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Nepal Smart solar Inverter Project

Overview

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Building on a successful 100 kW residential microgrid, this project aims to demonstrate a larger, industrial-scale smart solar storage microgrid at a steel factory in Butwal, Nepal. By combining state-of-the-art AI technology with an innovative business model, the project showcases that fully green.

We recently completed the installation, testing and commissioning of three Solar PV minigrid projects in Accham, Jajarkot and Bajhang Districts. In Accham, a 55kWp Solar PV system was installed at Syaule-7 Ramaroshan. The system comprised of a 55kWp Solar PV array, 345.6kWh battery bank, 40kW Solar.

FIMER has supplied its inverters to Nepal’s largest private solar project, which was recently commissioned in Dhalbekar region through Kushal Projects Nepal Pvt Ltd. The prestigious 10MW project will feature FIMER’s central inverter PVS980-58 5MVA and 1MVA and will supply renewable power to.

Nepal has launched its first solar project eligible for International Renewable Energy Certificates (I-RECs), a 16.5 MW facility in the Nawalparasi district. Developed by Eco Power Development Nepal Private Limited, this initiative signifies a major step forward for Nepal’s renewable energy sector.

The Thatichaur Solar Microgrid, installed by Peak Power and Sunshine Energy in Kushe Rural Municipality, Nepal, utilizes an SMA Multicluster system to provide reliable energy to the community. This microgrid interconnects 249 households through smart meters, ensuring efficient energy distribution.

Kathmandu: Gham Power has partnered with Swanbarton, Hit power, scene connect and practical action to introduce the Grid Resilience through Intelligent Photovoltaic Storage (GRIPS) research project, marking a significant step towards ensuring reliable and high-quality electricity supply in Nepal.

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