Design Specifications for Microgrids in Border Areas

A site- and system-specific design specification, based on and following the general requirements of EO-2115, the SIR, and other applicable standards will be prepared and approved for ...

This white paper will explore how key articles of the National Electric Code (NEC) impact microgrid design and engineering to ensure safe and reliable operation.

Purpose: This recommended practice aims at standardization of the microgrid planning and design process by providing technical requirements and specifications. The recommended practice is ...

By delving into the intricacies of MG configurations, this study shows pathways for tailoring MGs to meet specific energy demands, enhance sustainability, and bolster resilience across diverse settings.

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.

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 part of IEC 62898 defines the guidelines for the general planning and design of microgrids, and IEC TS 62898-21 defines the general technical requirements for operation and control of microgrids, IEC ...

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, ...

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

IEC TS 62898-1:2017+AMD1:2023 provides guidelines for microgrid projects planning and specification. Microgrids considered in this document are alternating current (AC) electrical systems with loads and ...

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