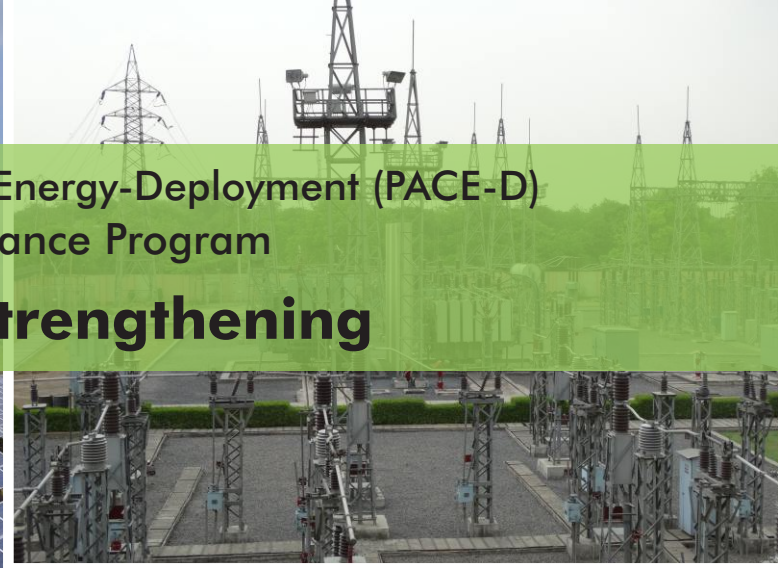


# Partnership to Advance Clean Energy-Deployment (PACE-D) Technical Assistance Program

## Institutional Strengthening



## Enabling Ecosystem for Clean Energy Deployment

The Government of India has taken several pioneering steps at the policy, regulatory and fiscal front to promote energy efficiency and renewable energy. These initiatives are now being replicated at state level with the states are taking a proactive role by adopting mechanisms such as feed in tariffs, renewable purchase obligations, wheeling and banking, etc.

Four states, Haryana, Madhya Pradesh, Karnataka and Rajasthan have been selected under PACE-D TA program for strengthening of policy, regulatory and institutional framework. These four states were selected in consultation with MOP and MNRE. The mandate of the program is to strengthen the capacity of State Nodal Agencies (SNAs), State Designated Agencies (SDAs) and State Electricity Regulatory Commissions (SERCs) to plan and implement existing or new policies, regulations and/or programs for accelerating clean energy deployment.

In the first year of the program, the program team initiated consultations with SNAs, SDAs and SERCs in the focal states. The program undertook detailed analysis of existing clean energy policies and programs, capacity of the SDAs/SNAs and identified the key interventions for each state. These are being compiled in the state action plans that include the development challenges, program implementation and institutional gaps, intervention opportunities and potential activities to be taken up under the program.

Simultaneously, a few interventions have been identified in focal states for immediate support. For instance, design and roll-out of net metering-based grid-connected solar rooftop program in Rajasthan; development of competitive bidding guidelines and standard bidding documents for Karnataka; and assistance in the development of off-grid policy for Madhya Pradesh. In addition to the technical support to the state agencies, the program is also implementing ECBC in these states and supporting a smart grid pilot in Rajasthan.

The program also organized a three day workshop in Puducherry in February 2014, which brought representatives from the focal states together to deliberate on clean energy policies and regulations. The workshop included sessions on various RE and EE policy, regulatory and programmatic issues and field visits for live demonstrations of technologies.

## Key Deliverables

- State Action Plans for focal states.
- Design and roll-out of the net metering-based grid connected solar rooftop program across Rajasthan and Karnataka.
- Competitive bidding guidelines and standard bidding documents for Karnataka.
- White paper on off-grid policy for Madhya Pradesh.
- Support for institutional strengthening for RPO compliance monitoring.
- Roadmap for Centralized Monitoring Centre for Madhya Pradesh Urja Vikas Nigam Limited (MPUVNL).
- Capacity building and knowledge management.
- EE Policy in Rajasthan

## Key Activities and Progress

- Completed a detailed project report for development of centralized monitoring center for effective monitoring of off-grid RE projects in Madhya Pradesh.
- Prepared a draft white paper on designing the net metering regulatory framework in Rajasthan.
- Providing support to the Government of Karnataka for the amendment and update of the state solar policy with increased capacity addition target and increased focus on off-grid installations.
- Currently preparing a background paper for the development of an off-grid RE policy in Madhya Pradesh.

## Program Overview

The PACE-D Technical Assistance Program is a part of the overall Partnership to Advance Clean Energy (PACE) initiative, the flagship program under the U.S.-India Energy Dialogue. The five year program, implemented in collaboration with the Ministry of Power and Ministry of New and Renewable Energy, has three key components: Energy Efficiency, Renewable Energy and Cleaner Fossil Technologies. Within each of these components, the program's focus is on institutional strengthening, capacity building, technology pilot projects, innovative financing mechanisms and increasing the awareness of clean energy technologies. Please access [www.pace-d.com](http://www.pace-d.com) for additional information.

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