







CCIF 2020 Webinar

Key Considerations for Electric Sector Climate Resilience Policy and Investments

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MJB & A

an ERM Group company

Key Considerations for Electric Sector Climate Resilience Policy and Investments

- The increasing threats of climate change are requiring utilities to make operational changes and investments to improve the resilience of the electric system.
- MJB&A Report: identifies ways in which both utility regulators and other state and local policymakers can support and guide utility resilience planning, exploring key elements that must be considered when developing electric utility resilience planning
- Includes case study examples to further highlight possible opportunities in the planning process and benefits of proactive resilience planning and investments

Climate Resilience:

the ability of the electric power generation and delivery system to withstand and recover from disruptive events and to anticipate, adapt, and continue to reliably serve customers in the face of a changing climate and associated risks.

Utility Climate Resilience: Roles of Policymakers

Utility Regulators

1. Determine just and reasonable rates over short- and long-term
2. Serve as nexus of policymaking for resilience standards
3. Assess and approve utility resilience plans and investments

Local and State Regulators

1. Set overarching climate resilience goals to create impetus for utility action
2. Guide utility resilience investments in a way that both reinforces and draws upon broader resilience efforts
3. Provide and distribute resilience funding

Climate Resilience: Utility Regulator Considerations



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Climate Resilience: State and Local Considerations

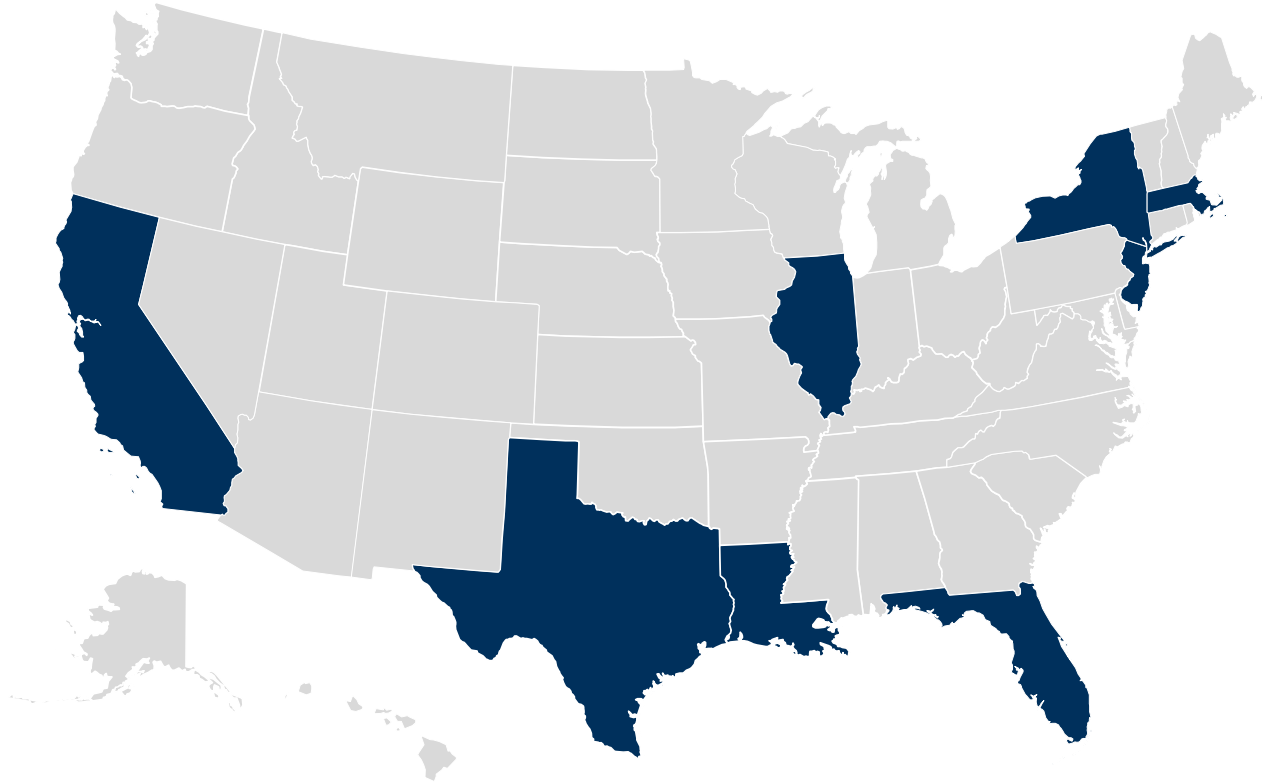


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Case Studies and Key Takeaways

