

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-3860
TO BE ANSWERED ON-03.01.2019

RENEWABLE ENERGY IN NORTH-EASTERN STATES

3860. DR. HEENA VIJAYKUMAR GAVIT
SHRI SATAV RAJEEV
SHRI MOHITE PATIL VIJAYSINH SHANKARRAO
SHRIMATI SUPRIYA SULE
SHRI DHANANJAY MAHADIK

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

- (a) whether the Government could not effectively use the huge potential of the renewable energy in the North-Eastern States, if so, the details thereof and the reasons therefor;
- (b) whether the Government has reviewed/assessed the great potential of solar, hydro and wind energy in North Eastern States, if so, the details thereof and the outcome thereof;
- (c) whether the Government has sanctioned setting up of solar parks in different parts of North Eastern States, if so, the details thereof along with the funds allocated and spent for the said purpose;
- (d) whether the Government has also proposed to set up hydro power plants in North Eastern States, if so, whether the Government have identified the places and the time by which the same will be set up; and
- (e) the other steps taken by the Government for utilising the solar energy with special focus on North-Eastern States?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R.K. SINGH)

(a) & (b) The state-wise details of estimated potential available for harnessing solar and small hydro energy in North Eastern states are given in **Annexure I**.

The Ministry of New & Renewable Energy is implementing various programs/schemes for development of renewable energy projects in the country including North Eastern states. A total of 343.99 MW of grid connected renewable energy capacity has been installed in North Eastern states as on 30th November, 2018. The state-wise details are given in **Annexure II**.

(c) The Ministry has sanctioned six solar parks in the North Eastern states which are at various stages of implementation. So far, the Ministry has released an amount of Rs. 22.72 Lakh as Central Financial Assistance (CFA) for development of solar parks in the North Eastern states as on 30-09-2018. The state wise details of solar parks sanctioned in North-Eastern states are given in **Annexure III**.

(d) A potential of 3261.49 MW of small hydro power has been estimated at 1384 sites in the North Eastern states. A total of 312.95 MW of small hydro power capacity has been installed in the North Eastern states as on 30th November, 2018.

(e) A special provision of 10 percent of annual budgetary allocation has been made by the Ministry of New & Renewable Energy (MNRE) for implementation of various renewable energy projects including solar energy in the North Eastern states.

Also, MNRE is providing CFA upto 90% of benchmark cost under off-grid & decentralized solar photovoltaic applications program and upto 70% of benchmark cost under rooftop solar program for North Eastern states as compared to provision CFA of upto 30% of benchmark cost for general category states for implementation of solar energy projects in the North Eastern states.

ANNEXURE-I

Annexure referred in reply to part (a) & (b) of the Lok Sabha Un-starred question number 3860 for 03/01/2019 showing state-wise details of available potential of major renewable energy sources in North-Eastern states.

(In MW)

Sl. No.	States	Small Hydro Power	Solar Power
1	Arunachal Pradesh	1341	8650
2	Assam	239	13760
3	Manipur	109	10630
4	Meghalaya	230	5860
5	Mizoram	169	9090
6	Nagaland	197	7290
7	Sikkim	267	4940
8	Tripura	47	2080
	Total	2599	62220

ANNEXURE-II

Annexure referred in reply to part (a) & (b) of the Lok Sabha Un-starred question number 3860 for 03/01/2019 showing state-wise details of major grid connected installed renewable energy capacity in North-Eastern states.

State-wise installed capacity of Grid Interactive Renewable Power as on 30.11.2018 (in MW)				
S. No.	STATES	Small Hydro Power	Solar power	Total Capacity
1	Arunachal Pradesh	107.100	5.39	112.49
2	Assam	34.11	16.68	50.79
3	Manipur	5.45	2.59	8.04
4	Meghalaya	31.03	0.08	31.11
5	Mizoram	36.47	0.20	36.67
6	Nagaland	30.67	1.00	31.67
7	Sikkim	52.11	0.01	52.12
8	Tripura	16.01	5.09	21.10
	Total	312.95	31.04	343.99

ANNEXURE-III

Annexure referred in reply to part (c) of the Lok Sabha Un-starred question number 3860 for 03/01/2019 showing state-wise details of solar parks sanctioned in North-Eastern states.

Sl. No.	State	Solar Park	Sanctioned Capacity (MW)	Location
1	Arunachal Pradesh	Lohit Solar Park	30	Tezu township in Lohit district
2	Assam	Solar Park in Assam	70	Amguri in Sibsagar district
3	Manipur	Bukpi Solar Park	20	Bukpi Village, Pherzawl District in Manipur
4	Meghalaya	Solar park in Meghalaya	20	Thamar, West Jaintia Hills & Suchen, East Jaintia Hills districts
5	Mizoram	Vankal Solar Park	20	Vankal, Mizoram
6	Nagaland	Solar Park in Nagaland	23	Ganeshnagar (12 MW) of Dimapur and Jalukie (11 MW) of Peren districts
Total			183	