

This report investigates key characteristics of different SR technologies suitable for microgrid applications, including design principles, sizing, coolant properties, temperature ratings, fuel structures, and ...

This report provides (1) an overview of the microgrid planning, assessment, and design process for DoD installations and (2) is a resource for energy managers, policymakers, contractors, and other ...

Project Aquagrid was designed and implemented as an applied research project to investigate the addition of ocean energy generation into a microgrid energy system to provide a clean energy solution for a coastal ...

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 in current DOE ...

This report describes detailed lessons learned, from up-front planning guidance to actionable interconnection recommendations. Based on the experiences with these seven projects, the California Energy Commission ...

For stakeholders with less existing microgrid knowledge, we asked if they knew the benefits of microgrids and if they wanted a brief technical review of how microgrids work.

This report features 26 microgrid case studies from California, North America, and other countries that make innovative business cases and rely on government support for less than 50 percent of project costs.

This report details how NCEMC implemented a microgrid project at Butler Farms. It intends to provide reference material for electric cooperatives interested in developing a microgrid on their systems, so as to expedite the ...

The Net-Zero Microgrid Program provides cross-cutting research to accelerate the use of renewable and zero-carbon generation in microgrids.

This report summarizes the attributes of the various assets that will be used in Pacific Northwest National Laboratory's (PNNL's) Integrated Renewable Energy System (IRES) microgrid project.

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