

U.S. Energy Storage Policy: The Road Forward

Prepared For:



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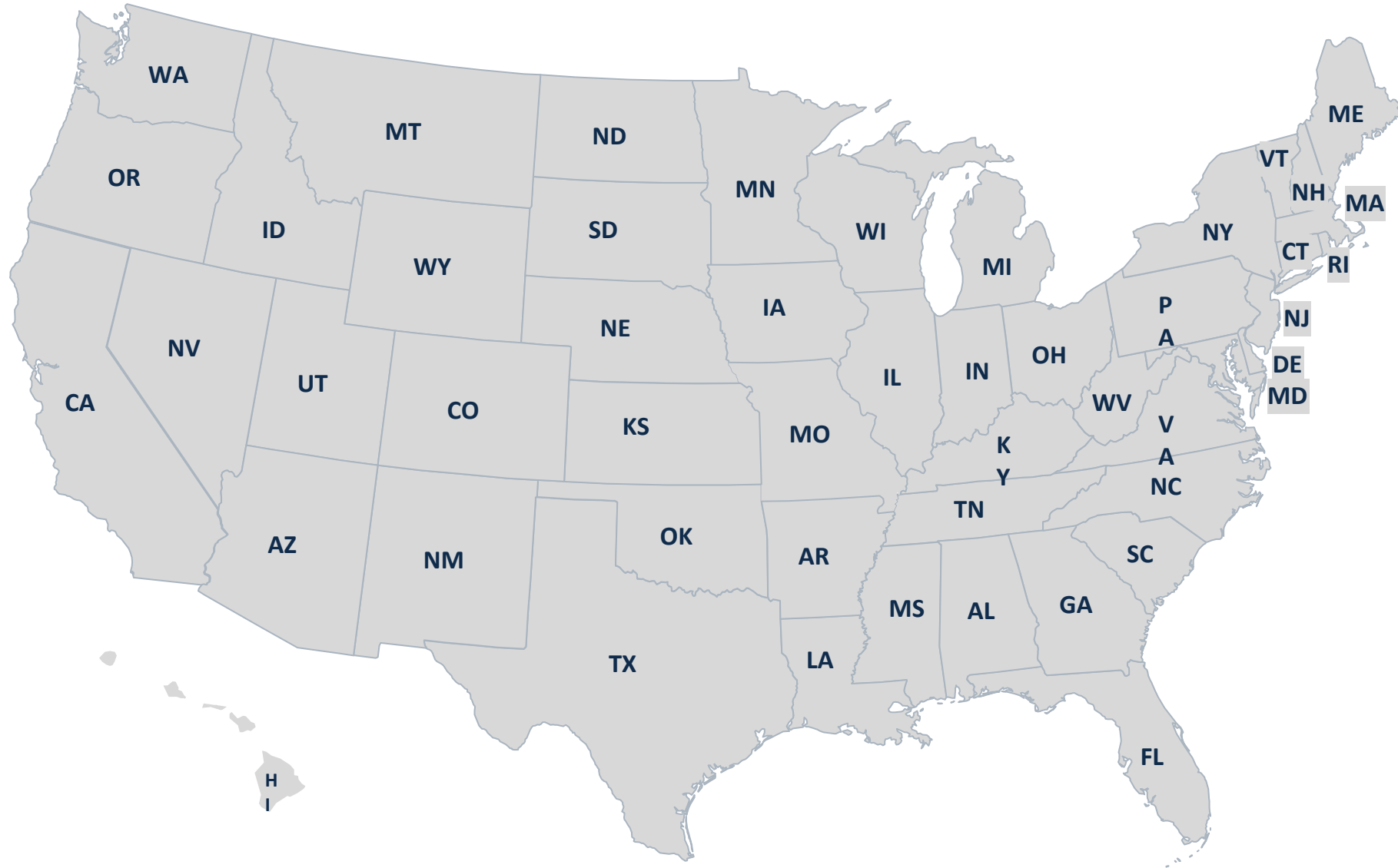
