

1	2	3	4	5	6	7
34	Lakshadweep					
35	Pondicherry					
36	Others	0.0				
	TOTAL	6925.96	1017.71	1545.5	18.47	120.74

SHP = Small hydro power, MW = Megawatt.

Implementation of JNNSM

2122. SHRIMATI NAZNIN FARUQUE : Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government is implementing the Jawaharlal Nehru National Solar Mission(JNNSM) for generation of solar power in the country;

(b) if so, the details thereof; and

(c) the present status of the Mission in Assam?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) Yes, Sir.

(b) In January 2010, Jawaharlal Nehru National Solar Mission was launched with following mission targets:

- To create an enabling policy framework for the deployment of 20,000 MW of solar power by 2022.
- To promote programmes for off grid applications, reaching 1000 MW by 2017 and 2000 MW by 2022.
- To achieve 15 million sq. meters solar thermal collector area by 2017 and 20 million by 2022.
- To deploy 20 million solar lighting systems for rural areas by 2022.

The details for development of solar energy in the country during the Phase 1 of National Solar Mission is given in the statement-I (See below).

(c) Sir, no grid connected project is under execution in Assam under Mission. However, details of off-grid projects are given in the statement-II.

Statement-I*The details of solar energy developed in the country under JNNSM*

Application Segment	Target for Phase I* 2010-13	Achievement during 2010-11	Achievement during 2011-12
Grid Solar Power incl. roof top & distributed small grid connected plants	1100 MW	802 MW allotted	350 MW capacity to be selected by 31st December, 2011
Off-grid solar applications	200 MW	40.6MW sanctioned	29 MW sanctioned till date. Total 100MW to be sanctioned by March, 2012
Solar collectors	7 million sq. meters	4.5 million sq. meters	5.7 million sq. meters by March, 2012

• *Phase 1 of Solar Mission is for the period 2010-13.

Statement-II*Details of off grid projects in Assam***A. Off-grid projects with location**

Sl.No.	Implementing Agency	Sanctioned Systems	Location
1.	CEL	Power Plants 1x100kWp 1x50kWp	Guwahati University, Guwahati
	CEL	Power Plants 3x100kWp 1x50kWp	SSB Assam Engg. College
2.	NITTTR	Power Plant (1no.)	NITTTR Guwahati
	AEDA	Power Plants (5no.) Street Light (220no.) Home Light (220no.)	Schools/Banks/ Govt. Building/ Aryabhatta Science Centers

B. Off-Grid Solar Applications in the State of Assam

a) Off-Grid Power Plants & Street/Home Lightings Programme

b) Solar Water Heating Programme

Sl.No.	Place	Collector Area of System (sq.m.)
1.	Don Bosco School, Guwahati	260
2.	Font Fort School, Guwahati	40
3.	National Institute of Rural Dev., Guwahati	240
4.	Guwahati Refinery	44
5.	Uttam Guest House, Guwahati	10

Guidelines for use of non-conventional energy

2123. SHRI PARSHOTTAM KHODABHAI RUPALA:

SHRI BHARATSINH PRABHATSINH PARMAR:

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

(a) whether the Ministry is considering to issue strict guidelines making compulsory for all giant industries to fulfill at least 10 per cent of their energy requirements from non-conventional energy resources despite the fact that its investment pay-back time is very long but it may be helpful to our nation for meeting rising energy demand and is environment friendly; and

(b) whether the Ministry has approached the State Governments for seeking their views in this regard and if so, the details thereof?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) No, Sir.

(b) Does not arise.

Electricity from sea tides and waves

2124. SHRI K.N. BALAGOPAL: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the Ministry has any schemes to generate electricity from sea tides and waves;

(b) if so, the details thereof; and