NARUC GRID DATA SHARING FRAMEWORK

BACKGROUND:

- In 2022, NARUC launched the Grid Data Sharing Collaborative to support its members in addressing challenging questions about grid data sharing, including data related to the electric system, up to and including data generated by the electric meter.[1]
- NARUC invited state utility regulators, utility leaders, distributed energy resource (DER) developers, and cybersecurity subject matter experts to join the Grid Data Sharing Collaborative. The Collaborative's goal was to develop a flexible framework for states to use as a starting point to navigate the complex decision-making and trade-offs that surround questions of grid data sharing.
- The Grid Data Sharing Framework took shape during a series of Collaborative workshops over more than a year. Participants prioritized grid data sharing use cases, identified potential values and benefits of those use cases, debated possible risks and mitigation options related to grid data sharing, and discussed likely implementation challenges.
- The result is a collaboratively developed framework for gathering relevant information and considering grid data sharing options and trade-offs, along with companion resources to help use the framework in practice.

GRID DATA SHARING RESOURCES:

- **The Framework** is intended to help utility commissions and interested parties effectively address questions related to grid data sharing and to provide a structure for engagement and decision-making. The Framework is composed of seven topics with a series of questions that can support collecting, examining, and documenting inputs to inform grid data sharing decisions. It is an information collection template, not a process.
- **The Playbook** provides a detailed explanation of the Grid Data Sharing Framework and offers examples and insights to assist state utility regulators and interested stakeholders with its use. The Playbook is intended to help decision-makers and stakeholders articulate the benefits, challenges, and trade-offs most appropriate for their jurisdictions. The Playbook does not serve as a step-by-step planning document or a prescriptive set of recommendations. Each utility commission will follow a regulatory process that fits its own needs.
- **Three example use cases** can be found in the appendix of the Playbook: Improving DER Interconnection, Enabling Fleet Vehicle Electrification, and Enabling Distribution Non-Wires Solutions. Grid Data Sharing Collaborative participants developed and iterated on these use cases to support refinement of the Framework. The use cases offer examples of the types of information that could be used to answer the prompt questions in each category of the Framework.
- **A Summary of State Practices** discusses trends in utility regulatory approaches to grid data sharing and provides a summary table of grid data sharing approaches across 19 states and more than 40 utilities.

READ THE PLAYBOOK:

[1] For the purposes of this initiative, grid data does not include personally identifiable data, demographic information, or other data that can be used to identify an individual customer.

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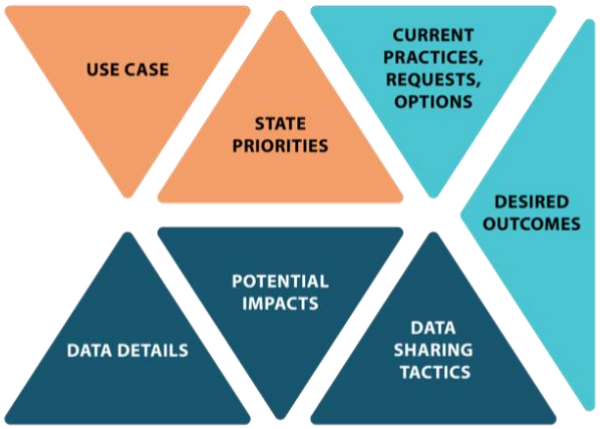
THE GRID DATA SHARING FRAMEWORK:

- Each of the Framework's categories contains a series of relevant questions that help elicit meaningful input into the decision-making process.
- The color coding is intentional. Similar colors suggest a close relationship in content within those Framework categories.
- The Framework is intended to be flexible. Users can start where it makes most sense to them.



The Framework categories are:

- **Use Case** – Short description of the scenario for which grid data sharing is relevant.
- **State Priorities** – State goals, policies, and authorities that may apply to the use case and grid data sharing.
- **Current Practices, Requests, Options** – Grid data already available or shared, additional data being requested, and existing options for enabling the use case.
- **Desired Outcomes** – Intended benefits enabled through the availability of electric utility grid data.
- **Data Details** – Data elements necessary to unlock the benefits of the use case.
- **Potential Impacts** – Incremental risks and consequences of sharing additional data details beyond current practices.
- **Data Sharing Tactics** – Approaches that can be implemented to mitigate potential negative impacts of grid data sharing.

LEARN MORE ABOUT THE FRAMEWORK:

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