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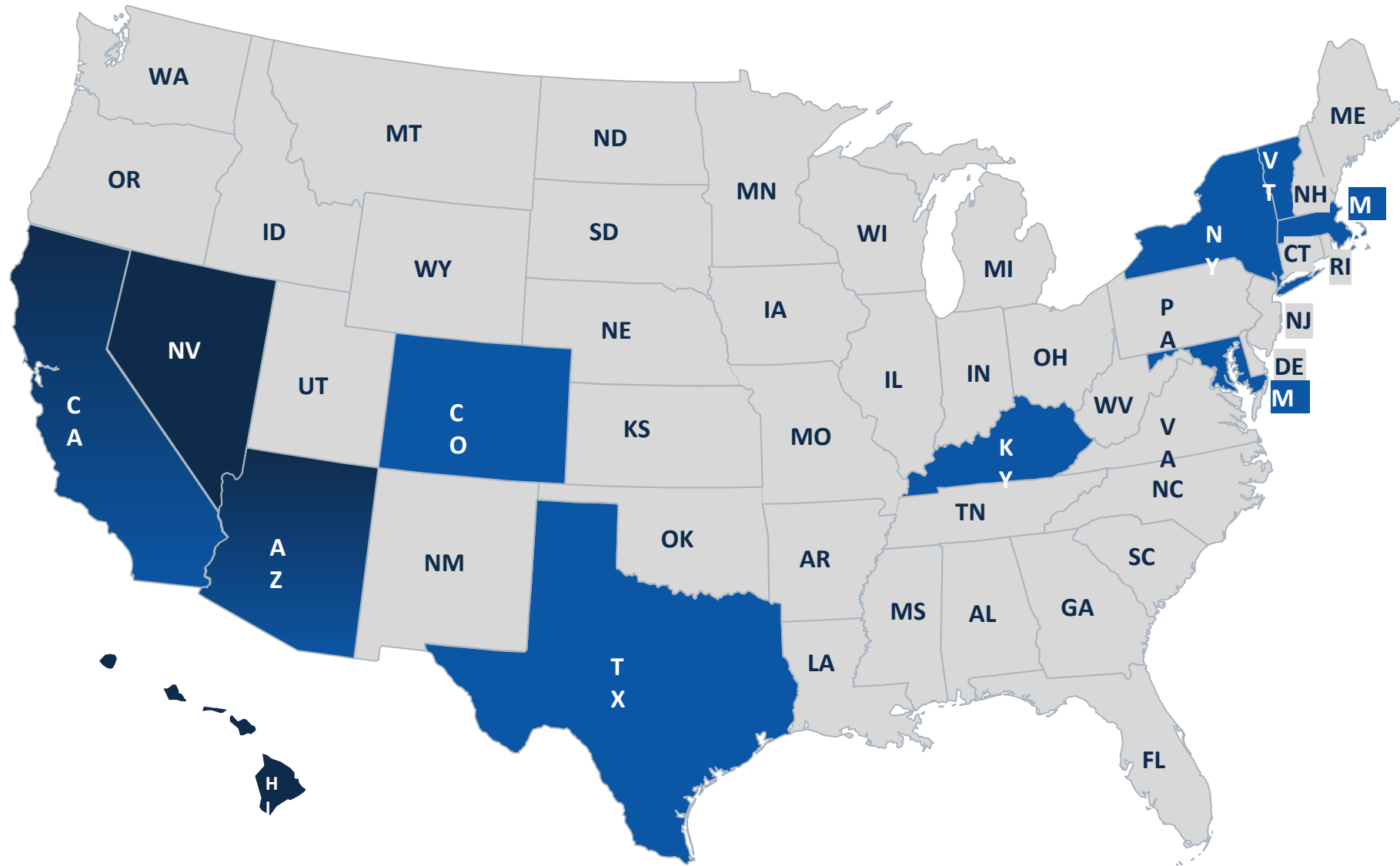
1. Behind-the-Meter Policy

