JANUARY 13, 2026| CONCORD, NH

ISO New England Update

Presentation to the New Hampshire House Science, Technology & Energy Committee

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Overview of Presentation

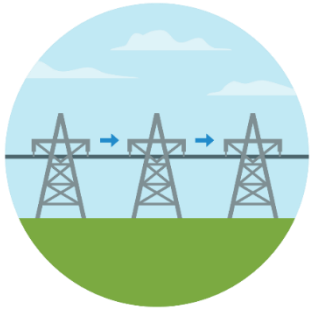
ISO New England Has Nearly Three Decades of Experience Overseeing the Region's Restructured Electric Power System

- **Regulated** by the Federal Energy Regulatory Commission
- **Reliability Coordinator** for New England under the North American Electric Reliability Corporation
- **Independent** of companies in the marketplace and **neutral** on technology

ISO New England Performs Three Critical Roles to Ensure Reliable Electricity at Competitive Prices

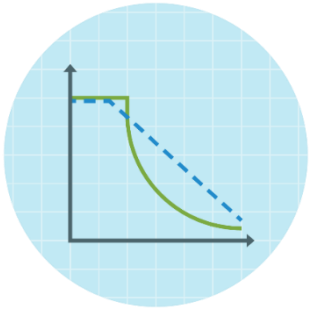
Grid Operation

Coordinate and direct the flow of electricity over the region's high-voltage transmission system



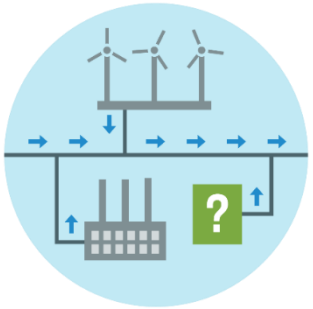
Market Administration

Design, run, and oversee the markets where wholesale electricity is bought and sold



Power System Planning

Study, analyze, and plan to make sure New England's electricity needs will be met over the next 10 years



Things We Don’t Do

Handle retail electricity

Own power grid infrastructure

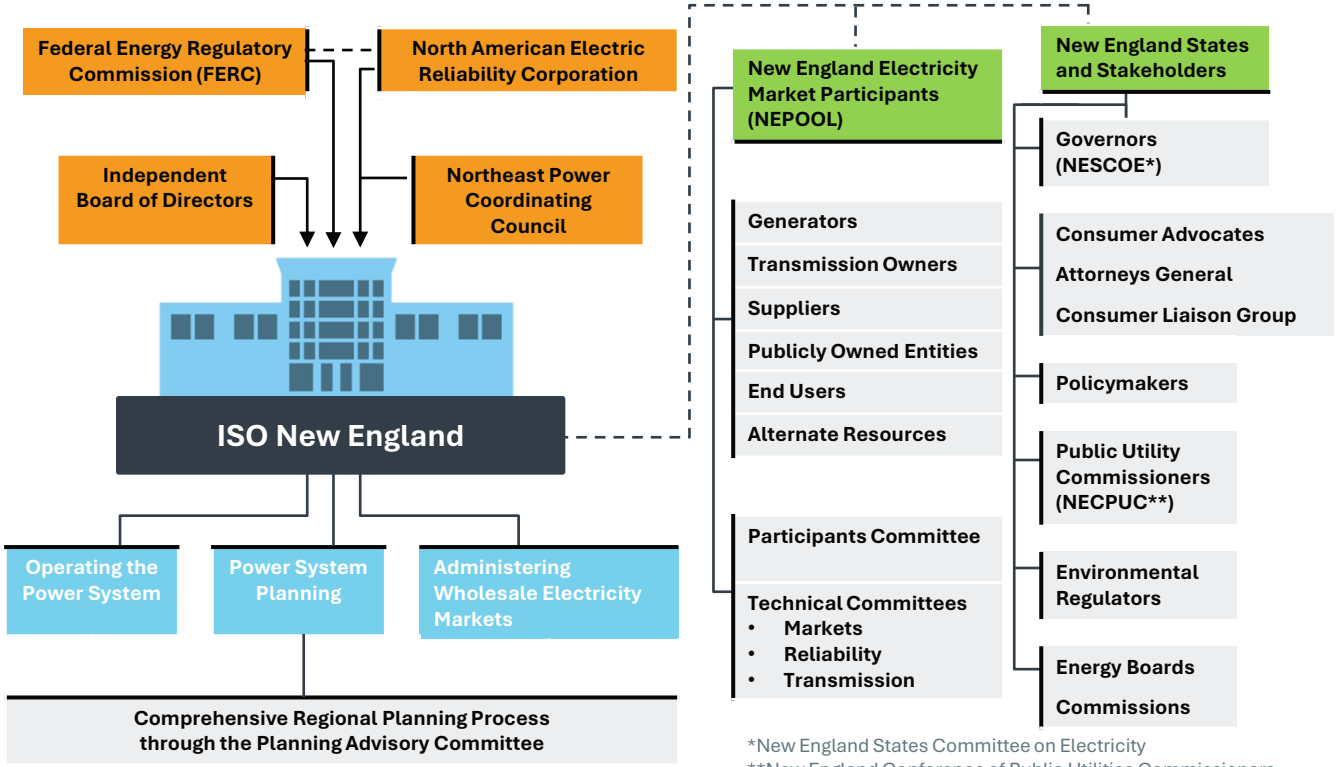
Have a stake in companies that own grid infrastructure

