftop solar installations. The detail of the allocations to various states as on 30.11.2023 is attached at **Annexure-I.**

#### **Biogas**

As on 30.11.2023, under the Waste to Energy Programme dated 02.11.2022, a total no. of 94 complete Biogas/BioCNG proposals have been received in the Biourja portal, this includes 3 proposals from West Bengal and 23 proposals from Uttar Pradesh. The state-wise details may be seen at **Annexure-II.**

During the last 3 years, for Biogas Power (Offgrid), one proposal of size 37.5 kW was approved for West Bengal, and 8 proposals for a total capacity 273.5 kW were approved for Uttar Pradesh.

Further, the state-wise details of biogas proposals may be seen at **Annexure-III.**

#### **Biodiesel**

Ministry of New and Renewable Energy has not received or sanctioned any proposal for production of biodiesel during the last three years.

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# Solar Rooftop Capacity Allocation during the last 3 years

Annexure-I

	States/UTs	FY 2020-21 (MW)		FY 2021-22 (MW)		FY 2022-23 (MW)		Under Ph-II programme		Total Net Allocation in Ph-II so far
		Allocation	Net Allocation	Allocation	Net Allocation	Allocation	Net Allocation	Solar City Allocation	Total Allocation in Ph-II so far	
1	Andaman & Nicobar	-	-	1.00	1.00	-	-	-	2.00	1.00
2	Andhra Pradesh	25.00	8.00	-	-	-	-	-	33.00	8.00
3	Arunachal Pradesh	-	-	-	-	-	-	-	-	-
4	Assam	2.00	2.00	1.50	1.50	-	-	0.25	3.75	3.75
5	Bihar	20.00	-	20.00	20.00	-	-	-	45.00	25.00
6	Chandigarh	70.00	-	20.00	20.00	-	-	-	105.00	21.39
7	Chhattisgarh	-	-	15.00	15.00	3.00	3.00	-	23.00	19.00
8	Dadar & Nagar Haveli and Daman & Diu	-	-	-	-	-	-	-	-	-
9	Goa	80.00	20.00	-	-	-	-	-	85.00	20.00
10	Gujarat	750.00	736.53	1,000.00	1,000.00	-	-	-	2,190.00	2,173.56
11	Haryana	25.00	-	30.00	30.00	-	-	-	76.50	50.85
12	Himachal Pradesh	-	-	20.00	10.00	-	-	-	35.00	11.25
13	J&K	-	-	20.00	20.00	-	-	200.00	220.00	220.00
14	Jharkhand	50.00	-	10.50	10.50	-	-	17.00	88.20	28.38
15	Karnataka	312.00	-	33.00	33.00	-	-	-	405.00	33.00
16	Kerala	200.00	200.00	40.00	40.00	10.00	10.00	100.00	400.00	360.90
17	Ladakh	-	-	-	-	-	-	-	-	-
18	Lakshadweep	10.00	-	-	-	-	-	-	10.00	-
19	Madhya Pradesh	-	-	37.50	37.50	-	-	0.20	82.70	55.96
20	Maharashtra	502.00	0.01	103.00	103.00	-	-	-	634.48	105.64
21	Manipur	1.00	1.00	-	-	2.00	1.00	-	3.00	2.00
22	Meghalaya	70.00	-	10.00	10.00	-	-	-	80.00	10.00
23	Mizoram	1.00	-	1.00	1.00	-	-	-	2.50	1.19
24	Nagaland	3.80	-	3.80	3.80	-	-	-	8.60	3.80
24	NCT of Delhi	19.50	1.90	12.00	12.00	1.50	1.50	-	55.00	27.48
26	Odisha	-	-	20.00	20.00	-	-	-	24.00	20.00
27	Puduchery	25.00	-	5.00	5.00	-	-	-	35.00	5.00



28	Punjab	50.00	1.63	15.00	15.00	-	-	-	95.00	32.03
29	Rajasthan	-	-	55.00	55.00	-	-	-	100.00	100.00
30	Sikkim	-	-	2.00	2.00	-	-	-	7.00	2.00
31	Tamil nadu	50.00	-	10.00	10.00	-	-	-	65.00	10.00
32	Telangana	25.00	11.12	50.00	50.00	-	-	-	87.28	71.41
33	Tripura	-	-	1.00	1.00	-	-	-	1.00	1.00
34	Uttarakhand	26.00	3.79	10.00	10.00	-	-	-	38.00	14.78
35	Uttar Pradesh	-	-	38.00	38.00	-	-	25.00	123.00	120.63
36	West Bengal	50.00	10.00	10.00	10.00	-	-	-	65.00	20.00
	Total	2,367.30	995.98	1,594.30	1,584.30	16.50	15.50	342.45	5,228.01	3,579.00

**Annexure-II referred to in reply to part (a) to (c) of Lok Sabha Unstarred Question No. 865 for 07/12/2023 regarding 'Biodiesel, Biogas and Solar Power Plants'**

**State-wise details of complete Biogas/BioCNG proposals received in Biourja portal under Waste to Energy programme dated 02.11.2023, as on 30.11.2023**

Sl. No.	State	No. of Proposals received in Biourja Portal		Total
		Biogas	BioCNG	
1.	Andhra Pradesh	1	0	1
2.	Chhattisgarh	0	2	2
3.	Delhi	0	2	2
4.	Gujarat	0	7	7
5.	Haryana	1	12	13
6.	Jharkhand	0	1	1
7.	Karnataka	0	4	4
8.	Madhya Pradesh	0	6	6
9.	Maharashtra	0	13	13
10.	Odisha	0	1	1
11.	Punjab	0	9	9
12.	RAJASTHAN	0	2	2
13.	Tamil Nadu	0	4	4
14.	Telangana	0	2	2
15.	Uttar Pradesh	2	21	23
16.	West Bengal	2	1	3
17.	Uttarakhand	0	1	1
<b>Grand Total</b>		<b>6</b>	<b>88</b>	<b>94</b>



Annexure-III referred to in reply to part (a) to (c) of Lok Sabha Unstarred Question No. 865 for 07/12/2023 regarding 'Biodiesel, Biogas and Solar Power Plants'

State-wise details, where In-principle approval of CFA has been issued to Biogas/BioCNG proposals under Waste to Energy programme, during FY 2020-21, FY 2021-22, FY 2022-23, and FY 2023-24 (as on 30.11.2023)

Sl. No	State	No. of Proposals
1.	Andhra Pradesh	6
2.	Delhi	2
3.	Gujarat	7
4.	Haryana	6
5.	Karnataka	2
6.	Madhya Pradesh	1
7.	Maharashtra	6
8.	Punjab	6
9.	Rajasthan	1
10.	Tamil Nadu	5
11.	Telangana	5
12.	Uttar Pradesh	10
13.	Uttarakhand	1
<b>Grand Total</b>		<b>58</b>