Behind-The-Meter Support



Behind-The-Meter Support

Selected Active Policy/Regulatory Activity To Catalyze BTM Energy Storage

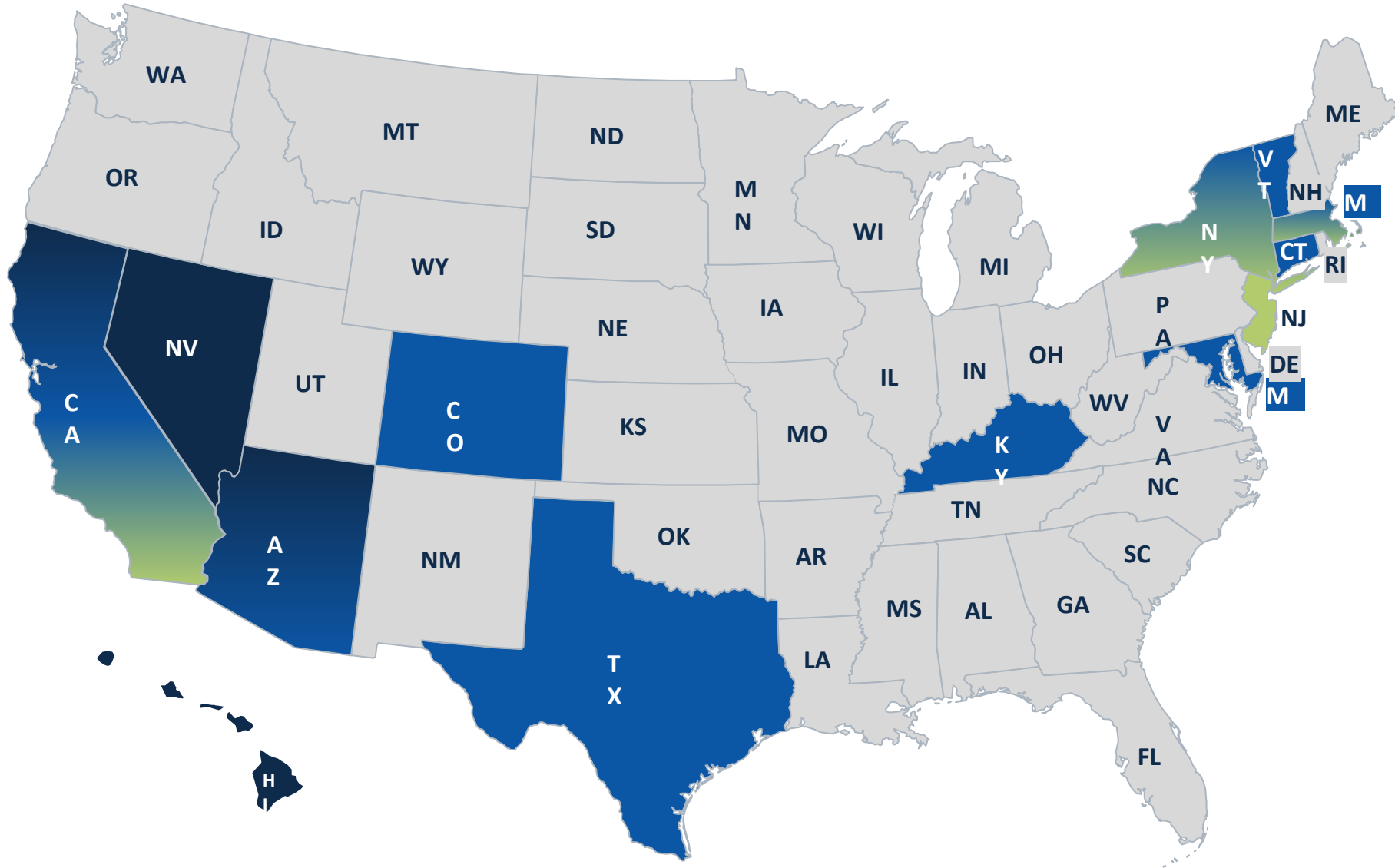


**Net Energy Metering/
Rate Reforms**

**Grid Services Pilots
and Incentives**

Behind-The-Meter Support

