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Happy New Year everyone, and welcome to 2020!

December and early January have been very mild weather-wise with no cold spells at all. Let's see how long this reprieve will last. I know parts of the state have received recent snow, but in Syracuse we have nothing on the ground.

MEUA Linemen Training Programs

So far, there are 8 students signed up for the Year 1 Apprentice Program that begins in April. I know it is a bit early yet, but if your municipality is planning on registering someone, please do so before February 29th to ensure that there is enough time for books and supplies orders to come in.

The Safety & Training classes are in full swing and running smoothly. If you haven't already done so, please remember to register your students with Narin at the MEUA office.

The Meter School 101 training program that was introduced to the membership in 2019 will be followed by Meter School 102 scheduled to take place in March 2020. Space will be limited to 30 students and estimated costs will be between \$300-400 per student. This covers lunch on all 3 days of training. A final date for this class has not been set at this time. Please contact Ryan Trinkl, Fairport, at 585-421-3131 if you are interested in participating in this program—As soon as possible. Enclosed is a copy of the preliminary agenda.

The Governor has vetoed a bill that would have amended the public service law in relation to creating the state office of the utility consumer advocate. The Bill #259 would have amended the Public Service Law to establish a state office of utility consumer advocate to represent the interests of residential utility customers. In his veto, the Governor cited redundancy, as the Public Service Commission has the responsibility of addressing customer concerns.

FERC Update

FERC has announced a new policy on how it will determine the cost of equity in rate cases. In recent years, Return on Equity (ROE) calculations revolved around Discounted Cash Flow (DCF), Capital Asset Pricing Model (CAPM), Expected Earnings (EE) and Risk Premium (RP) methods.

The new policy will rely on equal weighting of the DCF & CAPM—the average of the two results will achieve a range of reasonableness. Taking this approach, the FERC Commission reduced the Midcontinent Independent System Operator (MISO) allowed ROE from 12-38% to 9.88%.

The recent transmission rate settlements set in New York for NY Transco, NextEra and NYPA has ROE levels that are similar to the MISO results.

NYSERDA has completed their annual REC filing with the Public Service Commission. The Tier 1 REC price and Alternate Compliance Payments (ACP) are down slightly from \$22.43 MWh REC and \$24.67 MWh ACP to \$22.09 MWh REC and \$24.30 MWh for ACP.

MEUA Events Schedule

The 2020 MEUA schedule of events has been sent to its members. As a reminder, conflicts arise and scheduled dates can change from time to time. We will try and keep you updated of any changes that may have been made—The schedule of events is listed on the back cover of this newsletter, and is posted on the MEUA website and will be updated on the website as changes occur. Any questions, please contact the MEUA office.

American Public Power Association Chooses Joy Ditto as Next CEO

Washington, D.C., October 15, 2019 – The American Public Power Association (Association) Board of Directors has appointed Joy Ditto as the organization's new President and CEO effective January 13. Ditto will succeed Sue Kelly, who is retiring in December 2019 after a five-year term as the Association President and CEO.

“The board chose Joy Ditto to continue the legacy of outstanding leadership at the American Public Power Association because she recognizes the value of public power, understands the energy industry, and is poised to make us a stronger voice than ever in Washington DC,”

said Decosta Jenkins, chair of the Association's board of directors and president and CEO of Nashville Electric Service, Tennessee.

Ditto is the president and CEO of the Utilities Technology Council (UTC), a Washington, D.C.-based trade association that creates a favorable business, regulatory and technological environment for electric, gas, and water utilities of all ownership types, including a number of American Public Power Association members, that own, manage or provide critical utility telecommunications systems. She increased awareness of how critical utility communications networks are to grid reliability, resilience, safety, and national security.

Before joining UTC, Ditto worked in advocacy for the American Public Power Association for 15 years and was the senior vice president for legislative and political affairs, 2014-2016. She led the Association's advocacy efforts on a range of issues such as cybersecurity, environmental legislation, and distributed energy resources. She played a critical role in advocating for public power in the leadup to the Energy Policy Act of 2005. In 2015, she was a key contributor to the Association's three-year strategic plan.

"It is a tremendous privilege to be chosen to lead the American Public Power Association, which has advocated for the nation's 2,000 public power utilities and the 49 million people they serve for 79 years now," said Ditto. "I look forward to building on the work of my predecessors and working with the board, staff, and members to lead us into a new electricity future," she added.

