



## **Three-Days Training Programme on “Grid-connected Rooftop Solar PV Systems” for Channel Partners, New Entrepreneurs, Project Developers & Manufacturers**

**Venue: Hotel Palash Residency, New Market, Near 45 Bungalow, South T T Nagar, Bhopal, Madhya Pradesh**

**Date: 16<sup>th</sup> – 18<sup>th</sup> March, 2016**

The National Solar Mission is a major initiative taken by the Ministry of New and Renewable Energy (MNRE), Government of India in co-ordination with all the State Nodal Agencies (SNAs) 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. Jawaharlal Nehru National Solar Mission (JNNSM) under the brand ‘Solar India’ 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. The Mission has set a target of 20,000MW which was revised to 100 GW in June 2014, and stipulates implementation and achievement of the target in three phases (first phase up to 2012-13, second phase from 2013 to 2017 and the third phase from 2017 to 2022) for various components, including grid connected solar power. The successful implementation of the JNNSM requires the identification of resources to overcome the financial, investment, technology, institutional and other related barriers which confront solar power development in India. The 100 GW target comprises a huge 40 GW target for grid-connected rooftop solar power by 2022. The successful penetration of rooftop solar power, therefore, requires substantial support from important stakeholder groups such as Channel Partners/New Entrepreneurs, distribution utilities, regulatory commissions and financial institutions.

However, there is a huge shortfall of trained engineers, managers and other personnel for implementing grid-connected rooftop solar PV systems. Currently, although several institutions are imparting training on different aspects of solar PV systems, there is a need for a state-specific, holistic, integrated, multi-disciplinary and pragmatic capacity-building programme on “Rooftop Solar PV” for different target groups as mentioned above.

To understand the state and central policy initiatives, grid-interconnection guidelines, quality standards for grid-connected rooftop SPV systems, metering arrangements, remote monitoring of grid-connected rooftop solar power plants, project management, entrepreneurship skill development, and business models and to explore financing opportunities in grid-connected rooftop solar PV projects which can be availed by developers, private users and other stakeholders, Ministry of New and Renewable Energy (MNRE), Govt. of India associated TERI to conduct series of training programmes on “Grid-connected Rooftop Solar PV Systems” for various stakeholders at pan-India

level. There is also a need to sensitize the stakeholders especially the Channel Partners, Project Developers, New Entrepreneurs & Manufacturers as empanelled under MNRE on currently available schemes on rooftop solar PV, and explore sustainable and robust financing and business models to increase the coverage. It is therefore essential to bring stakeholders on a single platform to explore possible financing options to help accelerate deployment of rooftop solar PV in the country.

Against this backdrop, TERI is organizing a three-days training programme (fourth in the series) on “Grid-connected Rooftop Solar PV Systems” for Channel Partners, New Entrepreneurs, Project Developers & Manufacturers from **16<sup>th</sup> to 18<sup>th</sup> March (Wednesday, Thursday and Friday), 2016 at Hotel Palash Residency, Bhopal, Madhya Pradesh**. The training programme is designed in such a way that it can enable the target groups (exclusively for the Channel Partners, Project Developers, New Entrepreneurs & Manufacturers) to understand technical, financial and regulatory aspects, including quality standards, project management, grid-interconnection, metering arrangements, and remote monitoring mechanism of rooftop solar PV systems. The programme will also bring actual practitioners and renowned industry experts to present their views and share their experiences on implementing rooftop PV systems.

#### **Objective and Target Audience:**

The overall objective of the proposed three-days training programme is to train representatives from various Channel Partners, Project Developers, New Entrepreneurs & Manufacturers on various aspects of grid-connected rooftop solar PV systems.

For more details, kindly visit at: <http://www.teriin.org/events/trainings-solar-pv.php>

#### **Delivery of Course Modules:**

The programmes would be a blend of instructor-led training (classroom sessions) and recommended best practices in the industry. The course materials will also be provided in the form of technical manual (CDs/USBs) to enable self-learning/refreshing after attending the respective training sessions. After successful completion of the training programme, a Certificate of Participation (jointly certified by TERI & MNRE) will be provided to the participants.

#### **Fees:**

An amount of INR 5,000/- plus Service Tax @14.5% would be charged (towards the administrative cost) from the participants to attend the three-days training programme. The programme fee will include course material, course kit, and lunch with tea/snacks during the 3 days of the programme.

However, participants will have to make their own arrangements to reach the venue i.e., Bhopal, stay during the training and return.