Have jurisdiction over fuel infrastructure

Have control over siting decisions

Plan the resource mix

Numerous Entities Including an Independent Board Provide Oversight of and Input on ISO's Responsibilities



*New England States Committee on Electricity
**New England Conference of Public Utilities Commissioners

ISO New England Keeps Power Flowing Across the Region Every Minute of Every Day

ORGANIZATIONAL UPDATES

Leadership Transition - Dr. Vamsi Chadalavada

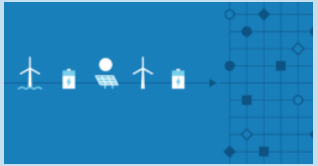
- Dr. Vamsi Chadalavada became ISO's president and CEO effective January 1, 2026, succeeding Gordon van Welie
- Chadalavada joined the ISO in 2004 as vice president for market and system solutions and was promoted to executive vice president and chief operating officer in 2008. As COO, he supervised power system and market operations, market development, system planning, information and cybersecurity services, participant relations and services, advanced technology solutions, and program management.

Read the full story on the ISO Newswire

SYSTEM PLANNING UPDATE

The ISO's Interconnection Process is in Transition

- The ISO's Order No. 2023 compliant Interconnection Procedures include several major changes to its previous "first-come, first-served" serial study-based interconnection process
  - Adopts a "first ready, first-served" cluster study process
  - Increased financial/site control requirements for those entering the ISO's interconnection process
  - A penalty structure applied to the ISO and transmission owners for delays in study completion beyond established deadlines
- On October 11, 2025, the ISO started the **Transitional Cluster Study** (TCS), which must be completed by August 6, 2026
- State-jurisdiction interconnection studies will continue to closely coordinate with ISO Interconnection Studies



Learn more about the TCS

Interconnection Process – Basic Flow

Interconnection Request

Basic information: size, location, fuel type

Cluster Study

Identifies upgrades required for interconnection

Interconnection Agreement

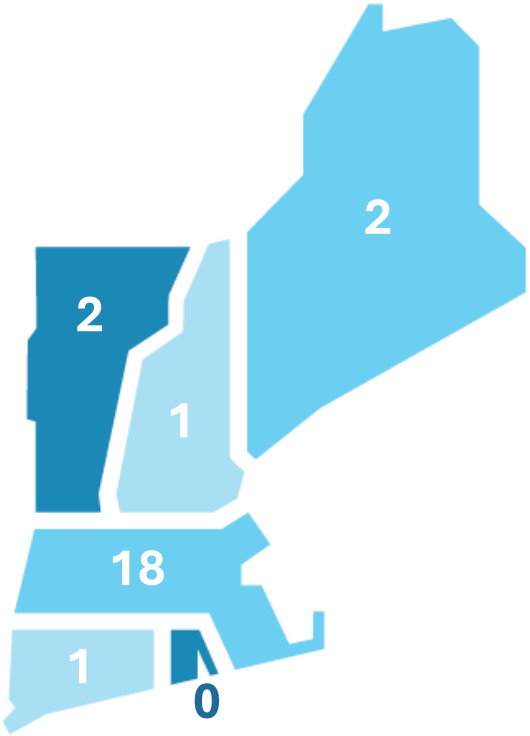
Three-party agreement between generator, ISO, and transmission owner

