



NARUC

National Association of Regulatory Utility Commissioners

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Essential Guide to NARUC Data Sharing Resources



Overview

National Association of Regulatory Utility Commissioners (NARUC) members are increasingly being asked questions related to third-party access to both power system information (“grid data”) and customer energy information. While different in scope and nature, both data types are needed to plan and operate a modern electricity system with growing numbers of distributed energy resources (DERs), changing customer preferences, and new energy-consuming technologies.

This guide connects commissioners and commission staff to essential data sharing resources that the NARUC Center for Partnerships & Innovation (CPI) has developed with support from the U.S. Department of Energy (DOE) and National Institute of Standards and Technology (NIST). All of these resources can

be found on the NARUC [Grid Data Sharing](#) and [Customer Data Access](#) webpages. For more information, contact Jeff Loiter, jloiter@naruc.org.

Foundational NARUC Resources on Data Sharing and the Role of PUCs

- [NARUC Grid Data Sharing Factsheet](#), November 2023
The Grid Data Sharing Factsheet guides users in the implementation of NARUC’s *Grid Data Sharing Framework and Playbook*, which helps public utility commissions (PUCs) address questions related to grid data sharing and provides a structure for engagement and decision making.
- [Frequently Asked Questions about Customer Data Access](#), July 2025
This FAQ summarizes key topics about customer data access, including why customer data access is a priority for utilities and PUCs; types of customer data and associated use cases; how utilities collect and manage customer data; how customer privacy is protected; and fundamental steps for executing effective data sharing.

About the NARUC Center for Partnerships & Innovation

NARUC CPI identifies emerging challenges and connects state commissions with expertise and strategies to navigate complex decision-making. CPI accomplishes this goal by building relationships, developing resources, and delivering training that provides answers to state commissions’ questions.

NARUC CPI conducts work in five key energy topics: generation; transmission; distribution; customers; and critical infrastructure, cybersecurity, and resilience. Find all resources and upcoming events at: www.naruc.org/cpi.

Publications and Activities on Key Data Sharing Topics

The following resources can be found on the NARUC [Grid Data Sharing](#) and [Customer Data Access](#) webpages. To view recordings of past webinars, visit those webpages or [NARUC's YouTube channel](#).

Grid Data Sharing

[NARUC Grid Data Sharing Playbook](#), November 2023

This playbook provides a detailed explanation of the *NARUC Grid Data Sharing Framework* and offers examples and insights to assist PUCs with its use. Consisting of a series of questions structured around the Framework's seven major topics, it is intended to help decision makers articulate the benefits, challenges, and tradeoffs most appropriate for their jurisdictions.

[Example Use Cases within NARUC Grid Data Sharing Playbook](#), November 2023

Three example use cases for grid data sharing can be found in this appendix to the playbook: "Improving DER Interconnection," "Enabling Fleet Vehicle Electrification," and "Enabling Distribution Non-Wires Solutions." They offer examples of the types of information that could be used to answer the prompt questions in the framework.

[Grid Data Sharing: Brief Summary of Current State Practices](#), November 2023

This summary discusses trends in regulatory approaches to grid data sharing and outlines key areas of alignment and divergence; a summary table outlines different states' and utilities' approaches.

- [Webinar: Virtual Walkthrough of NARUC Grid Data Sharing Framework and Playbook](#), December 2023
With the release of the NARUC Grid Data Sharing Framework and accompanying Grid Data Sharing Playbook, NARUC hosted a webinar to guide users through these new resources.

Customer Data Sharing

[Compendium of Standards and Requirements for Utility Customer Energy Data Access](#), September 2025

This document gathers information, orders, and guidance about how PUCs have handled customer data sharing and access across a variety of use cases. Regulators can use this information to consider how they might manage data access in their jurisdiction.

[Customer Data Access Learning Modules](#)

Short videos that highlight key concepts and examples in customer data access.

- [Webinar: Customer Data Sharing: What Is It and Why Do We Care?](#), July 2025
This webinar explained energy consumption data and associated use cases; how utilities collect and manage customer consumption, energy, and billing data; the evolution and status of data standards such as Green Button Connect, Electronic Data Interchange, Zigbee, and IEEE2030.5; and key industry and policy trends in customer data sharing. Also see the related [Data Access FAQ](#).
- [Webinar: Consent-based Data Sharing](#), August 2025
Consent-based data sharing is a foundational service that utilities can provide customers and their third-parties. Experts on user experience, cybersecurity, and policy addressed key features and questions that can help utility regulators determine whether data sharing is likely to be successful for particular use cases. Also see the related [webinar summary](#).
- [Webinar: Policy Tools for Data Sharing](#), September 2025
This webinar reviewed tools utility regulators, decisionmakers, and utilities use to develop policies around data access, leveraging example language collected from states' data sharing decisions and dockets. Speakers discussed challenges utility regulators face in tackling data access questions.