

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1805
TO BE ANSWERED ON 28.12.2017

SETTING UP OF NEW SOLAR POWER PLANTS

1805. SHRI RAMESH BIDHURI:

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

- (a): whether the Union Government proposes to set up new solar power plants in various States including Delhi and if so, the details thereof, State/UT-wise;
- (b): whether the Union Government has formulated any strategy/scheme or taken steps for utilization of renewable energy in agriculture sector;
- (c): if so, the details thereof and if not, whether the Union Government proposes to launch any such scheme in future;
- (d): whether the public undertakings under his Ministry are performing social responsibility; and
- (e): if so, the details thereof indicating the number of persons benefited thereunder during the last three years and if not, the reasons therefor?

ANSWER

THE MINISTER OF STATE FOR POWER AND NEW & RENEWABLE ENERGY (I/C)
(SHRI R.K. SINGH)

(a): The targets for solar power projects are not State-specific. The Government have finalized a trajectory of bringing out tenders of solar power projects as per details given below:

| Year | Total tenders planned (In MW) |
|-------------|--|
| 2017-18 | 20,000 |
| 2018-19 | 30,000 |
| 2019-20 | 30,000 |

A Renewable Purchase Obligation is fixed for each State.

(b) and (c): While the renewable energy generated is injected into the grid where it is utilised by all sectors including agricultural sector, the Government has also launched a specific scheme

for agricultural sector viz. the solar pump scheme for irrigation. Under the scheme, solar powered irrigation pumps, are installed for irrigation purposes. The Government gives a Central Financial Assistance (CFA) at a rate of 20-25% of the benchmark cost depending on the horse power and type. The details are as follows:

A. Up to 3 HP (DC): Benchmark Cost = Rs. 1,20,000/HP: CFA=Rs. 30,000/HP

B. 3HP to 5 HP (DC): Benchmark Cost = Rs. 95,000/HP: CFA=Rs. 19,000/HP

C. Up to 3 HP (AC): Benchmark Cost = Rs. 1,00,000/HP: CFA=Rs. 25,000/HP

D. 3HP to 5 HP (AC): Benchmark Cost = Rs. 85,000/HP: CFA=Rs. 17,000/HP

(d) and (e): Yes, Madam. The Solar Energy Corporation of India (SECI) Ltd. and Indian Renewable Energy Development Agency (IREDA), the Public Undertakings under the aegis of this Ministry, have undertaken various Corporate Social Responsibility (CSR) works. In 2016-17, SECI has made CSR contribution of Rs. 29.01 Cr. to Swachhh Bharat Kosh. IREDA has undertaken CSR initiatives during the last three years and current year, in the fields of environmental sustainability, skill development, rural development, promotion of education and health. Community at large is getting benefited from these projects. Details of CSR projects undertaken by IREDA are given in **Annexure**.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (D) AND (E) OF LOK SABHA UNSTARRED QUESTION NO. 1805 FOR 28.12.2017.

DETAILS OF CSR PROJECTS UNDERTAKEN BY IREDA

1. CSR Activities by IREDA in 2014-15

| Sr. No. | Project Particulars | Location | Sanctioned Amount INR | Beneficiary |
|----------------|--|--|------------------------------|--|
| 1 | Disaster Management - Distributed Blankets, Essential Medicine, Solar Lantern etc to flood affected people of J&K | Shrinagar, Jammu & Kashmir | 277000 | Flood affected people in Jammu & Kashmir |
| 2 | Environmental Sustainability - Installation of 30 kWp SPV system and 500 LPD Solar Water Heating system at Old Age Home of M/s Maitri, Vrindavan (UP). | Vrindavan, Uttar Pradesh | 3000000 | Around 300 inmates in the Old Age Home |
| 3 | Swachh Vidyalaya Abhiyaan: To support and for financial assistance towards construction / repair and maintenance of 338 toilet blocks consisting of 534 toilets in 256 Government run schools in Chhattisgarh, Rajasthan and Haryana | Various Districts of Chhattisgarh, Rajasthan and Haryana | 50000000 | Students and Staff in 256 Govt. Schools |