Construction

Generator begins commercial operation once construction is complete

For more information about this process, visit Participate > Applications and Status Changes > New or Modified Interconnections

What's in the Transitional Cluster Study?



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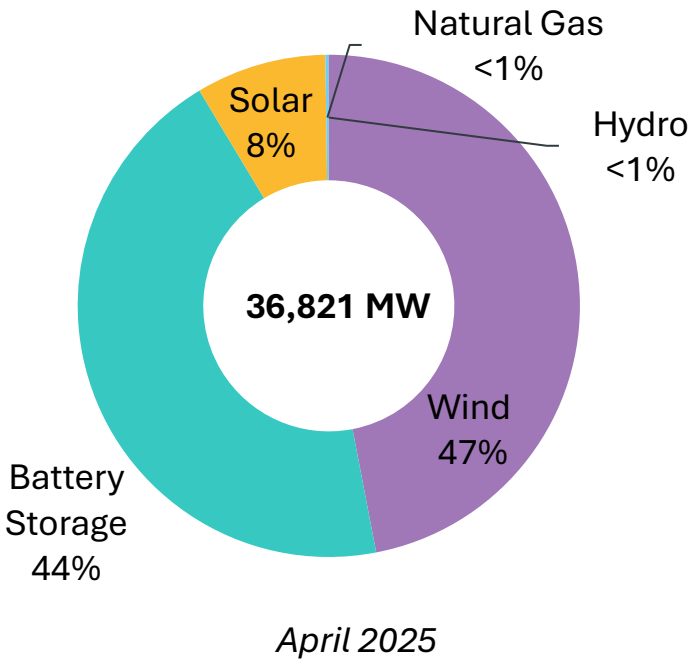
Interconnection Requests

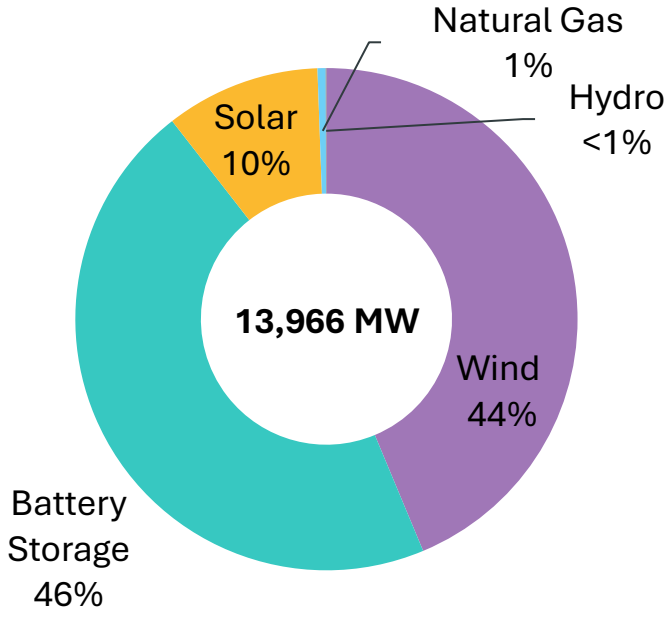
5,707 MW*

*MW total only includes Interconnection Requests that did not complete a system impact study prior to April 4, 2025, and so will need to be studied according to the Network Capability Interconnection Standard. Totals for each fuel type represents all Interconnection Requests Participating in the Transitional Cluster Study (including those being only studied according to the Capacity Capability Interconnection Standard). January 2026

Today's Queue Reflects the Changing Interconnection Process



April 2025



January 2026

Source: ISO Generator Interconnection Queue, FERC Jurisdictional Proposals; Nameplate Capacity Ratings.

