

1		2	3
643	4	Reiek	Mamit
	<b>28</b>	<b>Sikkim</b>	
644	1	Asanthang	South Sikkim
645	2	Gnathang	East Sikkim
646	3	Thangu	North Sikkim
647	4	Sadam	South Sikkim
	<b>29</b>	<b>Nagaland</b>	
648	1	Thizama	Kohima
649	2	Pfutsero	Pfutsero
650	3	Kekrima	Phek
	<b>30</b>	<b>Bihar</b>	
651	1	Simultala	Jamui
652	2	Lalganj	Hajipur
653	3	Adhaura	Kaimur
654	4	Zindapur	Gaya
655	5	Shankarnagar	Munger
	<b>31</b>	<b>Meghalaya</b>	
656	1	Laitdiengsai	East Khasi Hills
657	2	Mawiwete	West Khan Hills
658	3	Rymbai	Jaintia Hills

#### Development of renewable energy sources in Assam

4138. SHRIMATI NAZNIN FARUQUE: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the funds being allocated every year for the development of renewable energy sources of Assam;

(b) whether the State Government has fully utilized the funds allocated so far;

(c) if so, the details of developmental works done by the State during the last three years; and

(d) the urban and rural areas of the State where developmental work has been done till date, since the start of the Central scheme?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) Central financial assistance (CFA) totaling Rs. 52.17 crore has been provided to Assam under various renewable schemes/programmes during the last 3 years as under:

	(Rs./cr.)
2009-10	23.29
2010-11	10.51
2011-12	18.37

(b) No, Sir. Utilization Certificates for an amount of Rs. 10.86 crore only against the CFA of Rs. 33.80 crore released during 2009-10 & 2010-11 have been received from the State as on 30.4.2012. The Utilization Certificates for 2011-12 will be due after 12 months from closing of the Financial Year.

(c) Details of various renewable energy systems/devices deployed in the State during the last 3 years are given in Statement-I (*See* below).

(d) Details of districts/villages in Assam covered under different renewable energy schemes/programmes since their commencement are given in the Statement-II (*See* below).

#### ***Statement-I***

*Details of various renewable energy systems/devices deployed in Assam during the last 3 years, i.e., 2009-10, 2010-11 and 2011-12*

Sl.No.	Renewable Energy Scheme / Programme/Systems	Systems/devices deployed during last 3 years
1	2	3
1.	Small hydro power plants	4 MW
2.	Biogas Plants	24,067 Nos.

1	2	3
3.	Remote Village Electrification	1571 villages/hamlets
4.	Biomass Gasifiers	1150 kWth (captive thermal energy applications in 3 industries)
5.	Solar Thermal Systems	884 sq.m. total collector area
6.	Solar Cities (Preparation of DPR/ Master Plan)	2 cities (Guwahati and Jorhat)
7.	Special Area Demonstration Programme	1 project (sanctioned for Raj Bhawan)

**Statement-II**

*Details of districts/villages in Assam covered under different renewable energy schemes/programmes since their commencement*

**1. SPV Demonstration programme:**

- 3566 households covered in 105 villages of districts: Kamrup, Karbi Anglong, NC Hills, Cachar, Hailakandi, Golpada, Bongaigaon, Sibsagar, Dibrugarh, Darang, Marigaon, Barpeta, Tinsukhia and Sontipur.
- General distribution of SPV systems:

Name of the district	Cumulative installed so far		
	Home lighting systems	Street lighting systems	Power Plants
	Nos.	Nos.	Nos.
1	2	3	4
Tinsukia	45	-	-
Lakhimpur	7	110	-
Karbi Anglong	163	37	-
Golaghat	20	28	-
Dhubri	6	-	1
Dhemaji	17	-	1

1	2	3	4
Karimganj	4	1	1
Kamrup (R)	439	61	1
Morigaon	30	-	1
Kokrajhar	37	48	-
Nalbari	217	08	-
Sonitpur	122	61	-
Udalguri	-	02	-
Kamrup (M)	-	113	-
Bongaigaon	16	08	-
Jorhat	309	05	-
NC Hills	4	07	-
Goalpara	20	01	-
Nagaon	27	01	-
Barpeta	28	-	-
Baksa	83	-	-
Cachar	74	-	-
Darrang	88	-	-
Dibrugarh	25	-	-
Hailakandi	2	-	-
Sibsagar	44	-	-
Mongaldoi	54	-	-
TOTAL	1881	491	5

**2. Other Renewable Energy Programmes:**

District	Solar water Heating Systems (Liters/day)	Biomass- Gasifiers kW	Aero- generators Nos.	Energy parks Nos.	Remote Village Electrification No. of Villages/ hamlets covered
1	2	3	4	5	6
Barpet	-	-	-	1	30
Bongaigaon	-	20	-	1	22
Cachar	50	-	-	1	53
Darrang	-	10	-	1	29
Dhemaji	-	-	-	-	258
Dhubri	1000	-	-	-	75
Dibrugarh	-	-	-	1	13
Goalpara	-	-	-	1	76
Golaghat	200	-	-	1	49
Hailakandi	-	20	-	-	7
Jorhat	500	-	-	-	68
Karbi Anglong	-	-	-	1	800
Karimganj	-	50	-	-	20
Kokrajhar	-	-	-	2	30
Lakhimpur	-	-	-	-	97
Marigaon	-	-	-	-	17
Nagaon	1000	-	-	-	4

1	2	3	4	5	6
Nalbari	-	-	-	-	-
NC Hills	-	-	-	-	134
Sibsagar	-	20	-	1	2
Sonitpur	14500	50	-	-	31
Tinsukia	-	20	-	-	17
Kamrup	7200	-	3	5	21
Kamrup Metropolitan					
Baksa	-	-	-	-	-
Udalguri	-	-	-	-	-
Chirang	-	-	-	-	6
	24400	240	3	16	1859

**Solar power system in rural areas**

4139. SHRI S. THANGAVELU: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government is aware that the installation of solar power systems in rural areas is not successful due to unawareness Panchayat level;

(b) if so, the details thereof and whether Government has implemented any other programme to make rural areas accessible with solar power system; and

(c) if so, the details thereof and the actions taken by Government for the solar power development in rural areas?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) and (b) During 2010-11, the Ministry sanctioned projects for installation of 9190 numbers of standalone SPV power plants on panchayat buildings in Rajasthan (9168) and Punjab (22). During 2011-12, the Ministry sanctioned installation of 4779 numbers of standalone SPV power plants at village panchayat buildings in Chhattisgarh (7), Jharkhand (4683), Karnataka (30) and Punjab (59). There is a lot of demand from rural areas.