

External Affairs & Corporate Communications Outreach and Engagement

Kevin Lanahan

VP External Affairs & Corporate Communications

Management Committee Meeting

February 23, 2022

Overview

- **Legislative outreach**
- **Media engagement and corporate communications**
- **Recent updates and developments**

Legislative Outreach

“Pollution Justice Act” S.4378-A / A.6251

- Requires “peaker plants” to be replaced by renewable or storage resources within five years of a Title V renewal, or to retire by the end of 2025.

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S.4378-A / A.6251 Pollution Justice Act of 2021 Potential Impacts on Electric System Reliability

Recent events in Texas and California demonstrate the need for careful planning as the state transitions to a decarbonized electric system, dependent on intermittent resources. The NYISO’s preliminary review of S.4378-A / A.6251 reveals the likelihood of significant risks to the reliable operation of the electric system, including the need for forced disconnections of retail electric customers.

Additional analysis of the bill is critical and warranted to identify all reliability risks to the electric service, which is essential for public health and safety. The NYISO will continue to examine the bill for specific system impacts.

S.4378-A / A.6251 would likely require the retirement of a significant number of power plants that are critical to support reliability under a compressed timeframe. Important work is underway to responsibly transition the electric system under the mandates of the Climate Leadership and Community Protection Act (CLCPA) of 2019. The NYISO is actively engaged in working to reach the statutory targets of the CLCPA.

The number of power plants that would be classified under the bill as a “replaceable peaker plant” is expansive as compared to a New York State Department of Environmental Conservation’s (DEC) recently adopted final rule reducing the allowable level of nitrogen oxide (NOx) from peaker plants.

Like S.4378-A / A.6251, the DEC rule, adopted in 2020, imposes new, stringent requirements on peaking power plants, but creates critical exemptions for “black start” resources, which the proposed legislation does not. A “black start” resource is essential for system restoration during large scale system outages. Further, the DEC rule also provides for important compliance options that can support reliability of the system during the transition to dependence on large amounts of renewable resources. After significant input, analysis and public comment, the DEC rule responsibly speeds the state’s transition of peaker plants to energy storage resources while accounting for reliability needs of the system.

As drafted, the NYISO estimates that S.4378-A / A.6251 could impact nearly 5,000 MW to as much as 10,000 MW of needed generating capacity. This equates to 12% to 21% of the current generating fleet in New York. For perspective, this reflects the amount of generating capacity

Clean Futures Act

S.5939-A

- Prohibits the development of any new major electric generating facilities that would be powered in whole or in part by any fossil fuel
- Exceptions for the “existence” of a reliability need.
- Reliability need defined as a violation of a NERC standard.
- NYISO and the local TO would be required to attest in writing to the need.

CRP Briefings

- NYS Senator, Kevin Parker, Chair of the Energy Committee
- NYS Senate Counsel
- Assem. Mike Cusick, Chair of the Energy Committee
- PSC, NYSERDA, DEC
- Governor's office of Energy & Environment
- Office of Sen. Charles Schumer
- Real Estate Board of New York
- New York League of Conservation Voters Board

2021-2030 Comprehensive Reliability Plan: NYISO Study Examines Power Grid Reliability Risks

Kevin Lanahan, VP, External Affairs & Corporate Communications
Ray Stalter, Director, Regulatory Affairs

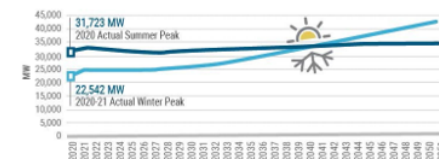
[Real Estate Board of New York Meeting](#)

January 14, 2022

Tipping Points: New York City Transmission Security Margin



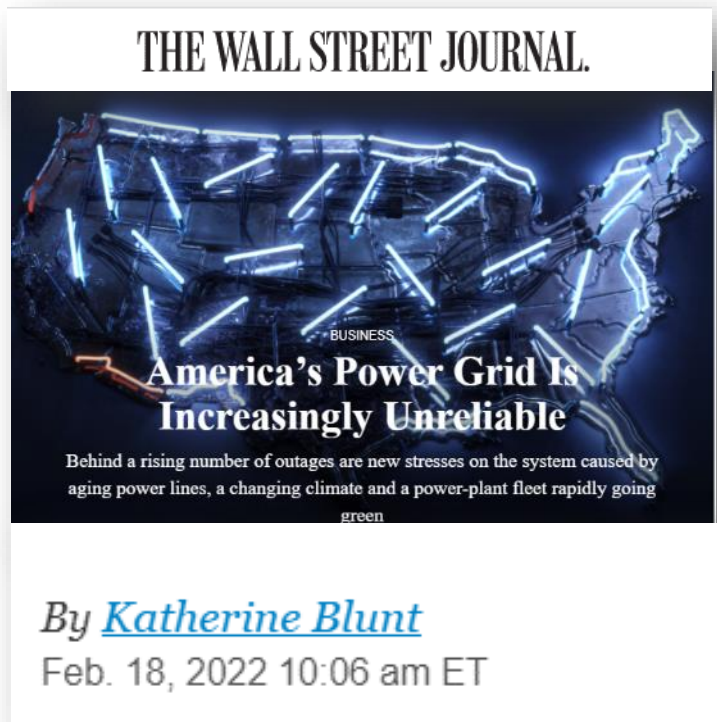
Grid of the Future: Load



- Climate change and electrification will result in a significant increase in summer load
- CLCPA electrification will cause the NYCA to go from summer peaking to winter peaking
- The winter peak load under the CLCPA will be double compared to the reference case

Media Engagement

CRP Recent Coverage



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The pace of change, hastened by market forces and long-term efforts to reduce carbon emissions, has raised concerns that power plants will retire more quickly than they can be replaced, creating new strain on the grid at a time when other factors are converging to weaken it.