2. CSR Activities by IREDA in 2015-16

| Sr. No | Project Particulars | Location | Sanctioned Amount INR | Beneficiary |
|--------------|--|----------------------------------|-----------------------|--|
| 1 | Environmental Sustainability - LED Street Lighting Systems in Rural areas of Giridih Constituency | Giridih, Jharkhand | 34,10,000 | Community at large in rural areas of Giridih |
| 2 | Environmental Sustainability - Solar PV Street Lighting Systems in Rural areas of Bhadohi Constituency | Bhadohi, Uttar Pradesh | 20,30,000 | Community at large in rural areas of Bhadohi |
| 3 | Environmental Sustainability - Solar PV Street Lighting Systems in Rural areas of Phoolpur Constituency | Phoolpur, Uttar Pradesh | 54,50,000 | Community at large in rural areas of Phoolpur |
| 4 | Environmental Sustainability - Solar PV Street Lighting Systems in Rural areas of Pilibhit Constituency | Pilibhit, Uttar Pradesh | 37,71,400 | Community at large in rural areas of Pilibhit |
| 5 | Environmental Sustainability - 40 kWp Grid interactive Solar PV System at Saraswati Shishu Vidya Mandir School | Meerut, Uttar Pradesh | 14,50,000 | Student and Staff (approx. 1000) |
| 6 | Environmental Sustainability - Solar PV Street Lights and 7.5 kWp Solar PV Systems in Zila Parishad Schools in Golavali Village | Golavali, Ratnagiri, Maharashtra | 24,50,000 | Student and Staff in Zila Parishad Schools |
| 7 | Environmental Sustainability - Solar PV Street Lighting Systems in Rural areas of Shillong | Shillong, Meghalaya | 98,46,000 | Community at large in rural areas of Shillong |
| 8 | Environmental Sustainability & Skill Development: Installation of Solar Power Rooftop Plants of 5 kWp on Sewagram hospital and creating a roadmap of solar electrification in Bardhaman, West Bengal | Bardhaman, West Bengal | 20,71,000 | 40 unemployed educated youth and patients / Staff in Sewagram Hospital |
| 9 | Healthcare - Cochlear Implant Surgery of 5 Hearing Impaired Person through ALIMCO | Delhi / NCR | 30,00,000 | 5 Hearing Impaired Children |
| 10 | Healthcare - Donation of Modern Electronic Artificial Limbs to Four Disabled Person through Yuvak Pratisthan NGO | Mumbai, Maharashtra | 7,20,000 | 4 Disabled Person |
| 11 | Donation - Donation to Health Minister's Cancer Patient Fund | Pan India | 1,00,000 | Community at large |
| 12 | Donation - Donation to Clean Ganga Fund | Pan India | 3,00,000 | Community at large |
| 13 | Donation - Donation to Armed Forces Flag Day Fund | Pan India | 1,00,000 | Armed Force martyrs & dependents |
| 14 | Measures of Benefits to Armed Forces - Installation of 20 kWp Solar Powered System at 41 Sub Area of India Army | Jorhat, Assam | 16,65,000 | Armed force |
| TOTAL | | | 3,63,63,400 | |

