

Corporate Social Responsibility Initiatives
(2014-15)



Power System Operation Corporation Limited (POSOCO)
(A wholly owned subsidiary of POWERGRID)
B-9, Qutub Institutional Area, Katwaria Sarai, New Delhi-110016

Corporate Social Responsibility (CSR)

POSOCO has taken up various CSR activities during FY 2014-15 in compliance of the provisions of the Companies Act'2013, the Companies (CSR Policy) Rules, 2014 and the Memorandum of Understanding (MoU) for FY 2014-15.

The brief about each activity taken up during FY 2014-15 is as below:

1. Providing solar lanterns including cooking stoves in the Ri-bhoi district of Meghalaya

- **Concept:** The project is envisaged to improve quality of life in rural areas by providing clean and affordable lighting and improved cooking solutions.
- **Target Area:** Rural areas of Ri Bhoi District, Meghalaya. Ri-bhoi
- **Executing Agency:** M/s The Energy and Resource Institute (TERI).
- **Benefits provided under the scheme:** Around rural households in remote villages are provided with Integrated Domestic Energy System (IDES) system. The IDES system comprises a forced draft improved cook stove and a solar home lighting system (2 light points of 2W each and a mobile charging point). The system can sustain a daily load of basic household energy needs i.e. light for 5 hours, mobile charging for 2 hours and battery backup for running the fan of the cook stove for 4 hours.

2. Promoting research and studies related to Power Systems in the premier engineering institutions to encourage excellence in the area

- **Concept:** These awards have been instituted to encourage excellence in the area of Power Systems by awarding the new research in the related fields.
- **Target Area:** Students of Doctoral and Master Category from reputed technical institutions like IITs, NITs and IISCs and other premier engineering institutions.
- **Executing Agency:** M/s Foundation for Innovation and Technology Transfer (FITT), which is a unit of Indian Institute of Technology (IIT), Delhi for execution of this scheme.
- **Encouragement under the scheme:**

The prize money for shortlisted research works under Doctoral and Master Category.

3. Procurement of Renewable Energy Certificates

REC mechanism views the electricity generated from renewable sources as composed of 2 benefits – one the power generated and second is the environmental attribute with the 'renewability' of this power. Second part known as REC is traded in the energy markets of India.

As REC mechanism promotes renewable sources for energy requirements, procuring RECs act as a tool for sustainable development of the society.

4. **Awareness programs and capacity building for school children on energy efficiency, environment friendly technologies and non-conventional energy sources**

➤ **Concept:**

- The project aims to address the important issue of energy efficiency by sensitizing school students on the optimum utilization of depleting energy resources, and encouraging them to actively participate in efforts to conserve energy.
- Capacity building of students and teachers to make their school a “green school” in terms of energy efficiency, zero-waste zone and water conservation.

➤ **Target Area:** A child-friendly and activity-oriented project for reaching out to middle level students. The project covers two Govt. schools in Delhi.

➤ **Executing Agency:** M/s The Energy and Resource Institute (TERI).

➤ **Benefits of the scheme:**

- Capacity Building of students and teachers on Waste, Energy and Water management
- Infrastructure up gradation in two Govt. schools for better Waste, Energy and Water management.

5. **Scholarships to meritorious students in Govt. Schools.**

This scheme cover students who have passed their Xth Standard Examination conducted by CBSE from Govt. Schools in Delhi in the year 2014 and at present are students of Class XI in the Delhi government schools. Sstudents are selected based on their CGPA Score.
