

GOVERNMENT OF INDIA  
 MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 882**  
 TO BE ANSWERED ON 21.07.2016  
**JAWAHARLAL NEHRU NATIONAL SOLAR MISSION**

882. **SHRI GEORGE BAKER:**

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

- (a) the salient features of JawaharlalNehru National Solar Mission (JNNSM);
- (b) the details of funds earmarked, released and utilised under this programe during each of the last three years and thecurrent year, State-wise;
- (c) whether the Government hasachieved the target fixed under thisprogramme;
- (d) if so, the details thereof, State-wise;and
- (e) if not, the reasons therefor and theremedial measures taken/proposed to betaken by the Government in this regard?

ANSWER

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

**(a):** The salient features of JawaharlalNehru National Solar Mission (JNNSM) are given at Annexure-I.

**(b):** No State-wise funds are allocated. Year-wise details of funds earmarked, released for utilization under the programme during each of the last three years and the current year are given at Annexure-II.

**(c) to (e):** No State-wise targets were set for National Solar Mission under Phase-I ( 2010-13). The targets set and achieved during phase-I are as under:

| <b>Application Segment</b>  | <b>Target for Phase-I (2010-13)</b> | <b>Achievements till March,2013</b> |
|---|-------------------------------------|-------------------------------------|
| Grid solar Power (large plants, roof top & distribution grid plants)                                      | 1,100 MW                            | 1686.44 MW                          |
| Off-Grid soar applications  | 200 MW                              | 252.5 MW                            |
| Solar Thermal collectors (SWHs, solar cooking, solar cooling, Industrial process heat applications, etc.) | 7 million sq. meters                | 7.01 million sq. meters             |
| Solar Thermal collectors (SWHs, solar cooking, solar cooling, Industrial process heat applications, etc.) | 7 million sq. meters                | 7.01 million sq. meters             |

The State wise cumulative installed capacity for grid connected Solar power projects as on 30.6.2016 is given in annexure-III. Currently Phase-II of the programme is under implementation.

**ANNEXURE-I REFERRED TO IN PART (A) OF LOK SABHA UNSTARRED  
QUESTION NO. 882 FOR 21.07.2016**

**SALIENT FEATURES OF JAWAHARLAL NEHRU NATIONAL SOLAR MISSION  
(JNNSM)**

- I. **Aim:** development and deployment of solar energy technologies in the country.
- II. **Objective:** 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 setting up an enabling environment for solar technology penetration in the country both at a centralized and decentralized level.
- III. **Target:** Revised target of 1, 00,000 MW of solar power by 2022. The revised target of 1,00,000 MW is planned to be achieved in 7 years period and broadly consist of 40 GW Grid connected Rooftop projects and 60 GW large and medium size land based solar power projects.
- IV. To create favourable conditions for solar manufacturing capability, particularly solar thermal for indigenous production and market leadership.
- V. To promote programmes for off grid applications
- VI. To achieve 20 million sq. solar thermal collector area by 2022.

**ANNEXURE-II REFERRED TO IN PART (B) OF LOK SABHA UNSTARRED QUESTION NO. 882 FOR 21.07.2016**

**DETAILS OF FUNDS EARMARKED, RELEASED FOR UTILISATION**

| <b>Year</b> | <b>Budget allocated (Rs. Crore)</b> | <b>Total Released (Rs. Crore)</b> |
|-------------|-------------------------------------|-----------------------------------|
| 2013-14     | 779.97                              | 692.28                            |
| 2014-15     | 1158.50                             | 1158.19                           |
| 2015-16     | 3147.00                             | 3146.24                           |
| 2016-17*    | 0.00                                | 779.96                            |

\*As on 30.6.2016

**ANNEXURE-III REFERRED TO IN PART (C) to (E) OF LOK SABHA UNSTARRED  
QUESTION NO. 882 FOR 21.7.2016**

**STATE-WISE CUMULATIVE INSTALLED CAPACITY FOR GRID CONNECTED  
SOLAR POWER PROJECTS**

| <b>Sr. No.</b> | <b>State/UT</b>                           | <b>Total commissioned capacity till 30-06-16 (MW)</b> |
|----------------|---|---|
| 1              | Andhra Pradesh                            | 878.97  |
| 2              | Arunachal Pradesh                         | 0.27  |
| 3              | Bihar                                     | 45.10   |
| 4              | Chhattisgarh                              | 93.78   |
| 5              | Gujarat                                   | 1,123.36  |
| 6              | Haryana                                   | 15.39   |
| 7              | Jharkhand                                 | 16.19   |
| 8              | Karnataka                                 | 153.32  |
| 9              | Kerala                                    | 13.05   |
| 10             | Madhya Pradesh                            | 790.37  |
| 11             | Maharashtra                               | 385.76  |
| 12             | Odisha                                    | 66.92   |
| 13             | Punjab                                    | 520.70  |
| 14             | Rajasthan                                 | 1,294.60  |
| 15             | Tamil Nadu                                | 1,267.41  |
| 16             | Telangana                                 | 795.84  |
| 17             | Tripura                                   | 5.00  |
| 18             | Uttar Pradesh                             | 143.50  |
| 19             | Uttarakhand                               | 41.15   |
| 20             | West Bengal                               | 11.77   |
| 21             | Andaman & Nicobar                         | 5.10  |
| 22             | Delhi                                     | 23.87   |
| 23             | Lakshadweep                               | 0.75  |
| 24             | Puducherry                                | 0.03  |
| 25             | Chandigarh                                | 6.81  |
| 26             | Daman & Diu                               | 4.00  |
| 27             | J&K                                       | 1.00  |
| 28             | Himachal Pradesh                          | 0.20  |
| 29             | Mizoram                                   | 0.10  |
| 30             | Others(PSU/channel partner )under Rooftop | 100.92  |
| <b>TOTAL</b>   |   | <b>7805.21</b>  |

## **DETAILS OF SCHEMES LAUNCHED FOR PROMOTING SOLAR ENERGY**

- (i) Scheme for Development of Solar Parks and Ultra Mega Solar Power Projects.
- (ii) Scheme for Development of Solar PV Power Plants on Canal Banks/ Canal Tops.
- (iii) Scheme for setting up 300 MW of Grid connected Solar PV Power Projects by Defense Establishments under Ministry of Defense and Para Military Forces with viability Gap Funding under Batch-IV of Phase-II/III of JNNSM.
- (iv) Scheme of setting up 1000 MW of Grid- Connected Solar PV Power Projects by CPSUs with Viability Gap Funding under Batch-V of Phase-II of JNNSM.
- (v) Scheme for Setting up of 15000 MW of Grid connected Solar PV Power Projects under Batch II of Phase II of National SolarMission (by NTPC/NVVN)
- (vi) Setting up of 2000 MW Grid connected solar power with Viability Gap Funding through Solar Energy Corporation of India (SECI).