Longer-Term Transmission Planning (LTTP)

- 2020: New England States Committee on Electricity (NESCOE)'s vision statement recommended that the ISO work with stakeholders to conduct a **comprehensive long-term regional transmission study**
  - In response, the ISO began the study and received **FERC approval** to revise the ISO Tariff to establish a repeatable longer-term study process
- 2024: 2050 Transmission Study was the **first longer-term transmission study**
  - Informs stakeholders of the amount and type of transmission infrastructure necessary to provide reliable, cost-effective energy to the region through the **clean energy transition**, driven by state policy
- The region's **aging transmission system** has the potential to become a **significant bottleneck** to progress if it does not keep pace with changes to other elements of the power system

Learn more about **Longer-Term Transmission Studies**

Longer-Term Transmission Planning RFP

- ISO received 6 Longer-Term Proposals:
  - 3 primarily AC transmission; 3 primarily HVDC transmission
  - All designs claim to support 1,200 MW of northern ME wind
  - Cost estimates range from $0.96B to $4.04B**
  - In service dates Q4 2032 to Q3 2035 (12/31/2035 target)
- Bid summaries are available on the ISO website

* May be either Preferred Longer-Term Transmission Solution or Preferred Longer-Term Transmission Proposal, depending on whether Attachment K Section 16.4(i) or 16.4(j) applies. Schedule subject to change; **Costs may include estimates for corollary upgrades that may change with final PTO provided cost estimates.

ISO is Developing a New Function to Provide Oversight of Asset Condition Projects

- In response to state and stakeholder requests, with certain boundary conditions established, the ISO has committed to take on a **new advisory role** as Asset Condition Reviewer (AC Reviewer)
- Development of a framework to establish this role is a novel undertaking in the industry that will require time, resources and stakeholder engagement
  - The ISO has **prioritized** this as a key project for 2026
- The new role is envisioned to provide an **independent review and opinion** of asset condition projects submitted for review by the Transmission Owners (TOs)
  - Asset condition projects are upgrades to the power grid that replace deteriorating transmission facilities
- ISO expects to finalize the framework for the role by **January 2027**

Asset Condition Reviewer Update

Efforts are underway to develop a framework for a permanent role & begin interim reviews

- ISO-NE provided an update on the AC Reviewer key project, at the October Planning Advisory Committee (PAC) meeting and requested feedback
- In response to requests to begin asset condition project reviews as soon as possible, the ISO will be conducting **interim reviews** on selected projects through 2026
  - ISO will utilize consultants to provide the necessary expertise to perform the interim reviews
- The PAC presentation included a proposed **draft list of asset condition projects** for the interim reviews
- Discussions to develop a framework for the permanent AC Reviewer role will begin in **Q1 2026**, including updates provided at PAC
  - ISO requested feedback to better understand stakeholder objectives for the AC Reviewer role
  - A summary of stakeholder feedback will be provided in early 2026

Learn more about the AC Reviewer key project on the ISO Newswire

Learn more about the **Asset Condition Reviewer Key Project**

ISO-NE Statements on Generation Projects

- The Department of the Interior's Bureau of Ocean Energy Management (BOEM) issued a **stop work order** for Revolution Wind on August 22, 2025.
  - The ISO issued a statement on the Newswire, saying in part: "Delaying the project will increase risks to reliability"

- The Department of the Interior announced a **pause** in offshore wind leases on December 22, 2025, including two projects in New England: Revolution Wind and Vineyard Wind 1.
  - The ISO issued a statement on the Newswire, reiterating that "Both projects are included in our near-term and future modeling and analyses to ensure adequate electricity for New England" and "…delays of new generating resources also will adversely affect New England's economy and industrial growth, including potential future data centers."