Prior to her time with the Association, Ditto spent seven years on Capitol Hill, as legislative assistant to two Representatives from Pennsylvania, Joe McDade (R), and Don Sherwood (R), and a Senator from Nebraska, Chuck Hagel (R). She also was a staff assistant to Senator John McCain (R-AZ).



Chris Wentlent:
2019 December
NYISO Report

Happy New Year to all our municipal systems. I hope 2020 is filled with health and happiness for you and your

communities. The following is the NYISO/PSC Report for January 2020:

NYISO Releases Long Term Draft Climate Change and Resilience Phase 1 Study Results – On December 17, 2019, Itron which was contracted by the New York System Independent Operator (NYISO) released Phase 1 of its Climate Change and Resilience Study. The study attempts to forecast out to the 2050 time period.

- Develop long-term energy, peak, and 8,760 hourly load forecasts that reflect the potential impact of climate change
- Evaluate temperature trends and state climate impact studies
- Construct scenarios that reflect state policy goals with climate change impacts

Factors in the future which could mitigate climate change impacts include energy efficiency improvements, fuel efficiency standards, and behind the meter distributed resources such as solar, energy storage, and demand response. Factors that could lead to increased load growth overtime include electric vehicle penetration, and conversion of heating/cooling systems from fossil fuel to newer heat pump technologies.

Initial summary findings include:

- Analysis of weather trends across the state show a statistically significant increase in average temperatures of .5 to 1.1 degree per decade.
- The New York State average is .7 degrees per decade.
- Temperatures on the coldest days are increasing faster than temperatures on the hottest days. This trend could continue in the future.
- State policy to address greenhouse gas emissions in the transportation, building and heating sectors will have more impact on loads than the impact due to temperature trends. In fact, winter peak load demands could increase almost twofold from approximately 25,000 MW Winter Peak to over 70,000 MW Winter Peak with significantly higher penetration of electric vehicles and heat pump expansion replacing fossil heating systems.

The last finding is important to our systems as our winter peak demand could increase over the next 2-3 decades. The increase in demand will need to be

carefully managed by our New York Municipal Power Agency (NYMPA) that oversees the supplemental energy, and capacity procurement for our network of municipal systems. In addition, it highlights the importance of coordinating possible projects with MEUA/NYMPA/IEEP due to the overlap in technical and commercial planning that emerging technologies will place on our entire network and individual municipal electric system.

The complete presentation can be viewed at:

<https://www.nyiso.com/documents/20142/9802057/NYISO%20Climate%20Impact%20Study%20Dec%2017%20posting.pdf/28c0031c-5b86-dfd4-69dd-c80c57d354dd>

Transportation Climate Initiative (TCI) jointly releases a draft transportation CO2 Cap and Trade Program – On December 17, 2019, a bipartisan group of Northeast and Mid-Atlantic jurisdictions that make up the Transportation and Climate Initiative (TCI) invited public input on a new draft proposal for a regional program to establish a cap on global warming pollution from transportation fuels and invest millions annually to achieve additional benefits through reduced emissions, cleaner transportation, healthier communities, and more resilient infrastructure.

The **draft “Memorandum of Understanding” (Draft MOU)** released builds on **a program framework made public on October 1, 2019**. A final MOU is expected in the Spring of 2020, following additional public input and analysis. At that time each of the 12 TCI states and the District of Columbia will decide whether to sign the final MOU and participate in the regional program, which could be operational by 2022.

TCI jurisdictions are also sharing **initial projections of the potential economic and public health benefits** such a program would unlock region-wide. The TCI jurisdictions have conducted economic modeling to evaluate various options for a program that caps and reduces global-warming carbon dioxide pollution from combustion of gasoline and on-road diesel fuel by up to 25 percent compared to 2022 levels over 10 years.

The transportation sector is currently responsible for more than 40 percent of climate-changing greenhouse gas emissions in the region, and soot and smog from cars and trucks are major contributors to lung disease and other health problems region-wide, particularly in low income communities. Preliminary modeling estimates that by 2032, the proposed program could yield monetized annual public health benefits of as much as \$10 billion, including over 1,000 fewer premature

deaths, and over 1,300 fewer asthma symptoms annually region-wide, among other safety and health benefits.

The associated auction of pollution allowances under the proposal is projected to generate up to nearly \$7 billion annually that participating jurisdictions could invest in solutions to further reduce pollution and to improve transportation choices for rural, urban and suburban communities. Each participating jurisdiction will decide how to invest the auction proceeds to support TCI program goals.