Selected Active Policy/Regulatory Activity To Catalyze BTM Energy Storage



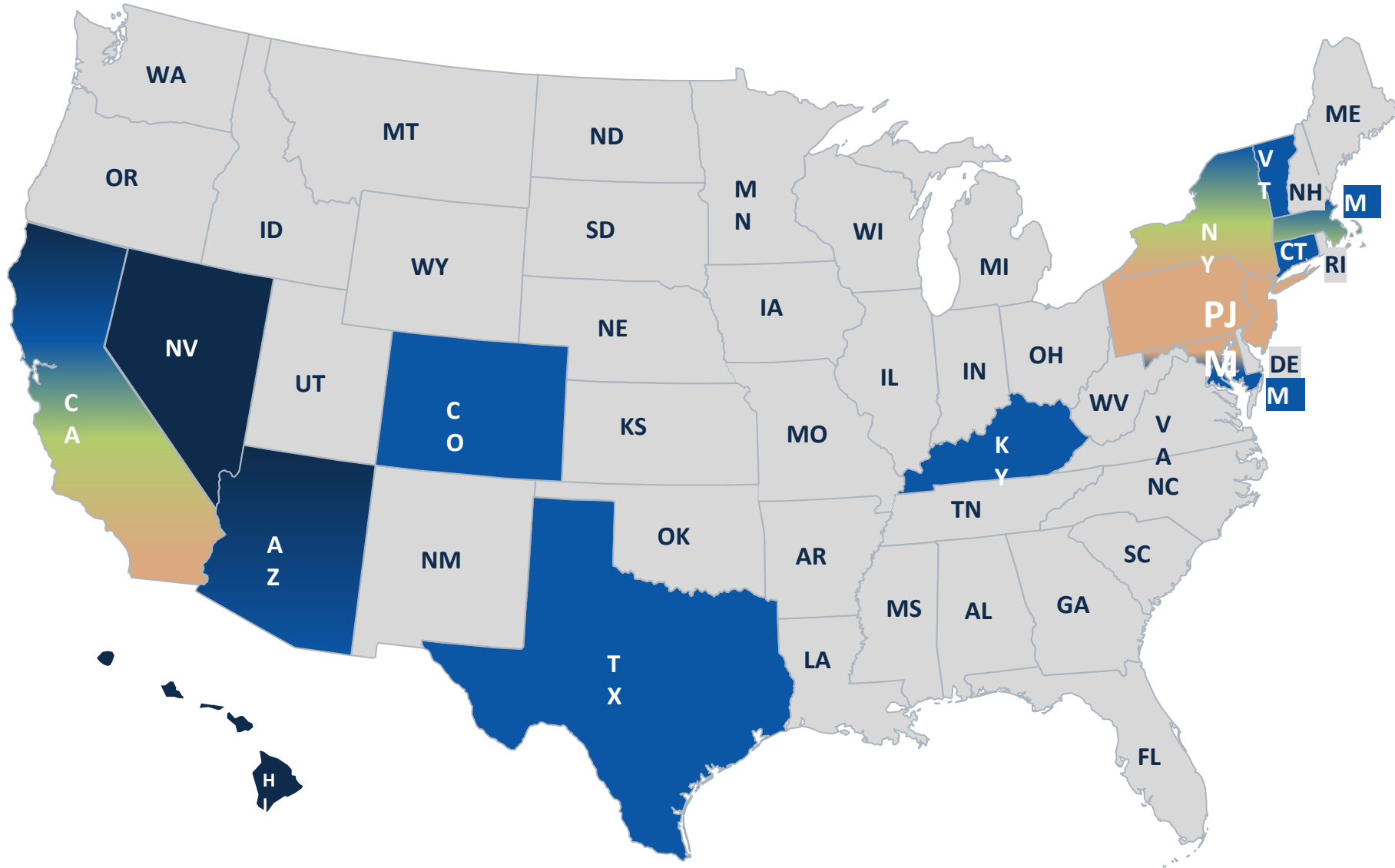
**Net Energy Metering/
Rate Reforms**

**Grid Services Pilots
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**Clean Energy/Resiliency
Incentive Programs**

