

# Microgrid filing authority



## Overview

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The authorization process for microgrid operation involves obtaining necessary approvals from regulatory authorities before a microgrid can be officially energized and integrated into the existing grid infrastructure. Microgrid legal frameworks establish the foundational legal principles governing the development, operation, and integration of microgrids within the broader energy system. These frameworks vary significantly across different jurisdictions, reflecting local regulatory environments, policy . Authorized by Section 40101(d) of the Bipartisan Infrastructure Law (BIL), the Grid Resilience State and Tribal Formula Grants program is designed to strengthen and modernize America's power grid against wildfires, extreme weather, and other natural disasters that are exacerbated by the climate . The National Association of Regulatory Utility Commissioners ("NARUC") and National Association of State Energy Officials ("NASEO") released an August 2023 report titled: State Microgrid Policy, Programmatic, and Regulatory Framework ("Report") The Report references the role of the following: . While this document is believed to contain correct information, neither the United States Government nor any agency thereof, nor The Regents of the University of California, nor any of their employees, makes any warranty, express or implied, or assumes any legal responsibility for the accuracy . This report is available at no cost from the National Renewable Energy Laboratory (NREL) at [www.zinaman.com](http://www.zinaman.com), Owen, Joseph Eto, Brooke-Garcia, Jhi-Young Joo, Robert Jeffers, and Kevin Schneider. 2222, issued on September 17, 2020, in Docket No. [gov/sites/default/files/2020-09/E-1\\_0](https://www.erc.gov/sites/default/files/2020-09/E-1_0).

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### [White Paper: Enabling Regulatory and Business Models for Broad](#)

Given the diversity of use cases for microgrids, as well as the modular nature of microgrid components and the highly customized configurations that each microgrid use case necessitates, there is no one



### [State Microgrid Policy, Programmatic, and Regulatory Framework](#)

This framework provides relevant background information for State Energy Offices and PUC consideration, regardless of their state's microgrid landscape, through examples from peers as states

## Microgrid Overview

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



### [Essential Microgrid Legal Considerations for Compliance and Risk](#)

Explore essential microgrid legal considerations, from regulatory frameworks to interconnection standards, ensuring compliance in this evolving energy landscape.





## Legal Regulations for Microgrids: A Comprehensive Guide to

Explore the legal regulations for microgrids within energy law, covering regulatory complexities, licensing, ownership rights, and future legal reforms.

## US Microgrid Market Analysis

Hawaii has pioneered microgrid policies through the Microgrid Services Tariff (MST) created by House Bill 2110 (Act 200) in 2018 and fully implemented by the Hawaii Public Utilities Commission (PUC) in



## Microgrid Regulatory Compliance: What You Need to

Understand microgrid regulatory compliance from air permitting to emissions limits and how to meet federal, state, and local requirements.

## [A Community Guide to Regulatory Barriers Affecting Microgrids](#)

The microgrid's design, which included crossing public ROWs to connect separate properties (the franchise challenge), required the Coventry project to consolidate the billing for the Coventry Housing



## [State Microgrid Policy, Programmatic, and Regulatory Framework](#)

A reference for state officials to consult when faced with new statutory authority or a non-legislative impetus to revise existing or create new microgrid programs and/or regulations

## **FERC Order No. 2222 Explainer: Facilitating**

This explainer focuses on FERC's oversight of wholesale sales of electricity, as this is one area of FERC's authority on which it acted in Order No. 2222.



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