Feedback is welcomed on all aspects of a potential program, and TCI jurisdictions are highlighting specific topics on which public input is of interest. Those topics include:

- What factors should TCI jurisdictions consider when setting the starting level and the trajectory for a regional cap on carbon dioxide emissions from transportation fuels?
- How should the compliance period be structured to provide needed flexibility, while ensuring environmental integrity?
- What factors should TCI jurisdictions consider when designing mechanisms for managing uncertainty regarding future emissions and allowance prices?

MEUA/NYMPA is in the process of scheduling an in-person meeting with our New York State Department of Environmental Conservation (NYSDEC) personnel involved in this program, and we will consider potential comments by the February 28, 2020 comment deadline date based on the outcome of that discussion.

The December 17th webinar and slide deck links are listed below:

Webinar:

<https://www.youtube.com/watch?v=EUmxoMrzSI0&feature=youtu.be>

PDF Slides:

https://www.transportationandclimate.org/sites/default/files/TCI%20Public%20Webinar%20Slides_20191217.pdf

New York State Department of Environmental Conservation (NYSDEC) officially adopts NOx Peaker Rule – The Department has adopted 6 NYCRR Subpart 227-3, "Ozone Season Oxides of Nitrogen (NO_x) Emission Limits for Simple Cycle and Regenerative Combustion Turbines." The primary goal of this regulation is to lower allowable NO_x emissions from simple cycle and regenerative combustion turbines during the ozone season. The provisions of this Subpart

apply to owners or operators of simple cycle and regenerative combustion turbines (SCCTs) that are electric generating units with a nameplate capacity of 15 megawatts (MW) or greater and that inject power into the transmission or distribution systems. The lower emissions from these sources will help to address Clean Air Act (CAA) requirements, ozone nonattainment and protect the health of New York State residents. The provisions only apply during ozone season (May 1 – September 30) and do not apply to generating facilities that provide “black start” capability to protect the New York State Transmission System.

Simple cycle and regenerative combustion turbines (SCCTs) sometimes referred to as peaking units, run to meet electric load during periods of peak electricity demand. They typically run on hot summer days when there is a higher demand for air conditioning and when there is a strong likelihood of high ozone readings. Many peaking units in New York have very high NOx emission rates, are inefficient and are approaching 50 years of age. It is difficult to install after-market controls on most of these units because of their age and site limitations.

Each facility containing an SCCT subject to this Subpart must submit a compliance plan to the NYSDEC by March 2, 2020. The compliance plan must outline their expected path to compliance by May 1, 2023. Compliance plans could include complete shutdown during ozone season, addition of pollution control technology, averaging site emissions levels with renewable resources and energy storage technology or complete facility shutdown.

Facilities needed to maintain bulk power system or local transmission/distribution owner reliability can receive a temporary two-year relief on compliance requirements subject to review of the stated reliability risk. The enacted regulation is expected to impact thousands of megawatts of these types of facilities predominately in the lower Hudson Valley, New York City and Long Island areas.

The regulation becomes effective on January 20, 2020. Complete information is available at:

<https://www.dec.ny.gov/regulations/116131.html>

NYISO 2020-2024 Strategic Plan Summary – On December 18, Emilie Nelson, Executive Vice President, NYISO presented the NYISO 2020-2024 Strategic Plan. The plan is an outcome of almost an eight (8) month process that begins with the NYISO Gold Book and Power Trends releases, and includes full sector

discussions, and inter-sector discussions at the NYISO Joint Board/Management Committee Meeting.

Major concerns/thoughts relayed by MEUA/NYMPA and other public power/environmental, and end use sectors included diverse concerns about carbon pricing, need for more transmission to achieve public policy, cost containment and need for consumer price impact analysis, and need for speed and transparency in the planning and interconnection processes.