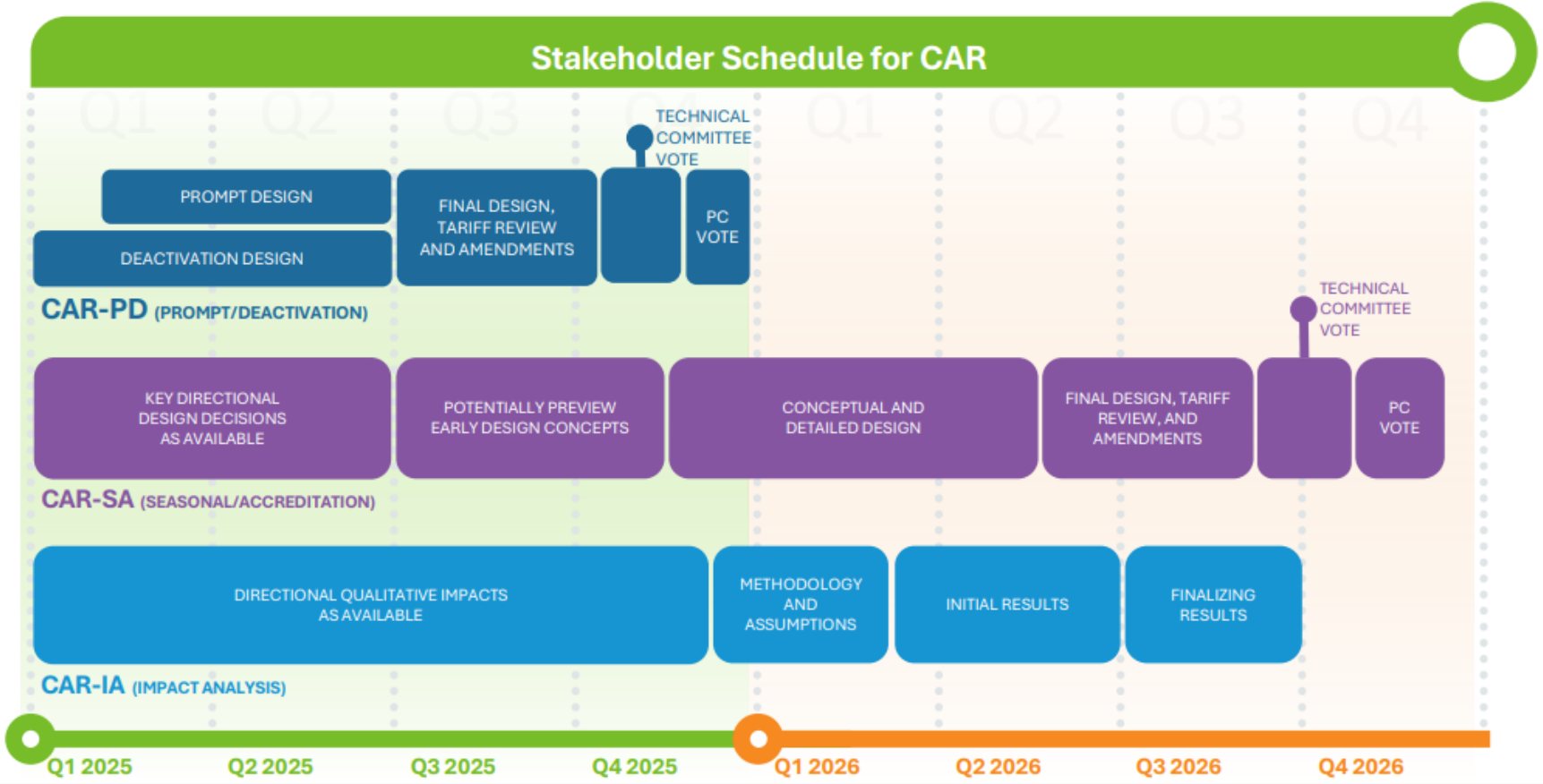
Read the full statement on the ISO Newswire

MARKETS UPDATE

Next Steps for the Capacity Market

- To address system reliability and cost-effectiveness as electricity demand and the resource mix change, the **Capacity Auction Reform (CAR) Key Project**:
  - Transitions the capacity market from a three-year forward auction to a **prompt auction** that runs shortly before the capacity commitment period (CCP)
  - Restructures the CCP from **annual to seasonal** commitment periods
  - Reshapes capacity market accreditation to more accurately reflect **resource adequacy contributions** from an evolving resource mix, from season to season

