SUSTAINABLE PARTNERSHIP FOR ROOFTOP SOLAR ACCELERATION IN BHARAT (SUPRABHA)

Grid Connected Rooftop Solar Photovoltaic (RDP) Technical Assistance (TA) Program

An initiative on model replicable and scalable for rooftop solar adoption.

About SUPRABHA

The SUPRABHA initiative for Rooftop Solar Acceleration (Bihar) (SUPRABHA) is a USD 3.5 million program, which is implemented by The World Bank and SBI powerhouse and is implemented in partnership with the Ministry of New and Renewable Energy of India (MNRE) and the Bihar State Electricity Board (BSEB).

The SUPRABHA initiative focuses on rooftop solar power generation in residential, commercial and institutional sectors in 17 districts in the state of Bihar, namely, Aurangabad, Bhagalpur, Buxar, Latehar, Gaya, Patna, Purnia, Madhubani, Darbhanga, Muzaffarpur, Gaya, Patna, Purnia, Madhubani, Darbhanga, Muzaffarpur, Gaya, Patna, and Muzaffarpur.

The initiative aims to accelerate the adoption of rooftop solar power generation by providing technical and financial support to enable households and institutions to install rooftop solar systems.
SUPRABHA - THE WORLD BANK-SBI GRID CONNECTED ROOFTOP SOLAR PHOTOVOLTAIC (GRPV) TECHNICAL ASSISTANCE (TA) PROGRAM

The overall objective of the SUPRABHA Program is to establish an enabling environment to develop and grow key segments of the rooftop solar market.

The SUPRABHA GROPV Program consists of six interventions namely Policy, Regulation, Capacity Building, Wind—a Knowledge Exchange, Media and Outreach, Process Streamlining, and Demand Aggregation. The program covers a wide range of stakeholders—government agencies, regulatory and distribution companies, urban local bodies, financial institutions and entrepreneurs.

ROOFTOP SOLAR PV: A GROWING TREND WORLDWIDE

Rooftop Solar PV is rapidly emerging as a solution for on-site/ on-building renewable energy generation globally due to the plummeting cost of solar photovoltaic (PV) technology. Unlike the adding multiple PV panels to increase installed solar power capacity (CSP), Rooftop Solar PV generates electricity from solar power beyond the limit of land availability. This will enable higher penetration of renewable energy in the power grid, leading to more reduction in greenhouse gas (GHG) emissions and climate change mitigation.

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