The NYISO employs six Strategic Initiatives to address the evolving nature of New York’s electricity grid as large scale renewable and distributed energy resources place new demands on electricity markets and grid operations. The strategic initiatives include:

- **Grid Reliability and Resilience**
 - Operational Enhancements, Planning Enhancements, and Strategic Studies
- **Efficient Markets for a Grid in Transition**
 - Price Formation, Grid Flexibility Products, Ancillary Market Enhancements, Capacity Market Enhancements, and Renewable Resource Integration
- **New Resource Integration**
 - Distributed Energy Resource Integration, Storage Integration and Introduction of New Technologies
- **Integration of Public Policy**
 - Possibly Carbon Pricing, Evolution of Transmission System, Renewable Resource Integration, and Planning Enhancements
- **Technology and Infrastructure Investment**
 - Strategic Solution Investments, Transforming Capabilities through IT Strategy, and Technology Lifecycle Management
- **Efficient and Flexible Business Model**
 - Future Focused Business Model, Organizational Planning, and Enhanced Value Proposition.

The complete presentation is available at the following link:

<https://www.nyiso.com/documents/20142/9782770/04%20NYISO%2020202024%20Strategic%20Plan.pdf/6edfcaaa-ef5b-6b5c-9ab9-403d290d2196>

Employment Ads

Electric Department: Skaneateles

The **Village of Skaneateles** is seeking applicants for a leadership role in its municipal electric distribution system. The successful candidate will be experienced and proficient in the operations and administrative management of an electric distribution system, including substations, outside plant, metering and inventory.

Candidates should have strong mechanical and electrical aptitude and demonstrated experience in administrative and managerial positions. Preference will be given to candidates who reside in the Village of Skaneateles or who also hold current license in wastewater or water supply.

Please forward your resume and salary requirements to the Village of Skaneateles, 26 Fennell Street, Skaneateles, New York 13152 or email to clerk@villageofskaneateles.com

Senior Lineworker: Penn Yan

The **Village of Penn Yan** has an opening for one (1) Senior Lineworker. This is a competitive NYS Civil Service position that is full time, 40 hours per week and subject to Civil Service rules for eligibility.

The applicant will supervise the Line Crew as assigned and in the absence of the Line Crew Chief; must be able to perform skilled work in the construction and maintenance of electrical overhead and underground distribution systems, including the rebuilding and maintenance of electrical substations. The work requires climbing poles, working in all kinds of weather conditions and rigid observance of safety precautions to protect the lives of themselves and others.

Range of hourly rate is \$28.68 - \$33.28 depending on years of experience.

For an application, full job description, minimum qualifications and Civil Service rules for eligibility please visit:

<https://mycivilservice.yatescounty.org/jobopps>.

Candidate will be subject to drug and alcohol testing prior to employment.

Please submit your application along with work history, qualifications, training history and education, proof of Lineworker status, references and any other pertinent information to the Yates County Civil Service Office.

Lineworker: Penn Yan

The **Village of Penn Yan** has openings for two (2) experienced electric line workers. This is a competitive NYS Civil Service position that is full time, 40 hours per week and subject to Civil Service rules for eligibility. This job provides a competitive salary and the potential for a \$5,000 employment bonus.

The applicants must be able to perform skilled work in the construction and maintenance of electrical overhead and underground distribution systems, including the rebuilding and maintenance of electrical substations. The work requires climbing poles, working in all kinds of weather conditions and rigid observance of safety precautions to protect the lives of themselves and others.

For an application, full job description, minimum qualifications and Civil Service rules for eligibility please visit:

<https://mycivilservice.yatescounty.org/jobopps>.

Candidates will be subject to drug and alcohol testing prior to employment.

Please submit your application along with work history, qualifications, training history and education, proof of Lineworker status, references and any other pertinent information to the Yates County Civil Service Office.

Line Crew Chief: Penn Yan

The Village of Penn Yan has an opening for one (1) Line Crew Chief. This is a competitive NYS Civil Service position that is full time, 40 hours per week and subject to Civil Service rules for eligibility.

The applicant will supervise the Line Crew; manage the operational budget and maintain an adequate inventory for the Electric Department; must be able to perform skilled work in the construction and maintenance of

electrical overhead and underground distribution systems, including the rebuilding and maintenance of electrical substations. The work requires climbing poles, working in all kinds of weather conditions and rigid observance of safety precautions to protect the lives of themselves and others.

Range of hourly rate is \$31.04 - \$36.59 depending on years of experience.

For an application, full job description, minimum qualifications and Civil Service rules for eligibility please visit <https://mycivilservice.yatescounty.org/jobopps>.

Candidate will be subject to drug and alcohol testing prior to employment.

Please submit your application along with work history, qualifications, training history and education, proof of Lineworker status, references and any other pertinent information to the Yates County Civil Service Office by Friday, July 30, 2019.