Learn more about the CAR Key Project



Oct. 2025 CAR Project Schedule


ISO New England regularly engages with public officials and the public to share information and discuss changes to the power system

An Ongoing Dialogue:
ISO's External Affairs Team

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New England

Carrick Heilferty
Policy Advisor
Federal Affairs

Ruben Flores-Marzan
Policy Advisor
Environmental & Community Affairs

Kerry Schlichting
Supervisor, State Policy
Connecticut and Rhode Island

Sarah Adams
Senior State Policy Advisor
Vermont

Melissa Winne
Senior State Policy Advisor
Maine

Marissa Ribeiro Dahan
State Policy Advisor
Massachusetts

Brendan Flaherty
State Policy Advisor
New Hampshire

Contact information: https://www.iso-ne.com/about/contact/government-industry-affairs

Opportunities to Engage and Learn More

Public Webinars

- ISO External Affairs periodically hosts informational **webinars** that are free and open to the public on topics such as recent ISO studies, including:
  - Pathways Study
  - Future Grid Reliability Study
  - Overview of System Planning
  - FERC Order 2023
  - 2050 Transmission Study
  - Economic Planning for the Clean Energy Transition
  - Annual Electric Generator Air Emissions Report

2026 Consumer Liaison Group (CLG) Meetings

March 25th, 2026

June 2nd, 2026

September 24th, 2026

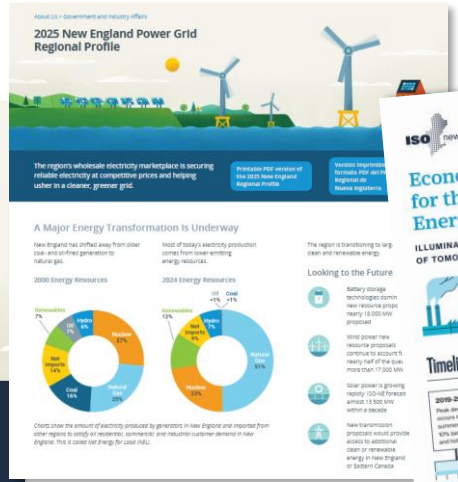
December 2nd, 2026

ISO Publications

Accessible webpages & fact sheets on key initiatives

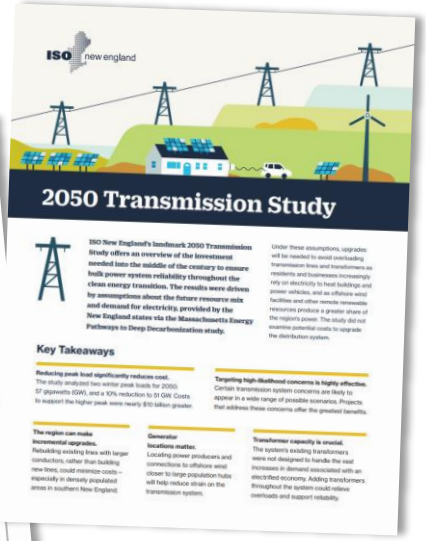
Future Grid Reliability Study Summary

2024 Regional Electricity Outlook



New England Power Grid State Profiles

2024 EPCET Report Factsheet



2050 Transmission Study Factsheet

For More Information

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Log on to ISO Express

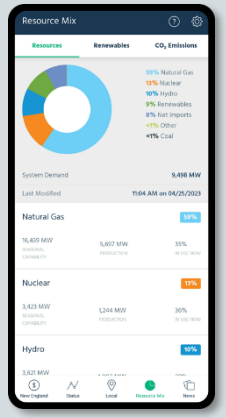
ISO Express provides real-time data on New England's wholesale electricity markets and power system operations

Follow the ISO on Social Media

www.iso-ne.com/social

Download the ISO to Go App

ISO to Go is a free mobile application that puts real-time wholesale electricity pricing and power grid information in the palm of your hand



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Questions

About the Presenters

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Who is ISO New England?

Link to watch “We Are ISO New England”