

- To ramp up capacity of grid-connected solar power generation to 1000 MW within three years — by 2013; an additional 3000 MW by 2017 through the mandatory use of the renewable purchase obligation by utilities backed with a preferential tariff. This capacity can be more than doubled — reaching 10,000 MW installed power by 2017 or more, based on the enhanced and enabled international finance and technology transfer. The ambitious target for 2022 of 20,000 MW or more, will be dependent on the ‘learning’ of the first two phases, which if successful, could lead to conditions of grid-competitive solar power. The transition could be appropriately up scaled, based on availability of international finance and technology. To create favourable conditions for solar manufacturing capability, particularly solar thermal for indigenous production and market leadership.
- 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.

**(B) Aims and Objectives:**

The objective of the 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 as quickly as possible and achieve the targets listed at b) above.

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.

**Funds released to NER for Solar Energy Plants**

3521. SHRIMATI NAZNIN FARUQUE : Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the funds released for the use of solar energy plants during the last three years, out of the total funds provided to the North Eastern Region;

(b) whether the funds released for the said purpose have been utilized satisfactorily;

(c) whether the funds were also released to the States under the Jawaharlal Nehru National Solar Mission; and

(d) if so, the details thereof?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH) : (a) An amount of Rs. 3792.68 lakhs were released by the Ministry for installation/distribution of solar lanterns, home lights, street lights and stand-alone power plants in the North Eastern States during 2008-09, 2009-10 and 2010-11.

(b) Yes, Sir.

(c) Yes, Sir.

(d) Details of funds released under Jawaharlal Nehru National Solar Mission to the North Eastern States during 2010-11 for Off-grid SPV Applications is as follows:

States	Rs. in Lakhs
Arunachal Pradesh	372.67
Assam	651.22
Manipur	265.98
Meghalaya	618.98
Mizoram	246.4
Nagaland	14.86
Tripura	91.23
TOTAL	2261.34

**Allocation for CSR by a PGCIL and NTPC**

3522. SHRI TAPAN KUMAR SEN: Will the Minister of POWER be pleased to state: