New York ISO
Independent System Operator

External Affairs & Corporate Communications

Summary of Q2 Legislative Outreach and Content Development

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Management Committee

June 30, 2022

Web, Digital and Media Campaign Content

New York ISO

Video Campaign

New York ISO

Web & Digital

New York ISO

Recently Published Blogs

- Grid Reliability Needs and How to Resolve Them, April 13, 2022
- Quarterly Grid Reliability Reports Address Rapid Rate of Change, May 25, 2022
- Offshore Wind, Clean Energy Targets, and Our Role Preparing the Grid for New Resources, May 27, 2021
- How the Installed Reserve Margin Supports Reliability in New York, March 30, 2022

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Blog Themes

How We Keep the Grid Reliable in New York

February 24, 2021

The power outages that occurred recently in Texas and California this past summer have raised questions of whether similar events could occur here in New York. It's worthwhile to examine how the NYISO's markets are different than the markets in those two states and to learn more about our unique approach to maintaining grid reliability.

The work we do as the New York Independent System Operator is distinct from the role the Texas and California grid operators play. Primary among those differences are the NYISO's capacity markets and planning functions. Let's explore some of those differences in detail:

1. New York has an Installed Capacity Market

A main part of the NYISO's mission is to manage the operation of the grid in New York and administer the wholesale

How a Natural Gas Moratorium Could Cause Bumps in the Road to an Emissions-Free Grid

June 2, 2021

Now that New York State has set 2040 as the year to establis electric grid, industry and government are working together to achieve this monumental goal.

The Climate Action Council (CAC), made up of state agency representatives, energy industr and academics, is leading the way. The CAC, and its working groups and advisory panels, b compile specific recommendations for a scoping plan, a roadmap of sorts, on how the stat

The NYISO was pleased to be named to the CAC's Power Generation Advisory Panel, which recommending how to achieve a clean, reliable, affordable, and equitable electric system. F Advisory Panel and other groups presented those recommendations to the CAC.

One proposal by the Power Generation Advisory Panel is a moratorium on the siting of any state, including the repowering of old natural gas plants into newer, cleaner generators.

Proponents of the proposal say the state needs to take aggressive and immediate action to However, the NYISO has cautioned that such a temporary ban could have a detrimental impact on reliability in New York, and could actually lead to higher emissions throughout the transition to zero emissions. As the CAC work to develop an integrated plan continues, the NYISO recommends a more effective means to reach these targets, which are outlined below.

Maintaining Grid Reliability

Reliability of the system is core to our mission and always will be. As we've observed with recent events in California and

The New York ISO's Approach to Grid Reliability

February 25, 2021

Reliability has been and will continue to be job one for the NYISO.

We operate under the strictest reliability standards in the country with oversight and collaboration from FERC, NERC, NPCC, the NYS Reliability Council and the NYSPSC.

The NYISO is an independent organization. This independence provides the strong foundation from which we make decisions. Any recommendation is always based solely on facts, data, information and in-depth analysis, free of influence from outside financial interests or politics.

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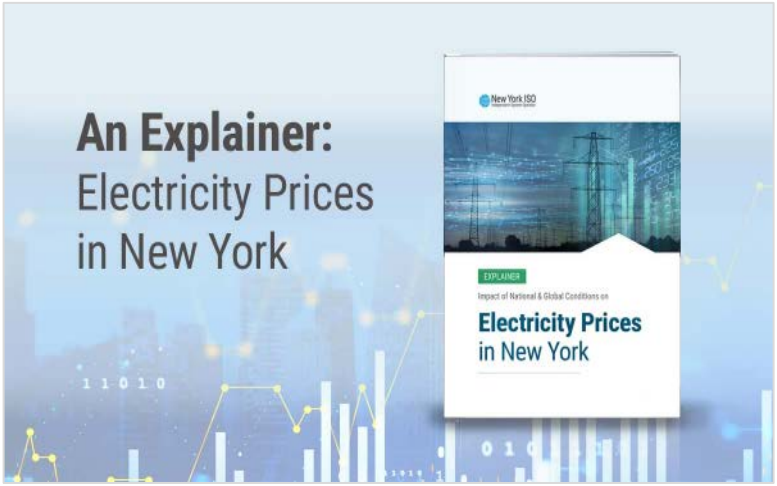
Electricity Prices in New York

- A white paper by the NYISO
- Explores various factors and cost drivers behind recent increases
- Explains how wholesale electric markets benefit consumers by searching for the lowest cost solutions
- Summarizes material from The White House, the Energy Information Administration, the PSC, U.S. Department of Labor, and Power Trends



New York ISO

Media Outreach

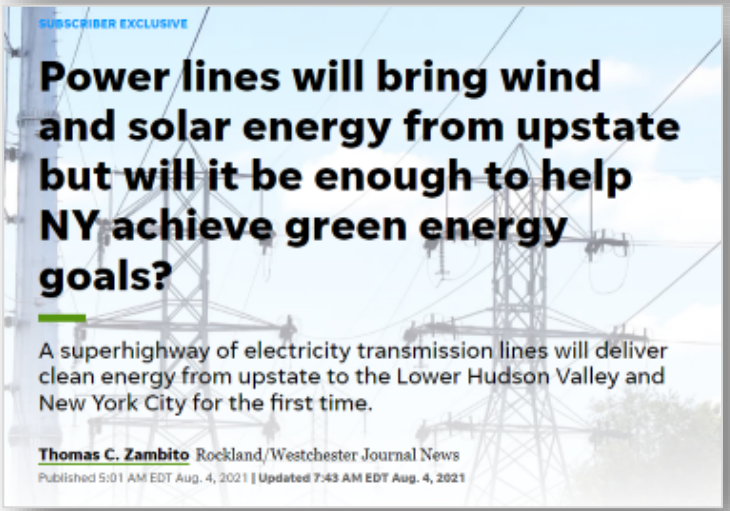
BUSINESS

Climate battle will transform how we live and work in Capital Region

Larry Rulison
March 13, 2022

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.



SUBSCRIBER EXCLUSIVE

Power lines will bring wind and solar energy from upstate but will it be enough to help NY achieve green energy goals?

A superhighway of electricity transmission lines will deliver clean energy from upstate to the Lower Hudson Valley and New York City for the first time.

Thomas C. Zambito Rockland/Westchester Journal News
Published 5:01 AM EDT Aug. 4, 2021 | Updated 7:43 AM EDT Aug. 4, 2021

The Washington Post
Democracy Dies in Darkness

THE ROAD TO ELECTRIC VEHICLES

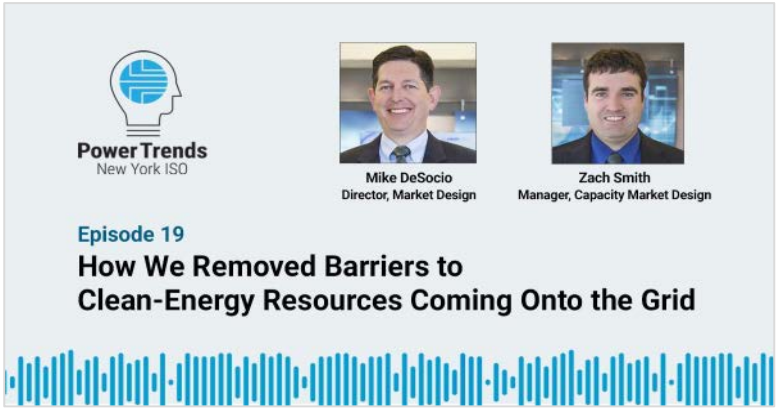
Plug-in cars are the future. The grid isn't ready.

By 2035, the chief automakers will have turned away from the internal combustion engine. It'll be up to the grid to fuel all those new cars, trucks and buses.

By Will Englund
October 13, 2021 | Updated October 16, 2021 at 4:06 p.m. EDT

New York ISO

Podcasts



Podcast Ep. 14: NYISO VP Zach Smith on Emission-Free Grid Planning, Climate Change & the Interconnection Queue

It's Zach Smith's job to prepare the New York energy grid for the future. Our Vice President of System and…

PODCAST Ep. 12: Emilie Nelson Advises the CAC that a System of Markets, Physics and People Will Produce a Reliable Zero-Emissions Grid

Emilie Nelson, NYISO's Executive Vice President, has more than two decades of experience in the energy…

New York ISO

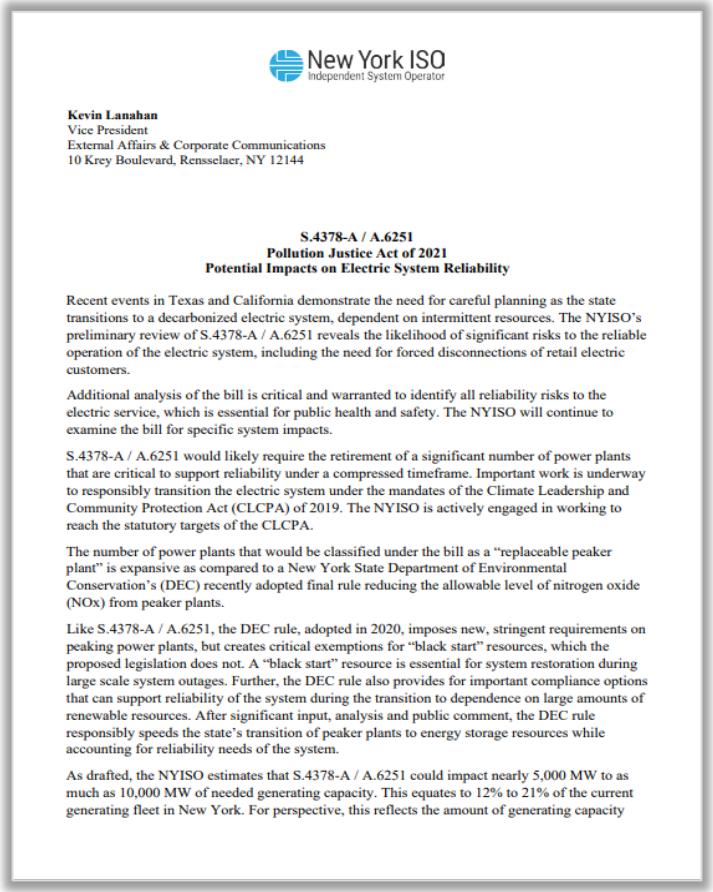
Legislative Engagement

New York ISO

Legislative Engagement

NYISO Issues Memo on Pollution Justice Act of 2021

"Recent events in TX and CA 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."



New York ISO
Independent System Operator

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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

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Legislative Engagement (Cont.)

- Clean Futures Act amendments

(1) the existence of a reliability need. For the purposes of this subdivision, a "reliability need" means an electricity system need, which if unmet would result in a violation of a North American Electric Reliability Corporation mandatory standard, Northeast Power Coordinating Council Criteria, or New York State Reliability Council Rules;

(2) the unavailability of either local or bulk transmission system upgrades, energy storage, zero carbon electric generation, demand response, and/or energy efficiency that would address such reliability need within an appropriate timeframe

Legislative Engagement (Cont.)

- Senate Counsel's office
- Assembly Program & Counsel staff
- State Senate Chair of Environmental Conservation Committee
- State Senate Chair of Energy Committee
- Assembly Chair of Energy Committee
- Senator Schumer's staff

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Progress and Success

New York ISO

Qualitative & Quantitative Engagement Metrics

- **NYISO requests for legislative and other key briefings have increased substantially**
- **The data:**
  - 26,000 views of our blog and press pages
  - 11,000 Twitter followers reached
  - 10,000 new visitors to press and blog pages (out of 26,000 total)
  - 7,800 video views
  - 4,900 views of our Power Trends report page
  - 3,500 views of our new “2040 Grid” landing page

New York ISO

Thought Leadership Campaign Award

- Our thought leadership program, delivered through our blog, videos and podcasts, illustrates the NYISO's expertise and independence as the authoritative source.

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