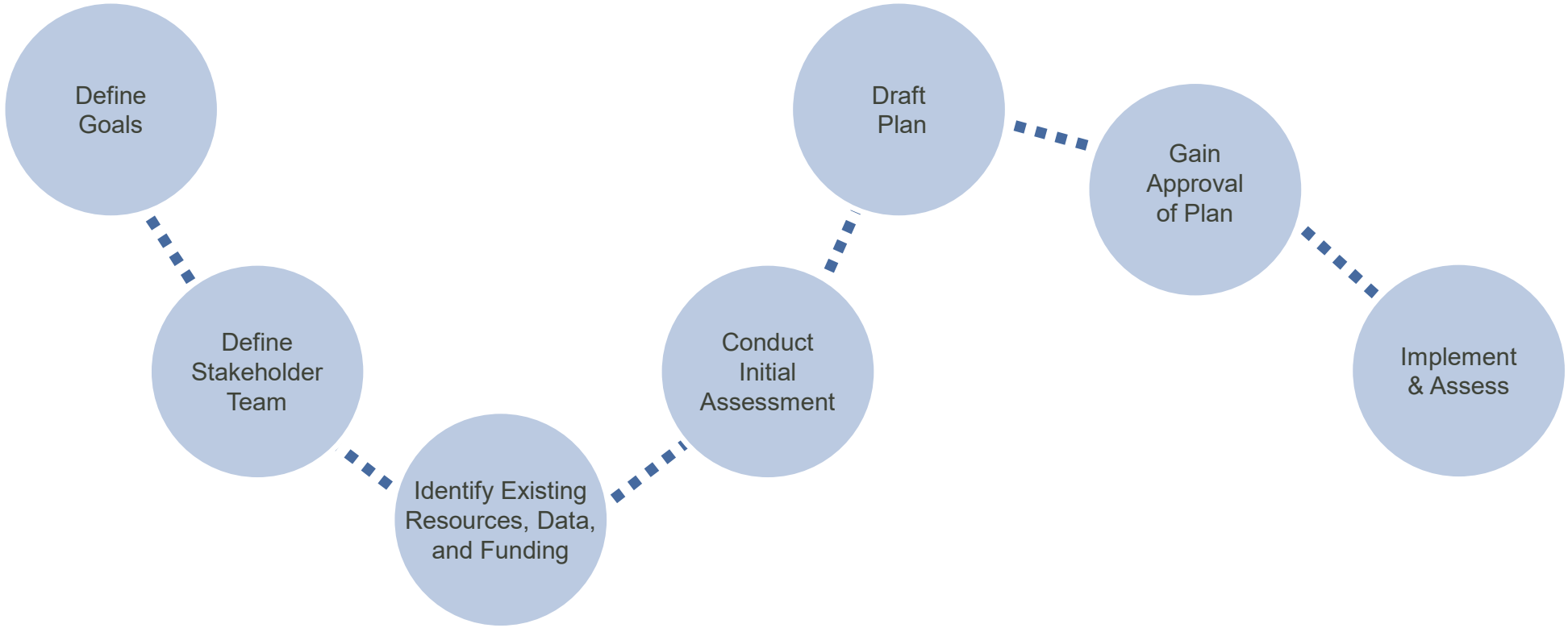
- Emerging practices include dynamic measurement and assessment of resilience actions
- A major storm (or a series of storms) were the main drivers for many of the case studies that involved legislative or regulatory oversight
- Resilience studies are often completed through a public private partnership
- State legislation can drive regulators towards approving utility resilience programs

Current Case Study Locations



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Roadmap for Designing a Resilience Plan



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