Illustration of the design process of household microgrid

Intended for use in the early stages of the design process, MDT uses powerful search algorithms to identify and characterize alternative microgrid designs in terms of user-defined inputs and objectives ...

Microgrids are most successful when utilities and third-parties work together to gather foundational information upfront and engage with stakeholders. Download this framework to guide you through the ...

Often completed during the feasibility assessment, this design lays out the basic technology types, sizes, locations, and methods of interconnecting the microgrid systems.

Defining an effective Microgrid Management System (MGMS) integrated with SCADA involves advanced communication, control, and optimization techniques to ensure efficient and reliable operation.

Download this framework to guide you through the entire microgrid design process from project roles to operating procedures.

This report captures and shares experiences and lessons from the Miramar assessment, conceptual design, solicitation, engineering design, and construction process as well as from other ...

This section presents a design methodology/approach for developing a preliminary design for networking pre-existing individual microgrids for resilient applications, based on determining the cost-optimal ...

A helpful primer for homeowners to discover and understand the latest opportunities of microgrid technology, as well as their challenges.

After considering the resilience benefits and high-level cost considerations for a microgrid project, if a microgrid appears to be an effective and feasible resilience investment option, the next step is to ...

Building a residential solar microgrid is no longer a futuristic concept--it"s an accessible, practical solution for achieving home energy independence, reducing electricity costs, and securing ...

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