

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2022
TO BE ANSWERED ON 27.07.2017

UTILISATION OF RENEWABLE ENERGY IN NORTH-EASTERN STATES

2022. SHRI VINCENT H. PALA:

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

- (a): whether the Union Government has devised any plan to effectively utilise the renewable energy in the North-Eastern States;
- (b): if so, the details thereof;
- (c): whether the North-Eastern States have a great potential to harvest solar energy and in some places even hydro and wind energy;
- (d): if so, whether the Union Government has any data regarding the estimated renewable energy available for harvesting in Meghalaya and other North-Eastern States;
- (e): if so, the details thereof; and
- (f): the plans of the Union Government for utilising the solar energy in the country along with the details of special focus on North-Eastern States?

ANSWER

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES
(INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a) & (b): A special provision of 10% of annual budget allocation has been made for implementation of renewable energy schemes in the North-Eastern states. Further, large numbers of decentralized systems such as solar lights, solar pumps, solar power packs etc. have been introduced in the NE states.

(c) to (e): The estimated potential of various renewable energy sources in the north-eastern states including Meghalaya is given in the **Annexure-I**.

(f): The Ministry of New and Renewable Energy have set a target to produce 100 GW of solar energy by 2022 in the country. To utilize the solar energy of the North Eastern States; solar parks of 100 MW, 69 MW, 60 MW and 20 MW capacities have been sanctioned in the states of Arunachal Pradesh, Assam, Nagaland and Meghalaya respectively. Further, a large number of decentralized systems such as solar lights, solar pumps and solar power packs have also been introduced in these areas. A statement showing details of SPV systems and small SPV power plants promoted under Off Grid Solar PV Programme are given in **Annexure-II**.

Annexure-I

Annexure-I referred to in reply to parts (c) to (e) of Lok Sabha Unstarred Question No. 2022 for 27/07/2017 regarding 'Utilisation of Renewable Energy in North-Eastern States'

Statewise potential of various renewable energy sources in North-Eastern States

Sl.no	States	Wind Power	Small Hydro Power	Bio-Power	Solar Power
		(MW)	(MW)	(MW)	(MW)
1	Arunachal Pradesh	201	1341	8	8650
2	Assam	53	239	220	13760
3	Manipur	7	109	15	10630
4	Meghalaya	44	230	13	5860
5	Mizoram		169	3	9090
6	Nagaland	3	197	10	7290
7	Sikkim	98	267	2	4940

Annexure-II

Annexure-II referred to in reply to part (f) of Lok Sabha Unstarred Question No. 2022 for 27/07/2017 regarding 'Utilisation of Renewable Energy in North-Eastern States'

Details of SPV systems and small SPV power plants promoted under Off Grid Solar PV Programme:

SI No.	State/UT	Solar Photovoltaic Systems				Stand alone Power Plants KWp
		Lanterns Nos	Home lights Nos	Street Lights Nos	Pumps Nos	
1.	Arunachal Pradesh	14433	18945	1671	22	600.10
2.	Assam	1121	6926	318	45	1605.00
3.	Manipur	4787	3900	1888	40	1241.00
4.	Meghalaya	24875	7844	1273	19	884.50
5.	Mizoram	9589	6801	5056	37	1829.00
6.	Nagaland	6766	1045	6235	3	1506.00
7.	Sikkim	23300	15059	504	0	850.00