Electric Superintendent: Marathon

The **Village of Marathon**, an equal opportunity employer, is accepting resumes for an Electric Department Superintendent. This position involves the management and supervision of the Electric Department; including daily operations and long-term planning. Work is done under the direction of the Mayor and Board of Trustees.

Responsibilities include:

- Construction, repair and maintenance of all overhead and underground lines
- Supervision and assistance in installation of service for residence or business customers
- Schedule work for department employees and other subordinates
- Maintain necessary records and reports
- Responsible for safety of line crews and rigid enforcement of safety standards and devices.

Minimum qualifications:

- High school graduate and journeyman lineman certification
- Minimum of four (4) years' experience as a lineman on high voltage electric power distribution

- CDL driver's license with air brake endorsement and able to pass any required DOT drug & alcohol mandates
- Willing to work irregular hours, including inclement weather.

Additional preferences:

- Municipal experience
- Management or supervisory experience

The successful candidate may, from time to time, be assigned to other duties consistent with the operation of municipal electric utility. Salary is commensurate with relevant experience. The Village of Marathon offers a competitive benefit package.

Resumes must be submitted to Village of Marathon, P.O. Box 519, Marathon, NY 13803 or may be dropped off at the Village Office, 18 Tannery Street, Marathon, NY

Lineworker: Rouses Point

The Village of Rouses Point is seeking a line worker for the Village's Electric Department. This is skilled and semi-skilled work involving responsibility for erecting, installing, maintaining, and repairing overhead and underground electric power distribution lines. The work requires climbing on poles in all kinds of weather and requires the rigid observance of safety precautions to prevent injury to self, helper, and/or bystanders. When not working on power lines an employee in this class may be required to assist in water and other public works activities. The work is performed under general supervision of a Line Supervisor or other superior with leeway allowed for independent judgment in carrying out the details of the work. Supervision may be exercised over trainees, helpers and laborers. The incumbent does related work as required.

Minimum qualifications: Graduation from high school or possession of a high school equivalency diploma and two (2) years of electrical experience working on a power distribution system.

Applications may be found on the Clinton County Government website: clintoncountygov.com or are available at the Village of Rouses Point Office at 139 Lake Street, Rouses Point, NY.

Application deadline is COB December 20, 2019. Applications may be mailed to: Village of Rouses Point, PO Box 185, Rouses Point, NY 12979 or dropped off at the Village of Rouses Point Office located at 139 Lake Street, Rouses Point, NY. For more information call

518-297-5502 ext 340 or email:
clerk@rousespointny.com.



Municipal Electric Utilities Association of New York State

6652 Hammersmith Drive, East Syracuse, New York, 13057

Phone: 315-453-7851 Fax: 315-453-7849

Email: info@meua.org Website: www.meua.org

MEUA Meter School 102: Agenda Introduction to Electrical Meter Testing and Programming

Day 1 – Tuesday March 3, 2020 (TESCO)

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|-------------------|--|
| 9:00am – 9:15am | Introductions, Curriculum and Agenda |
| 9:15am – 11:15am | Self Contained Metering Fundamentals |
| 11:15am – 12:00pm | Introduction to Meter Testing |
| 12:00pm – 1:00pm | Lunch |
| 1:00pm – 3:00pm | Hands-on Meter Testing Basics |
| 3:00pm – 4:00pm | Introduction to Transformer Rated Metering |

Day 2 – Wednesday March 4, 2020 (TESCO)

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|-------------------|--|
| 8:00am – 9:30am | Introduction to CT's and PT's |
| 9:30am – 10:45am | Test Switch Operations, Accessories & Hot Sockets |
| 10:45am – 12:00pm | Hands-on Transformer Rated Polyphase Meter Testing |
| 12:00pm – 1:00pm | Lunch |
| 1:00pm – 3:00pm | ANSI C12.1 and NY State PSC Part 92 |
| 3:00pm – 4:00pm | Field |
| Verification | |

Day 3 – Thursday March 5, 2020 (Itron)

| | |
|-------------------|--|
| 8:00am – 9:00am | Introductions & How to Log-in Using Optical Eye |
| 9:00am – 10:00am | Programming a Meter Using Program Editor |
| 10:00am – 11:00am | Diagnosing Problems by Using the Tool Box |
| 11:00am – 12:00pm | Creating a Meter Image File and What to Use Them For |
| 12:00pm – 1:00pm | Lunch |

Lunch on all three days is included with registration costs.