

Implementation of 500MW with a 50% 'GREENSHOE' Option, for Grid Connected Roof Top Solar PV Systems under RESCO Model at various locations in the State of Maharashtra, Goa, Gujarat, Uttar Pradesh and Andhra Pradesh

About the Program

MAHAPREIT along with Global Energy Alliance for People and Planet (GEAPP) has launched the "Solarization of MSMEs" program designed to streamline and implement Rooftop Solar Systems (RTS) within the MSME sector in the state of Maharashtra, Goa, Gujarat, Uttar Pradesh and Andhra Pradesh. Our collective aim is to install a total of 500 MW of rooftop solar systems on MSMEs across these states through the Renewable Energy Service Company (RESCO) model. These installations will be meticulously categorized based on their capacity, ranging from 20 kW to 100 kW, 101 kW to 250 kW, 251 kW to 1000 kW and above 1000 kW. This strategic categorization allows us to tailor solar solutions to meet the unique needs of various businesses, ensuring maximum efficiency and benefits and creating a win-win situation for MSMEs, Solar contractors as well as utility companies.

Project Objectives:

- This project aims to streamline and promote the implementation of Rooftop Solar Systems (RTS) within the MSME sector.
- The project will act as a lighthouse project for policy implementation in MSME clusters throughout India.
- The project targets installation of a total of 500 MW of rooftop solar (RTS) systems in Maharashtra, Goa, Gujarat, Uttar Pradesh and Andhra Pradesh.

Key benefits:

- One of its kind RESCO project dedicated to MSMEs (without any investment)
- Total installation capacity of 500 MW.
- Mutually beneficial arrangement for all stakeholders involved
- Direct/indirect employment generation opportunity of 1 lakh
- Bring in minimum possible tariff (~ INR 5 /kWh vs INR 11-12 /kWh) through large scale demand aggregation
- Zero investment by MSMEs
- This program is aligned with State and National mission
- Cost neutral program for MSEDCL, Energy & Industrial department

RESCO model

