

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2707

ANSWERED ON:09.12.2011

SOLAR MISSION

Dhruvanarayana Shri R. ;Maadam Shri Vikrambhai Arjanbhai;Rani Killi Krupa;Reddy Shri Magunta Srinivasulu;Thakor Shri Jagdish;Tomar Shri Narendra Singh

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

- (a) the aims, objectives and the role of Jawaharlal Nehru National Solar Mission (JNNSM);
- (b) the target fixed and achievements made under JNNSM alongwith funds allocated under the mission during each of the last three years and the current year;
- (c) whether as part of the mission, the Government has approved to set up 20,000 MW grid solar power and 2000 MW of grid solar power in the country by 2022;
- (d) if so, the details of solar technologies proposed to be developed under JNNSM so as to bring down the cost of production; and
- (e) the time by which these technologies are likely to be implemented?

Answer

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a): Aims, objectives & role of Jawaharlal Nehru National Solar Mission are enclosed as Annexure-I.

(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 enclosed as Annexure-II.

The funds allocated during the last three years and the current year is enclosed as Annexure-III.

(c): Yes, Madam.

(d)&(e): Solar technologies are evolving & developing all over the world. JNNSM is looking into development & adoption of latest technology in:

i. SPV

ii. Solar Thermal & all other areas of Solar Energy

Solar technology development & implementation is a continuous process and new technologies are being implemented as they develop.

Annexure-I

Annexure-I referred to in reply to Part(a) of the Lok Sabha Unstarred Question No. 2707 for 09.12.2011

Aims, Objectives & Role of Jawaharlal Nehru National Solar Mission:

1. The immediate aim of the Mission is to focus on setting up an enabling environment for solar technology penetration in the country both at a centralized and decentralized level. The first phase (up to 2013) will focus on capturing of the low hanging options in solar thermal; on promoting off-grid systems to serve populations without access to commercial energy and modest capacity addition in

grid-based systems. In the second phase, after taking into account the experience of the initial years, capacity will be aggressively ramped up to create conditions for up scaled and competitive solar energy penetration in the country.

2. The objective of the Jawaharlal Nehru National Solar Mission is to establish India as a global leader in solar energy, by creating the policy conditions for its diffusion across the country.

3. The role of Jawaharlal Nehru National Solar Mission is to promote ecologically sustainable growth while addressing India's energy security challenge. It will also constitute a major contribution by India to the global effort to meet the challenges of climate change.