Behind-The-Meter Support

Selected Active Policy/Regulatory Activity To Catalyze BTM Energy Storage



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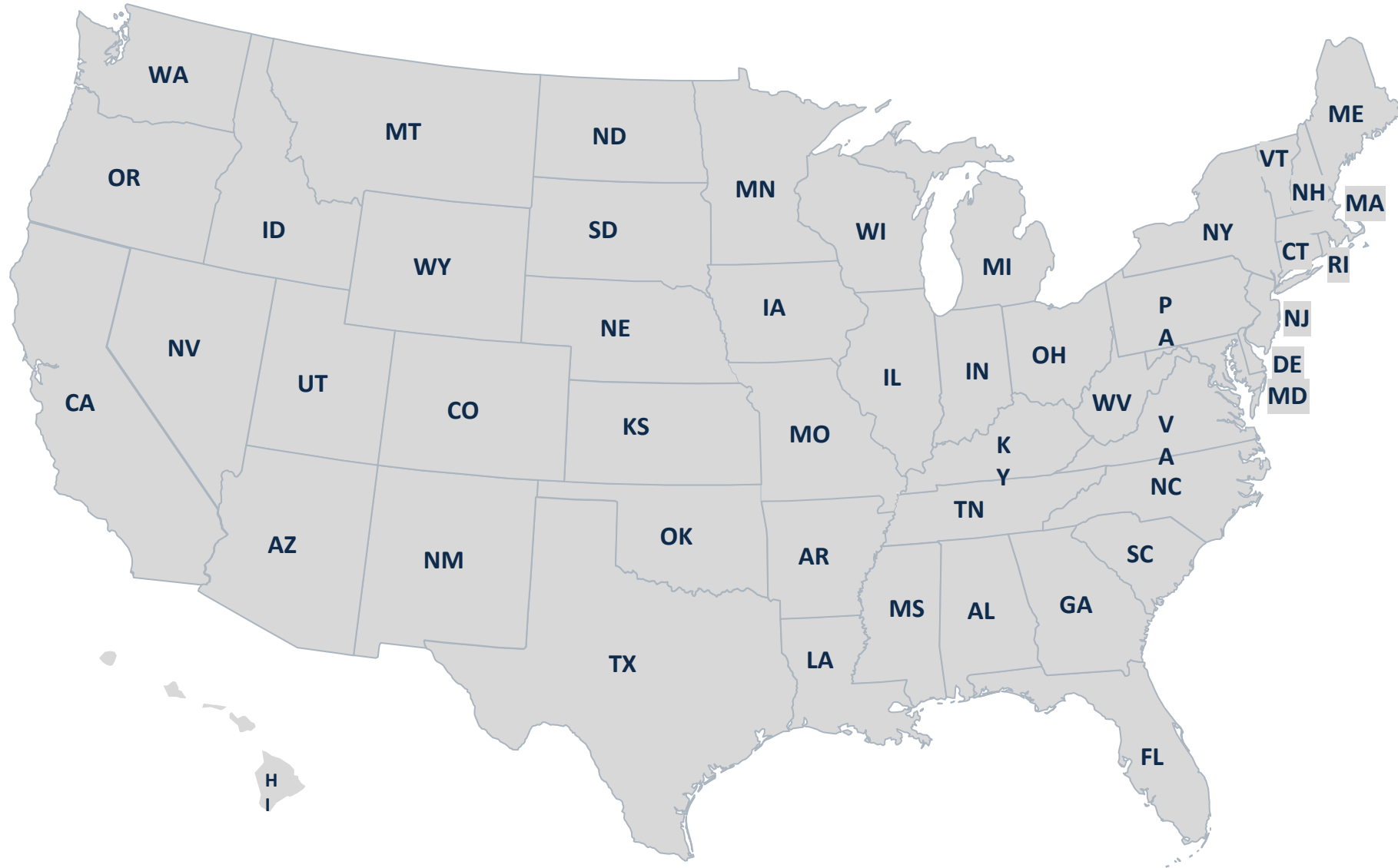
**Grid Services Pilots
and Incentives**

