

State Microgrid Policy, Programmatic, and Regulatory Framework

September 1, 2023

Photo Courtesy of RL Martin



About NASEO

- The only national non-profit association for the governor-designated energy officials from each of the 56 states and territories
- Serves as a resource for and about the State Energy Offices through topical committees, regional dialogues, and informational events that facilitate peer learning, best practice sharing, and consensus building
- Advances the interests of the State and Territory Energy Offices before Congress and the Administration
- Learn more at www.naseo.org

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About NARUC

- National Association of Regulatory Utility Commissioners representing all 50 states and U.S. territories, founded in 1889
- Mission: to serve the public interest by improving the quality and effectiveness of public utility regulation
- NARUC members oversee electric, gas, telecommunications, and water utilities through rate-setting and other regulatory powers
- Learn more at www.naruc.org/cpi

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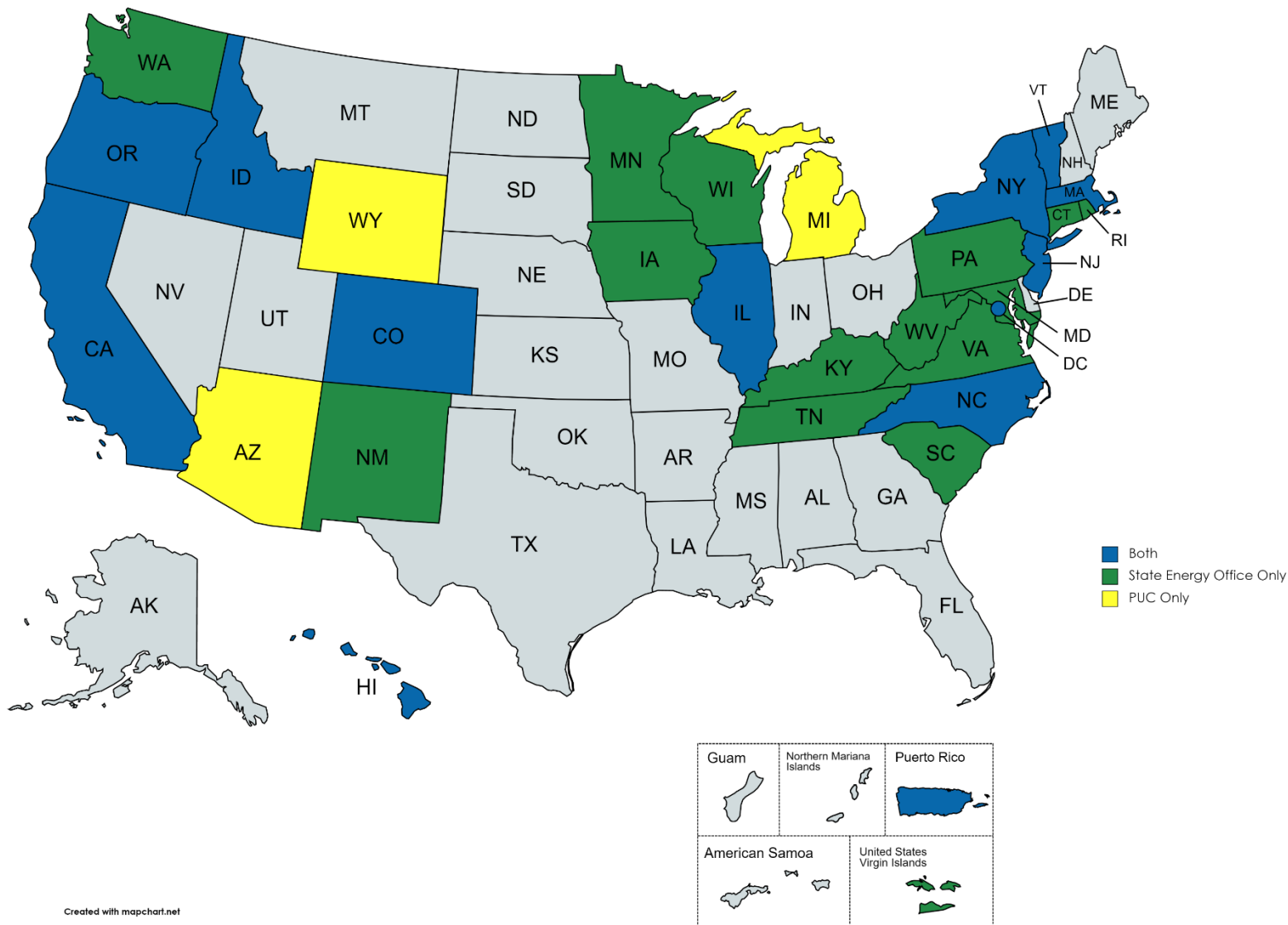
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Microgrid State Working Group



