

Information presented in this paper is based on qualitative and quantitative data collection and analysis methods to provide an empirical understanding of barriers to private sector clean ...

This study collects publicly available financial data from 24 microgrid projects worldwide and investigates the economic performance of renewable energy microgrids by evaluating key ...

The increasing prioritization of energy justice and climate resilience in federal and local funding will drive equitable microgrid growth and attract long-term investment in underserved communities.

While DOE has made significant progress in supporting microgrid deployments, there remain research gaps for both remote microgrid, and microgrids for critical infrastructure, which are being addressed ...

This report analyzes the microgrid market landscape across 21 states and territories, providing insights into regulatory frameworks, incentive programs, commercial opportunities, and strategic approaches ...

Developed using a two-target optimization model, this index integrates various energy sources--including photovoltaics, micro-wind turbines, and different types of batteries--with ...

In this follow-on article, we will describe best practices for performing a comprehensive feasibility assessment for microgrid projects.

The Distributed Energy Resource Value Estimation Tool (DER-VETTM) provides a free, publicly accessible, open-source platform for calculating, understanding, and optimizing the value of ...

To fill that gap, we commissioned this report from Guidehouse so that policymakers, businesses, and advocates could better understand the economic impact of this growing move toward microgrids.

This paper develops a new microgrid investment planning model that determines cost-optimal investment and operation of distributed energy resources (DERs) in a microgrid.

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