

Communiqué

The **AMEA Communiqué** is a monthly publication of the Alabama Municipal Electric Authority
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MISSION STATEMENT

AMEA's mission is to provide for our Member communities a reliable and economical source of electric power, enabling them to preserve and enhance the benefits of municipal utility ownership for their citizens and the electric customers they serve. We strive to offer services that our Members need and can adapt to provide the best value for their communities and customers.

Sue Kelly receives 2017 President's Award

Sue Kelly, President and CEO, American Public Power Association (APPA), was the recipient of the 2017 AMEA President's Award on Thursday, April 20 during the AMEA President's Awards Dinner in Point

Clear. The event was held in conjunction with the 2017 AMEA Power Supply Conference, April 20 and 21.

The award honors individuals who played a key role in the formation of AMEA and is presented in recognition of their continued leadership and dedication to the organization.

"Due to Sue's leadership and commitment to public power, AMEA has become a valued partner in Alabama's electric utility community," said Fred Clark, AMEA President & CEO.

Mrs. Kelly has served as President and CEO of APPA since April 2014. APPA is a trade group that represents more than 2,000 not-for-profit, community-owned electric utilities across the U.S. Prior to becoming President and CEO, Mrs. Kelly was APPA's Senior Vice President, Policy Analysis and General Counsel. In that capacity, she helped APPA and its members with energy policy formulation and policy advocacy before the Federal Energy Regulatory Commission



Shown presenting the award to Kelly (C) are Fred Clark, AMEA President & CEO, and Don McClellan, Chairman, AMEA Board of Directors. (Photo by D. Fran Morley)

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(FERC), federal courts, and other governmental and industry policy forums.

Past recipients of the AMEA President's Award include the late Robert D. Thorington, Clifford A. Lanier, Jr., Robert W. Claussen, H. Sewell St. John, Jr., Robert H. Young, Jr., Steven Stein, Bilee Cauley, Joe Rex Sport, Tuskegee Mayor Johnny Ford, James P. Nix and Don Clements.

AMEA hosts 10th Power Supply Conference in April

The 2017 AMEA Power Supply Conference was held in April at the Marriott Grand Hotel in Point Clear. Some 100 people from AMEA Member cities as well as partners were on hand for the annual event. This marks the 10th year for the conference.

Speaker presentations can be found on the AMEA web site, www.amea.com, Members Only, 2017 AMEA Power Supply Conference. As this is a password protected area of the site, you will need your username and password. For more information on the speaker presentations, please contact Lisa Miller, Manager of Communications and Marketing, (800) 239-2632, Ext. 118, or lmiller@amea.com.



Joseph "Buzz" Miller, President & CEO, Southern Power, provided conference attendees with an review of Southern Power's initiatives. Twinkle Andress Cavanaugh, President, Alabama Public Service (PSC), reviewed the PSC's recent activities with the audience. (Photos by D. Fran Morley)

Highlights from 2017 AMEA Power Supply Conference



(Clockwise): Jay Garner, President, Garner Economics LLC, speaks to the group about “Making Good Communities Great”; Sue Kelly, President and CEO, APPA, provides a “Report From the Washington Front”; Robert Schreiber, Jo Hellmich and Ralph Hellmich of Riviera Utilities attended the AMEA President’s Awards Dinner on April 21 at the Grand Hotel Marriott Resort in Point Clear; and Fred Clark, AMEA President & CEO, and Jon Hand, Executive Director, Electric Cities of Alabama enjoy visiting with Karon Dugger, wife of retired Riviera Utilities General Manager, Mike Dugger. (Photos by D. Fran Morley)

Fairhope and Lanett are recognized for reliable service

Fairhope Public Utilities and the City of Lanett Electric Department have received national recognition for achieving exceptional electric reliability in 2016. The recognition comes from the American Public Power Association (APPA), a trade group that represents more than 2,000 not-for-profit, community-owned electric utilities. This marks the second year both utilities have received the recognition.

APPA helps members track outage and restoration data through its subscription-based eReliability Tracker service and then compares the data to national statistics tracked by the U.S. Energy Information Administration for all types of electric utilities.

The service is provided by AMEA to all of its Members, said Mark Ennis, Manager of Compliance and Distribution Services.

“It is a testament to the hard work of these Members to ensure that the lights stay on for all of their customers,” Ennis said.

“This recognition helps demonstrate public power’s commitment to reliable electric service,” said Michael Hyland, APPA’s Senior Vice President of Engineering Services.

Public power has a strong track record of reliability, said Hyland. Nationwide, the average public power customer has their lights out for less than half the time, compared to other types of utilities.

Register for the Cyber/Physical Security Preparedness Exercise at AMEA

AMEA will host a half-day APPA/DOE Cyber and Physical Security Preparedness Exercise on Tuesday, June 13, 9 a.m. until 1 p.m., at the AMEA headquarters in Montgomery. Lunch will be provided.