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NARUC
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**State Microgrid Policy, Programmatic,
and Regulatory Framework**
NASEO-NARUC Microgrids State Working Group



Kelsey Jones, NASEO
Will McCune and Kiera Zitelman, NARUC
August 2023

- High level of interest from policymakers in resilience investments
- PUCs and State Energy Offices tasked with translating into programs, policies, rules, and regulations for microgrids
- *Framework* provides examples of State Energy Office and PUC approaches, highlights common steps and challenges, and discusses unique responsibilities
- For PUCs and State Energy Offices: support awareness of microgrid efforts in other states, exchange best practices
- For stakeholders: understand the role of PUCs and State Energy Offices in designing and implementing programs and regulations

Factors Influencing the Development of Microgrid Strategies

Reliability

Resilience threats

Customer outlook

Market structure

Utility business model

State policy goals

Legislative Activity

- California SB 1339
- Colorado HB 22-1249, HB 22-1013
- Oregon HB 2021
- North Carolina SB 509

Programs may also advance without legislative activity, under existing PUC / State Energy Office scopes of authority

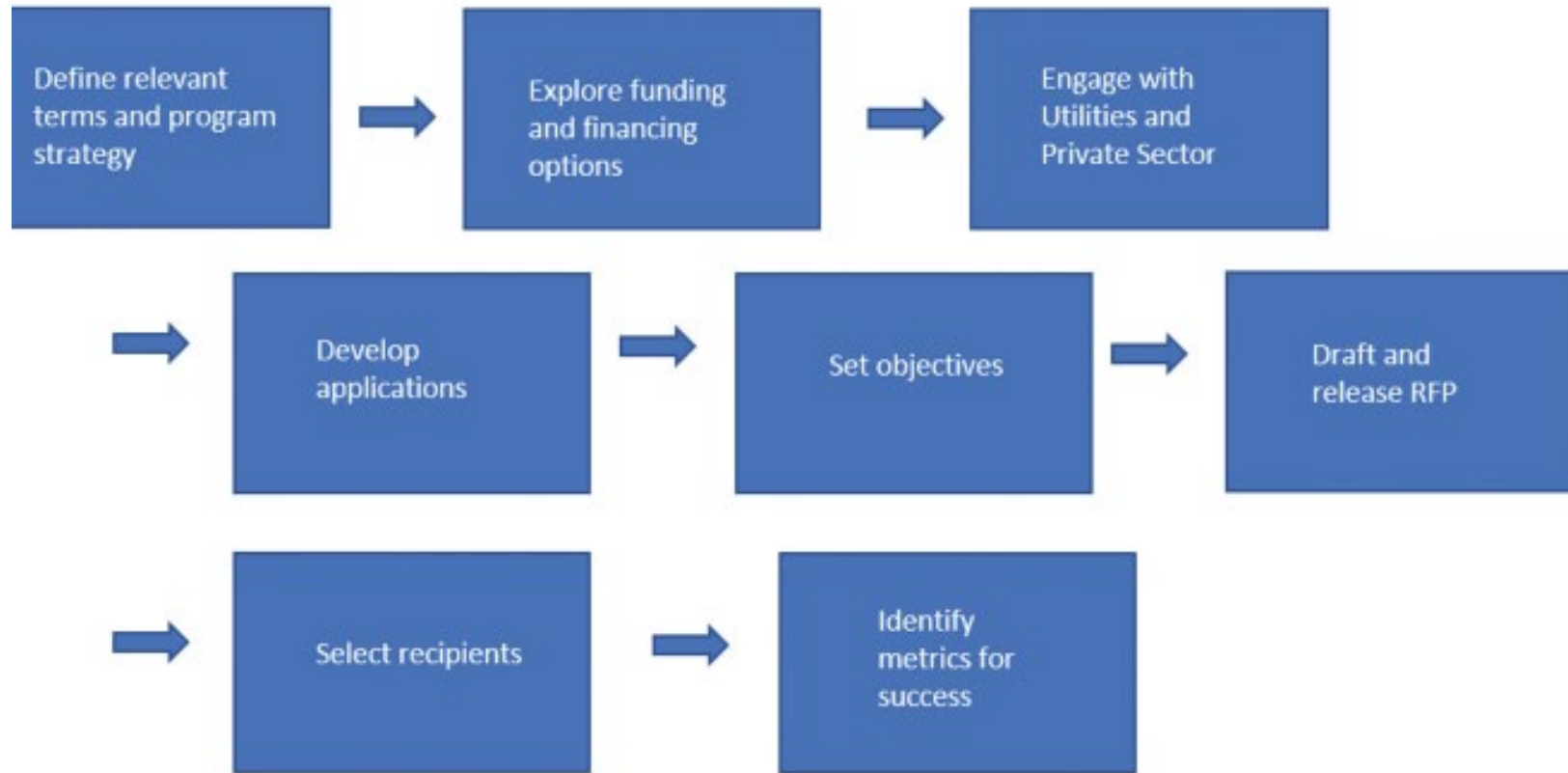
Starting Points

Stakeholder
engagement

Technical
assistance

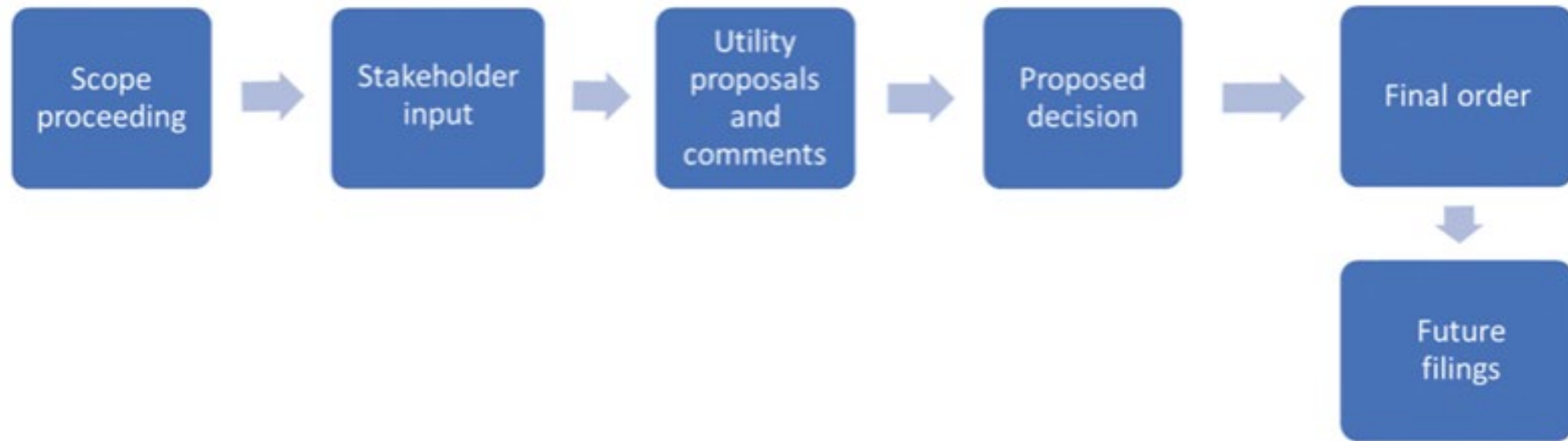
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Figure 1: Example - State Energy Office Steps for Developing a Microgrid Program



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Figure 2: Example Regulatory Process



Deep Dives

- Connecticut Microgrid Grant and Loan Program
- Hawaii Microgrid Services Tariff
- California Resiliency and Microgrids Proceeding



Questions?



State Microgrid Action Planning Workshop

- Oct. 3 – 4, 2023 in Bethesda / Silver Spring, MD
- Objectives:
 - Convene State Energy Offices and PUCs for peer sharing and information exchange on the programmatic, policy, and regulatory opportunities and barriers for microgrids development
 - Spotlight innovative state actions that have led to successful microgrid installations
 - Conduct action planning and identify next steps for State Energy Offices and PUCs to accelerate deployment of microgrids in support of other state priorities such as grid resilience and transportation electrification
- Register now:
<https://forms.office.com/r/9T2jx3uX0z>





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