

Executive Director Report

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Happy New Year everyone. Hopefully your holiday season was a great one.



Last month the Engineering Workshop was held on December 11th & 12th at the Embassy Suites by Hilton Destiny USA location in Syracuse, New York.



Paul Henault, IFD Corporation, started the workshop with a presentation on *Transformer Internal Fault Detection*. Paul spoke on how simple internal transformer fault detection should be used for the safety of your linemen.

URD Cable Testing & Reinsulating was presented by Novinium Corporation's Matthew Wood. This presentation discussed cable injection versus cable replacement and the financial benefits that could be obtained.



Mike Hyland, American Public Power Association (APPA), spoke on *Cyber Security Resources* that Public Power can use moving forward.

Cyber Attacks are growing and rapidly changing challenges that utilities face, and must prepare to mitigate. As these attacks are constantly evolving, a utility's response plan must also adapt.

The MEUA Engineering Committee led a discussion on what members wanted to see in the future metering classes as training opportunities.

Several ideas were brought forward and discussed. The Engineering Committee will review all comments and bring back to the membership.



Michele Suddleson, APPA, presented on *Utility Innovation*—APPA's R&D activities. As Director of APPA's Demonstration of Energy & Efficient Developments (DEED), Michele explained her role in promoting member relations, promotions, administration of grants and scholarships, technology transfer along with new product development and production.



Bob Valvo, LVA Sales, then presented on Fault Current Indicators which included fault detection in OH & URD conductors and how to ensure the right fault detector is used.

The MEUA Corporate Vender & Services Exhibition took place following lunch.



The following vendors took part in the show:

- Altec Industries
- Bashlin Industries
- CB Associates
- Dowd Battery
- E.L. Flowers & Associates
- Electric Power Systems
- Graybar Electric
- HASGO Power
- Hendrix Wire & Cable
- IFD Corporation
- Irby Utilities
- Lineman's Supply Inc

- Milwaukee Power Tools
- MVA Diagnostics
- National Grid
- Northline Utilities
- Novinium Corporation
- RJ Lang Sales
- The Okonite Company
- Solvay Electric
- Skyworks LLC
- TESCO- An Eastern Specialty Group



After the exhibition, a hands-on demonstration for underground splicing and terminations was given by a few of the vendors— showing how the new equipment designed for this application worked.



The winner for the first day door prize was Tye Flurie of Westfield. Congratulations Tye.



The second day featured Mike Hyland and Brent McKinney, City Utilities- Springfield, MO.

Brent spoke on an insider view: changes/additions to the 2022 National Electric Safety Code (NESC). Change

proposals have already been submitted. The NESC committees voted on the change proposals in October, 2018. A comment period on the changes will be open from April-August 2019. Final Committee vote will be in September 2019 with the final IEEE ballot vote in December 2019. The first printing will be early in 2021.

The proposed changes address the 60-foot cycle, Solar rules, ARC Flash changes, Small Cell rules, English Meter rules, and Distributed Generation.

Mike Hyland went through the APPA's new e-safety tracker and explained its function and workings in benchmarking safety.

Mike also gave a look into the utility of the future and how many new concepts have taken place already.

The APPA's Mutual Aid Working Group was updated as it responded to Hurricane Florence, Michael, and Typhoon Yutu.

Owen McIntee then reviewed the Mutual Aid events the MEUA crews responded to in 2018. Mutual Aid procedures and paperwork were reviewed along with the FEMA costing structure for charges during a Mutual Aid event.

Thanks to the Engineering Committee once again for putting on another outstanding workshop. Also, Thanks to the vendors who took part in making this workshop a huge success!

If anyone has any questions or suggestions, please contact any committee member.

The MEUA Engineering Committee is as follows:

Matt Hegarty- Chair

Kimball Daby, Tim Joyce, Ken Kostowniak, Owen McIntee, Andy McMahan, and Marc Staves

Thanks to all that attended!

Mutual Aid Events – January 1st, 2019

New Year's Day morning, calls were received for Mutual Aid from RG&E/ NYSEG in the Hamburg, NY area and from National Grid in the Saratoga, NY region. Both events stemmed from high winds damage. Crews from MEUA systems that responded to the western NY location were from Arcade, Little Valley, Salamanca, Springville, and Westfield.

They worked from New Year's Day afternoon and were expected to be released by the end of the day on Friday, January 4th.

Crews from Lake Placid and Tupper Lake responded to the Saratoga location and were released on Wednesday morning.

Thanks to the worker's who responded and to those municipalities that were able to help out. Thank you to everyone involved.

Environmental Disclosure Labels

2017 Environmental Disclosure Labels have been finalized by the New York State Public Service Commission. Notification has been sent out to all MEUA member systems so you may notify your customers.

Please be sure to deliver to your customers by insert, special mailing or delivery of the EDP labels.

Simply posting notices is not sufficient, according to PSC rules.

Any questions, please contact the MEUA/NYMPA office at your convenience.

Governor Vetoes Utility Transparency Bill

Governor Cuomo vetoed the requirement for transparency statements on utility bills and more stringent quorum requirements for the Public Service Commission.

The bill transparency measure, which has been backed by electric generators, would reference utilities, LIPA & NYPA, to break down the

distribution costs including from taxes, renewable energy subsidies and other programs by the PSC for customers on the distribution side of the bill. The governor stated in his veto message that PSC subsidies for renewables impact the commodity costs, resulting in misinformation for customers.

