

Initiated in 2023, the project has focused on developing solar mini-grid feasibility studies for infrastructure in isolated communities in Fiji. The feasibility studies, including detailed surveys of ...

Please join us on June 20th and 21st, 2024 in Suva, Fiji for an event to accelerate the electrification of off-grid communities across Pacific Island Countries.

Through this synthesis, the chapter provides a comprehensive guide to accelerating microgrid development, maximising social and environmental benefits, and enabling resilient, ...

Using a community microgrid distribution system, this paper aims to address essential features, operational issues, and viable solution techniques for future community microgrid distribution networks.

The participation of the private sector in mini grid development has been driven primarily by concessional instruments from DFIs and climate finance institutions, including low-interest and ...

Located in the Southshore Bay housing development in Hillsborough County, the project serves 37 homes, itself unusual given microgrids are typically installed for businesses, institutions or ...

NREL has been involved in the modeling, development, testing, and deployment of microgrids since 2001. A microgrid is a group of interconnected loads and distributed energy resources that acts as a ...

This white paper focuses on tools that support design, planning and operation of microgrids (or aggregations of microgrids) for multiple needs and stakeholders (e.g., utilities, developers, ...

Two rehabilitative and nursing healthcare facilities in Los Angeles County are contracting with a new microgrid development player to create on-site power and smart energy management ...

Focusing on the latest development of microgrid operation control technology, this paper combs and summarizes the related research at home and abroad, including the key technologies of ...

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