**Clean Energy/Resiliency
Incentive Programs**

**Aggregation,
Interconnection and
Telemetry Processes**

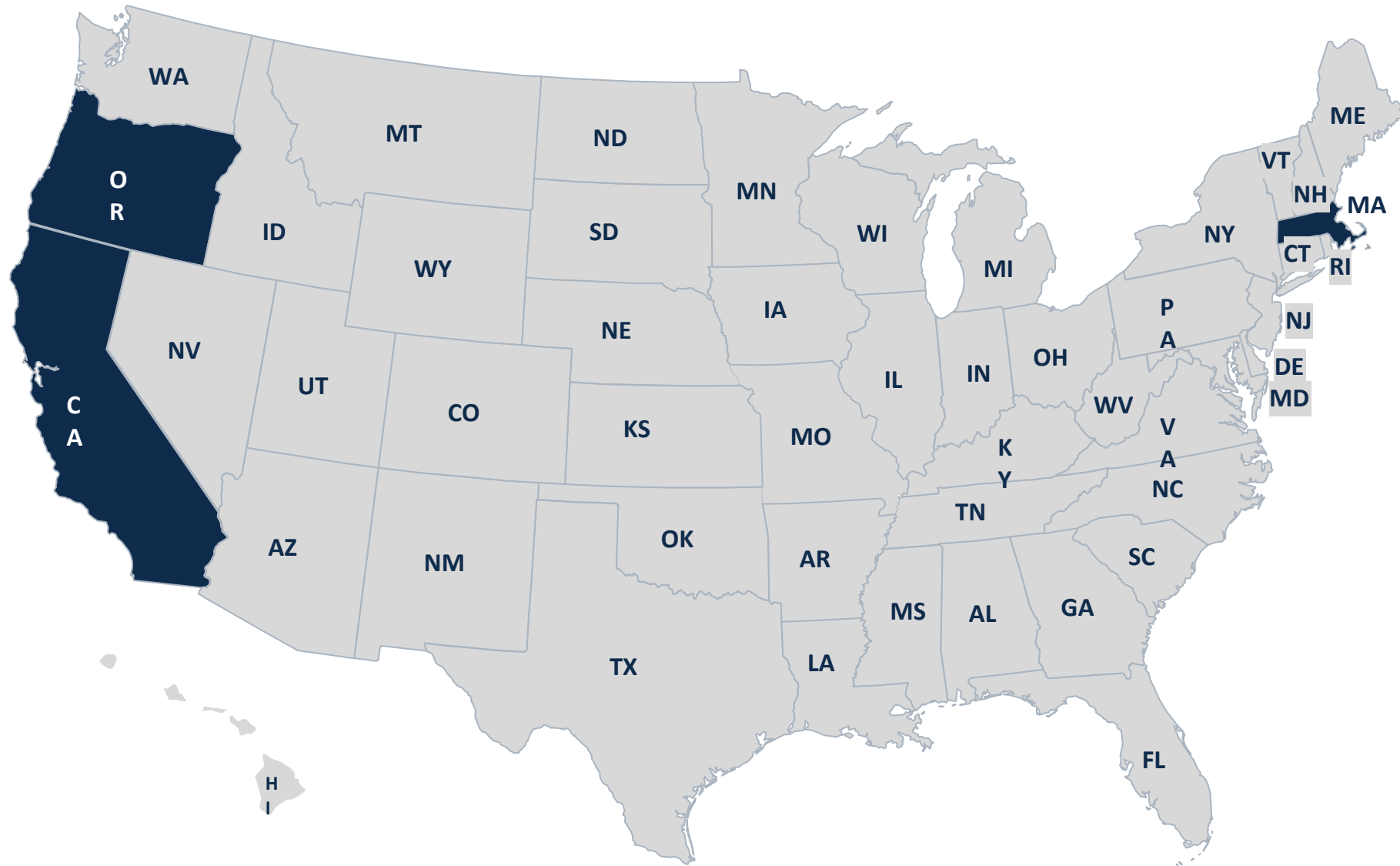
2. Front-of-the-Meter Policy

Front-of-Meter Support



Front-of-Meter Nudges

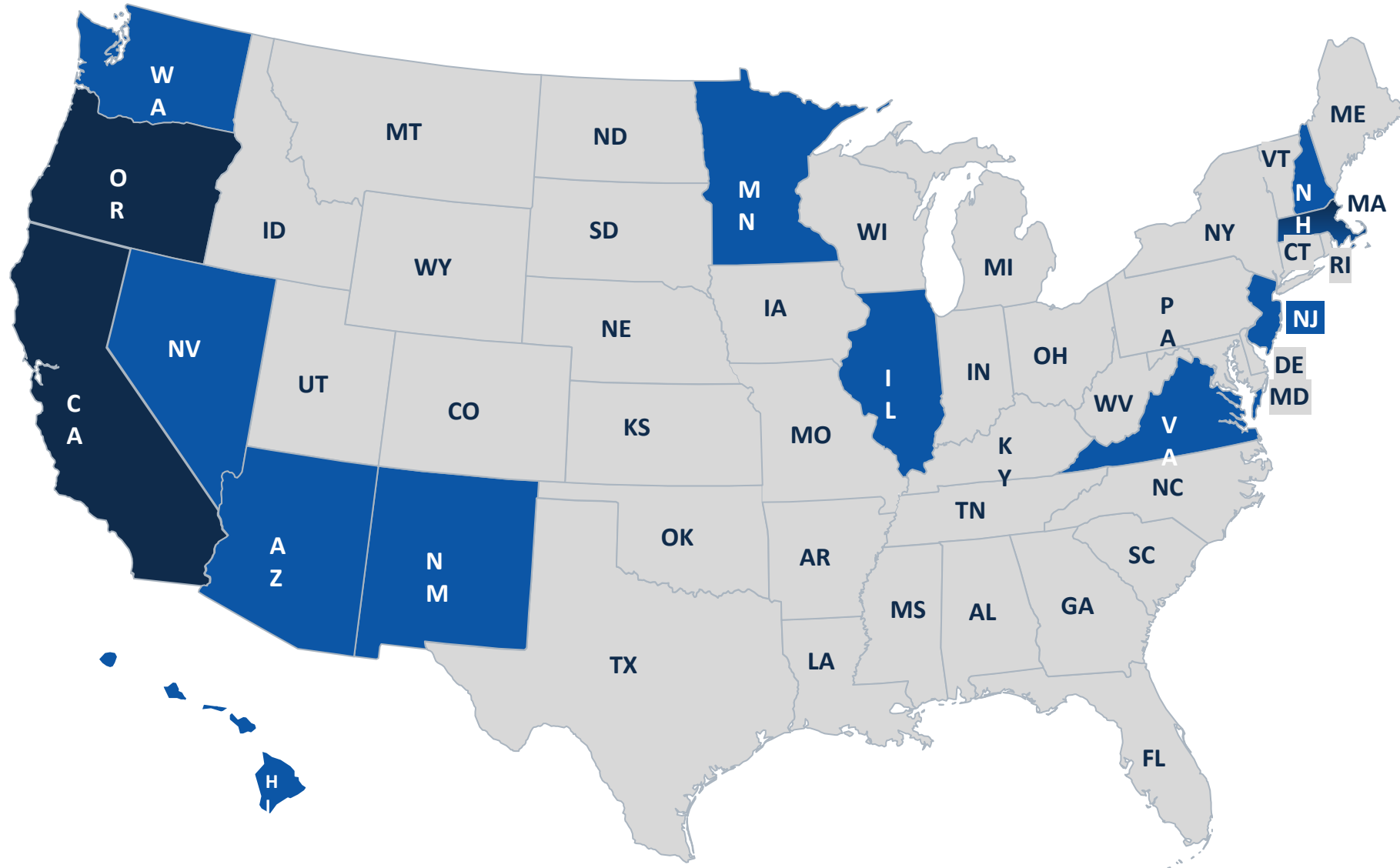
Selected Active Policy/Regulatory Activity To Catalyze Grid-Scale Energy Storage



**Energy Storage
Mandates**

Front-of-Meter Support

Selected Active Policy/Regulatory Activity To Catalyze Grid-Scale Energy Storage



Energy Storage Mandates

Grid Modernization Programs / Utility IRPs

FERC NOPR Has Potential to Expedite Energy Storage Participation

Proposed FERC Requirements

Electric storage resources must be **eligible** to provide all capacity, energy and ancillary services that they **are technically capable of providing** in the organized wholesale electric markets.

The bidding parameters incorporated in the participation model must reflect and account for the **physical and operational characteristics** of electric storage resources.

Electric storage resources can be dispatched and can **set the wholesale market clearing price** as both a wholesale seller and a wholesale buyer consistent with existing rules that govern when a resource can set the wholesale price.

The **minimum size** requirement for electric storage resources to participate in the organized wholesale electric **markets must not exceed 100 kW**.

The sale of energy from the organized wholesale electric markets to an electric storage resource that the resource then resells back to those markets **must be at the wholesale LMP**.

Source: FERC Electric Storage Participation in Markets Operated by Regional Transmission Organizations and Independent System Operators, Dockets AD16-20 and AD16-23

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