2019 Apprentice Lineman Training

If you have someone that will be enrolling in the Year 1 Apprentice Lineman Training Program, please contact the MEUA office.

If a position has been allocated but not filled yet, just notify us as individual names are not needed at this time.

Classes will commence in April for Years 1-4 of the lineman training.

Thank You.



NYISO December 2018 Market Update-

Chris Wentlent,
NYISO Advisor

The NYISO Locational Based Market Prices (LBMPs) for November 2018 averaged \$43.15/MWh, vs \$30.60/MWh for November 2017. Natural Gas pricing is up 44.8% and distillate is up 9.8% year over year, respectively. Uplift continues to be a negative value at (\$.27)/MWh which is an indicator that the NYISO continues to operate their markets efficiently and per established tariffs. The average send out for the month was slightly higher (~2%) from last year. Average daily send out was 411 GWh vs 403 GWh in 2017

New York State Reliability Council (NYSRC) approves 17% Internal Reserve Margin (IRM) for the May 2019-April 2020 Capability Year. The NYSRC met on Friday, December 7 and voted to approve a 17% IRM for the next capability year period. The original reference case study recommended a 16.8% IRM, however, when factoring in additional sensitivities the NYSRC Board ultimately approved the 17% level.

The current capability year IRM is 18.2%; accordingly load serving entity capacity requirements will decrease. The reasons for the decrease included reduced load forecast and load shapes, better generating unit performance, improved LIPA Cable performance, and updated non-SCR/EDRP Emergency Operating Procedures.

AC Transmission NYISO Board Decision

NYISO staff submitted the draft AC Transmission Public Policy Transmission Planning Report (“Draft Report”) to the NYISO Board of Directors (“Board”) on June 19, 2018 for its review and action. The Draft Report summarized NYISO staff’s analysis and recommendations concerning proposed solutions to address the AC Transmission Public Policy Transmission Needs identified by the New York Public Service Commission (“PSC”), which include the need to increase Central East transfer capability by at least 350 MW (“Segment A”) and UPNY/SENY transfer capability by at least 900 MW (“Segment B”).

In the Draft Report, NYISO staff recommended that the Board select as the more efficient or cost-effective solution to address the AC Transmission Needs the Segment A Project T027 proposed jointly by North American Transmission (“NAT”) and New York Power Authority (“NYPA”) **and the Segment B Project T029 also proposed by NAT and NYPA.** The Board provided interested parties with the opportunity to submit comments and to make oral presentations for the Board’s consideration prior to its taking action on the Draft Report.

Based on this input and the Board’s independent review of the Draft Report, the Board directed NYISO staff to conduct certain additional studies and analyses. After careful consideration of the

initial Draft Report, comments provided by interested parties, and the additional analyses performed by NYISO staff, the Board concluded that the more efficient or cost-effective solution for Segment A is Project T027. ***The Board also concluded that the most efficient or cost-effective solution for Segment B is Project T019, which was jointly proposed by Niagara Mohawk Power Corporation d/b/a National Grid (“National Grid”) and the New York Transco, LLC (“Transco”).*** The Board has directed that the Draft Report be modified accordingly.

The Board’s conclusions are summarized below.

Conclusions

1. Board concluded that Project T019’s additional transfer capability drives superior performance across a number of important selection metrics.
2. Board asked NYISO staff to conduct further analysis evaluating whether particular Segment B projects, including T019, are likely to produce greater Installed Capacity cost savings relative to the other proposed projects. Project T019 has been shown to consistently produce the highest level of Installed Capacity cost savings among the proposed Segment B projects.
3. National Grid and Transco proposed a series compensation element as part of Project T019. The Board concluded that this benefit should be reflected in the Operability metric for T019.
4. The Board asked staff to consider whether having a diversity of project developers (i.e., different developer for Segments A and B) could provide benefits unrelated to project costs. NYISO staff evaluated the issue and sought input from its consultant. While NYISO staff was unable to quantify a dollar value associated with diversity, NYISO’s consultant indicated that having different developers for each segment could bring qualitative benefits, such as diversifying financing risks of the projects and increasing

the availability of additional resources to support project development. The Board concluded that such qualitative benefits are relevant to the Board’s selection.

In accordance with the NYISO’s tariff, the Revised Report is being returned to the Management Committee for further review and comment. Following the Board’s consideration of these comments, the Board will make its final determination on the Revised Report and the selection of the Public Policy Transmission Projects to address the AC Transmission Needs.

Carbon Pricing Update – the Integrating Public Policy Task Force held its last meeting on Monday, December 17, 2018. The meeting agenda included review of the Carbon Pricing Proposal and an update on additional analysis by Mike DeSocio, Senior Manager, Market Design at the NYISO. The full Carbon Pricing Proposal is available at:

<https://www.nyiso.com/documents/20142/3911819/Carbon-Pricing-Proposal%20December%202018.pdf/72fe5180-ef24-f700-87e5-fb6f300fb82c>

NYMPA/MEUA remains opposed to the current proposal due cost concerns, limited carbon reduction benefit, potential that REC/ZEC prices while reduced by the Carbon Pricing Proposal will not be eliminated, and need for additional modeling that evaluates what happens, if the necessary transmission upgrades are either delayed or cancelled.

Help Keep Us Current
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