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CRP Press Attention



Can New York Really Get to 100% Clean Energy by 2040?

Clean power supply is being generated in upstate New York, but it is not making its way to New York City, the area that relies most heavily on power from fossil fuels.



Gov. Kathy Hochul has announced two massive transmission-line projects that environmental advocates hope is a sign that she is accelerating the state's efforts to address climate change. Stephanie Keith for The New York Times

By Anne Barnard and Grace Ashford
Nov. 29, 2021

Two years ago New York committed to the nation's most ambitious climate goals to shift away from the fossil fuels heating the planet and create a new, electrified economy that stops adding to climate change by 2050. State agencies and private companies went to work building hundreds of wind and solar farms to power businesses, vehicles and homes.

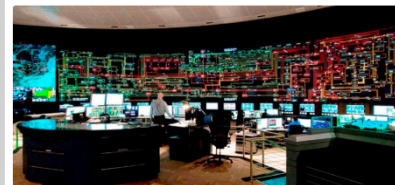
But there is a problem.

DIVE BRIEF

Texas blackouts prompt New York ISO to consider 'once in a century' winter events

Published Nov. 30, 2021

Robert Walton
Reporter



Nov. 29, 2021

Dive Brief:

- New York will likely have sufficient electricity supplies to meet peak demand this winter, the state's grid operator said on Tuesday, though generators may be challenged by high gas prices, and plants with dual-fuel capabilities are beginning the season with less oil on hand than is typical.
- The New York Independent System Operator (NYISO) anticipates peak demand this winter will reach 24,025 MW, about 6.6% higher than last winter. Extreme weather could push peak demand to 26,230 MW, but officials say they expect to have more than 42,000 MW of power resources available.
- In all but the most extreme scenarios, New York expects to have ample capacity reserves for the coldest months. But following blackouts in Texas and the Southwest last winter, the Northeast grid operator now includes "once in a century" scenarios in its risk assessments and

OpEd | Crains New York

- 3rd party advocacy
- Heather Briccetti,
President & CEO,
Business Council of New
York State



// In short, the NYISO has issued a clear wakeup call: If we do not learn from the mistakes of others, we may be doomed to repeat them.

We cannot overhaul a century-old system overnight. If we rush the process, we risk negatively impacting both our economic goals and the vulnerable communities that are disproportionately affected when the power goes out. //

Other updates

NYISO Hosts U.S. Energy Sec. Granholm & Congressman Tonko

- **Tour of NYISO control center, Cyber Security Ops Center**
 - Named in Granholm OpEd in City & State
 - Mentioned by Tonko in Port of Albany press conference



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As U.S. Sen. Gillibrand, Rep. Paul Tonko and I saw firsthand, students at Hudson Valley Community College are training for jobs in offshore wind, electric vehicle manufacturing, and solar—jobs with family-sustaining wages and the opportunity to join a union.

And the New York Independent System Operator (NYISO) has a plan for building out wind and solar energy across the state that could save consumers nearly half a billion dollars a year.

This is only the beginning.

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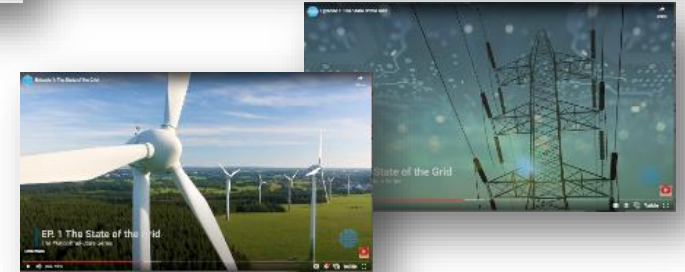


NYISO Launches New Video Series Exploring #GridOfTheFuture Opportunities, Challenges

Feb. 15, 2022 | Rensselaer, NY – The New York ISO today released its first in a multi-part video series that explores the challenges and opportunities of a reliable, clean energy #GridoftheFuture.



- Episode 1: The State of the Grid
- Episode 2: How Reliability Happens (debuting soon)



PR Daily Award: Best Podcast

- Leveraged popularity of podcasts to capture listeners; increase mindshare
 - 3,700 listeners via website & YouTube.
 - 2,000+ downloads through Apple, Google and Spotify.
- Award honorable mentions
 - Branded Blog
 - Journalism/Newsroom
 - Internal Communications



Power Trends
New York ISO



Rich Dewey
President & CEO



Emilie Nelson
Executive VP



Zach Smith
VP of System & Resource Planning



Wes Yeomans
VP of Operations



New York ISO

Questions?