Microgrid design guide

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

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

Despite the growing interest in microgrids, achieving their full potential requires a deep understanding of their diverse structures and design considerations.

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 ...

The following download is for the latest development version of the Microgrid Design Toolkit. This download is intended for advanced users needing access to the latest development features.

Welcome to the Microgrid Design Toolkit (MDT). This software readily supports decision analysis for new ("greenfield") microgrid designs as well as the design of microgrids with existing infrastructure that ...

This Unified Facilities Criteria (UFC) provides criteria on installation microgrid design requirements, performance metrics to inform design, sequence of operations, commissioning and validation, and ...

Written for graduate students and professionals in the electrical engineering industry, Microgrid Planning and Design is a guide to smart microgrids that can help with their strategic energy objectives such as ...

By combining renewable power generation, power storage and conventional power generation to meet energy demands, microgrids can provide cost savings, reliability and sustainability.

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, ...

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