3. CSR Activities by IREDA in 2016-17

| Sr. No | Project Particulars | Location | Sanctioned Amount INR | Beneficiary |
|--------------|--|---------------------------------|-----------------------|--|
| 1 | Environmental Sustainability - Solar PV Street Lighting Systems in Rural areas of Pali Constituency | Pali, Rajasthan | 49,70,400 | Community at large in rural areas of Pali |
| 2 | Environmental Sustainability -10 kwp Solar PV Power plant at The Earth Saviours Foundation (TESF) Gurukul | Gurugram, Haryana | 15,00,000 | Around 400 inmates of Gurukul |
| 3 | Environmental Sustainability - 120 High Mast and 300 Solar PV Street Lighting Systems in Rural areas of Varanasi (North), Varanasi (South) and Varanasi (Cantt.) Legislative Assembly Constituency | Varanasi, Uttar Pradesh | 2,10,24,328 | Community at large in rural areas of Varansi |
| 4 | Environmental Sustainability - 200 Solar PV Street Lighting Systems in Rural areas of Gautambudh Nagar Constituency. U.P. | Gautambudh Nagar, Uttar Pradesh | 43,00,000 | Community at large in rural areas of Gautam budh Nagar |
| 5 | Environmental Sustainability - 200 Solar PV Street Lighting Systems in Rural areas of Pilibhit Constituency. U.P. | Pilibhit, Uttar Pradesh | 43,00,000 | Community at large in rural areas of Pilibhit |
| 6 | Environmental Sustainability - 150 Solar PV Street Lighting Systems in Rural areas of Bhadohi Constituency. U.P. | Bhadohi, Uttar Pradesh | 32,70,000 | Community at large in rural areas of Bhadohi |
| 7 | Environmental Sustainability - 50 Solar PV Street Lighting Systems in Rural areas of Shravasti Constituency. U.P. | Shravasti, Uttar Pradesh | 10,90,000 | Community at large in rural areas of Shravasti |
| 8 | Environmental Sustainability - 200 Solar PV Street Lighting Systems in Rural areas of Barabanki Constituency. U.P. | Barabanki, Uttar Pradesh | 32,25,000 | Community at large in rural areas of Barabanki |
| 9 | Environmental Sustainability - 60 Solar PV Street Lighting Systems and 60 India Marka Hand Pumps in Rural areas of Akbarpur Constituency. U.P. | Akbarpur, Uttar Pradesh | 36,58,500 | Community at large in rural areas of Akbarpur |
| 10 | Promoting Education - Skill Development: Training and Skill Development of War Widows, their dependents and jawans | Jaipur, Rajasthan | 31,45,762 | War Widows, Dependents, Jawans trained on 40 Computer |
| 11 | Promoting Education & Yoga: Setting up 5 Yoga Kendras / Vyayamshala on occasssion of Yoga Day Celebrations | Delhi / NCR | 4,33,000 | Community at large |
| 12 | Promoting Education & Yoga - Signing of MoU with DPSRU and Collaboration for conducting Certificate Courses in Yoga Therapy | Delhi / NCR | 7,67,000 | Students availing the certificate course in Yoga |
| 13 | Promoting Education & Livelihood Generation - Intervention of RE & Skilling for Smart Model Villages | Sohna, Haryana | 44,72,750 | Community at large in Villages in Sohna |
| 14 | Promoting Education - Setting up 14 Smart Classes in Kaushambi Public School, Kaushambi, U.P. | Kaushambi, Uttar Pradesh | 40,59,100 | Students (approx. 700) |
| 15 | Donation to Swachh Bharat Kosh | PAN India | 1,00,00,000 | Community at large |
| TOTAL | | | 7,02,15,840 | |

4. CRS Activities by IREDA in 2017-18

| Sr. No. | Project Particulars | Location | Sanctioned Amount in INR | Beneficiary |
|----------------|---|------------------------|---------------------------------|-------------------------------|
| 1 | Environmental Sustainability - Solar PV Street Lighting Systems in Rural areas of Pali Constituency | Pali, Rajasthan | 44,56,200 | Community at large |
| 2 | Environmental Sustainability - Solar PV Street Lighting Systems in Sainik School Chittorgarh | Chittorgarh, Rajasthan | 10,02,645 | Students & community at large |
| 3 | Environmental Sustainability - 75 kWp Solar PV Grid Connected Rooftop System at Ramakrishna Mission Ashram, Asansol | Asansol, West Bengal | 23,43,750 | Community at large |
| 4 | Promoting Education & Yoga: Providing 150 Desk Bench, Sports and Musical Items at 5 Schools in Giridih Parliamentary Constituency | Giridih, Jharkhand | 13,10,580 | Community at large |
| 5 | Promoting Education -Providing Salary support for Staff at Community Education Development Foundation | Delhi | 10,20,000 | Community at large |
| 6 | Promoting Health and Sanitation - Providing 50 Yoga Mats, 1 LED TV and 1 Split AC at Indraprastha Girls Sr. Sec. School | Delhi | 1,73,980 | Students |
| 7 | Rural Development -Providing 2 High Mast Lights in Giridih Parliamentary Constituency | Giridih, Jharkhand | 7,85,400 | Community at large |
| 8 | Promoting Health and Sanitation - Providing 250 LPH RO Based Water Vending Machine with Chiller at Baghmara | Baghmara, Jharkhand | 7,90,000 | Community at large |
| 9 | Promoting Health and Sanitation - Donation to Health Minister Cancer Patient Fund (HMCPF) | Delhi | 10,00,000 | Community at large |
| TOTAL | | | 1,28,82,555 | |