This will be a tabletop-style exercise where facilitators present actual cyber incidents. You and your team members work together to manage the evolving cyber threat scenario, said Mark Ennis, Manager of Compliance and Distribution Services, “During this exercise, you will discuss the roles, responsibilities and overall decision making process within your city/utility when responding to cybersecurity incidents as well as talk through actions you may take at your city/utility to improve the effectiveness of your cyber risk management and emergency response programs.”

The target audience for this exercise is supervisory, managerial, Operational Technology (OT) (e.g., SCADA) and IT personnel within your city/utility. Regardless of the size of your city/utility, everyone will benefit from this exercise. The attendance is limited to 40. To register, contact Ennis, (800) 239-2632, Ext. 119, or mennis@amea.com.

The AMEA Communique is intended for internal use only.



Register for FREE Webinars Today!

AMEA, along with Hi-Line Engineering, have the following **1.5 hour webinars** scheduled for **May** thru **November 2017**.

Each webinar will consist of one hour of instruction and a thirty minute question and answer session. **All webinars will begin at 10:00am Central Time.** Most presentations will be in Power Point format with handouts in pdf format, although more extensive materials may be available for some of the sessions.

June 6 – Motor Starting Analysis

Mitigation of power quality issues due to motor starting on the power system can be one of the most difficult challenges faced by electric utility personnel. This presentation discusses how to prepare a motor starting analysis for various types of motor starters. The impact of the various motor starters on the starting current and starting torque will also be discussed as well as mitigation techniques.

July 11 – Solar Design

Solar systems are being installed by residential utility customers which will be operated in parallel with the utility system. It is important to have an understanding of the electrical design of these systems. The goal of the webinar is not to teach how to design a solar system, but to understand the concepts and National Electric Code articles that pertain the solar systems. This webinar specifically addresses AC/DC inverter requirements, sizing both AC and DC conductors, voltage drop limitations, grounding requirements, interconnection requirements and overcurrent protection methods.

August 8 – Distributed Generation Interconnection

More roof top solar and commercial solar are being install by consumers to defray their energy bills. The presentation provides a detailed review and application of IEEE Standard 1547 for interconnection of solar systems as well as other types of prime movers. The discussion will include screening techniques to help speed the process, as well as how to analyze new DG units from 5 watts to 3MW.

September 12 – Techniques for Reducing System Losses

System losses can range from 4% to 10% of total system energy purchases. Reducing these losses will result in bottom line improvement of the financial success of an electric utility. This presentation will cover the cause of losses both at peak (kW) and over time (kWH), as well as accounting for unmetered sales. A benchmarking methodology will be provided to compare your system losses to similar electric systems. The webinar will present mitigation techniques to address loss reduction.

October 10 – Understanding Conductor Characteristics

Conductor is one of the largest capital investments for the utility. Staking technicians must understand conductor characteristics to ensure the longevity of the conductors installed on the distribution system. This presentation will discuss the effects of sag and tension on conductors from initial sag to final sag, how the inelastic deformation of the conductor affects the final sag values, and methods of verifying sag at initial installation. The webinar also discusses the practical application of sag tables to identify the sag and tension values for initial sag.

November 14 – Understanding Distribution Grounding

The NESC provides methods and requirements for grounding distribution systems. Proper grounding is an important component of safety for line workers and the public. This webinar addresses the safety goals and describes approved methods for effectively grounding the system neutral and other non-current carrying equipment. Different types of grounding electrodes are covered which provide options for achieving a well-grounded system. The rules for grounding guys and insulating guys are also addressed including secondary guys and span guys. Equipment to be grounded is covered along with common methods used by utilities.



HI-LINE ENGINEERING MAY-NOV 2017 WEBINAR SCHEDULE



Register now for Webinars

An internet connection and a computer are all you need to participate. As a member of AMEA, you have access to live and recorded webinars at no cost to your utility. Register today at www.PublicPower.org/Academy and click on webinars. Enter coupon code **AMEA** to take advantage of this opportunity.

- Overview and Practical Applications of the 2017 Safety Manual **June 6**
- Accounting and Finance Webinar Series Accounting Standards and Reporting Update **June 13**
- Accounting and Finance Webinar Series Industry Rate Trends and Future Rate Structures **June 27**
- Public Utility Governance Webinar Series Board-Driven Performance Evaluation: Governance and Management **July 5**



Riviera Utilities receives RP3 designation



Riviera Utilities received the Reliable Public Power Provider (RP3) designation recently from the American Public Power Association (APPA). The award was presented during the APPA Engineering & Operations Technical Conference in San Antonio, TX. The RP3 program recognizes utilities that demonstrate high proficiency in reliability, safety, workforce development and system improvement. Shown are (L to R): David Lynch, Chair, RP3 Review Panel; Robert Davis, Scott Sligh, Danielle Gaston, Wes Abrams and James Wallace, Riviera Utilities; and Mike Hyland, APPA's Senior Vice President of Engineering Services.

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