

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.

Power Supply Conference planned for April 18 and 19

Mark your calendar for the 2019 AMEA Power Supply Conference, slated for April 18 and 19, at the Grand Hotel Marriott Resort in Point Clear, AL. Conference registration is FREE and open to all AMEA Members. The conference will begin on Thursday, April 18 at 1 p.m. and conclude at 11 a.m. on Friday, April 19. Attire for the conference is business casual.

On Thursday, April 18, please join us for the President's Awards Reception and Dinner, where we will recognize Dale Baker, Chairman, Sylacauga Utilities Board, and a member of the AMEA Board of Directors, with the 2019 President's Award. The reception will begin at 6 p.m., followed by dinner at 7 p.m.

For those arriving on Wednesday, April 17, an AMEA Board Appreciation Dinner will begin with a reception at 6 p.m. and dinner at 7 p.m.



Katie Boyd Britt, President, Business Council of Alabama, will be one of this year's speakers.

Online conference registration is available. Please go to AMEA's web site,

www.amea.com, and scroll to the bottom of the home page to 2019 AMEA Power Supply Conference. Conference registration deadline is Monday, April 8.

For your convenience, the hotel is holding a block of rooms for the nights of Wednesday, April 17 and Thursday, April 18. To reserve a room at a special rate of \$150 plus tax per night, please call (800) 455-3834 and mention **Alabama Municipal Electric Authority**. The room block deadline is Monday, March 18. To make your room reservation, click on this link: **Book your group rate for AMEA Resort View**

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Conference

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This year's speakers/topics will include: Meena Dayak, Vice President, Integrated Media & Communications, American Public Power Association, *#WeAreCommunityPowered Campaign*; James Ellis, Senior Director, Utility Solutions, ChargePoint, *A Look at the Growth of Electric Vehicles*; Katie Boyd Britt, President, Business Council of Alabama, *A New Day at the Business Council of Alabama*; Terry Huval, former General Manager, Lafayette, LA, Utilities System, *Recognizing Privatization Threats and Planning the Best Defense*; Michael Zenker, Managing Director, NextEra Energy Resources, *Overview of Natural Gas Pricing and Future Outlook*; Seamus McNamee, Senior Director, Research, GreatBlue Research, *2018 AMEA Customer Satisfaction Survey Results*; and Maureen Neighbors, Energy Division Chief, ADECA, *Volkswagen Settlement and How Funds Will Be Distributed for Electric Vehicles/Charging Station Infrastructure*.

For more information about the conference, please contact Lisa Miller, Manager of Communications and Marketing, (800) 239-2632, Ext. 118, lmiller@amea.com, or Samantha Alexander, Executive Assistant, Ext. 115, samantha@amea.com.

AMEA hosts Economic Development Roundtable this month

The 2019 AMEA Economic Development Roundtable for Member city economic developers, their staffs and boards was held on Tuesday, Feb. 19 at the AMEA headquarters in Montgomery. AMEA hosts the event annually to provide local economic developers with resources to help them in their community/economic development efforts.

Topics included *Opportunity Zones in Alabama*; a panel discussion on *Workforce Development Partnerships and Successful Initiatives*; *7 Habits of Highly Effective Site Readiness*; and *Investing in Alabama's Future* (impact of infrastructure on economic growth).



(L to R): Tuskegee Mayor Tony Haygood, Fairhope Mayor Karin Wilson and Dothan Mayor Mark Saliba participate in the AMEA Economic Development Roundtable; and Didi Caldwell, Founding Principal, Global Location Strategies, discusses *7 Habits of Highly Effective Site Readiness*.

Member linemen participate in AMEA Safety Committee meeting

Member city/utility linemen from throughout AMEA's service area participated in a Safety Committee meeting at the AMEA headquarters in Montgomery on Wednesday, Feb. 20. During the meeting, linemen and Steve Flynn, AMEA Safety Instructor, discussed general safety practices and working together to establish common safety standards among AMEA Members, said Mark Ennis, AMEA Manager of Compliance and Distribution Services.



(Top photo) Linemen from AMEA Member cities/utilities participate in a Safety Committee meeting Feb. 20 in Montgomery. (Bottom photo) Steve Flynn, AMEA Safety Instructor, facilitates the meeting.

AMERICAN PUBLIC
POWER ASSOCIATION

2019

THE ACADEMY
Webinars

Register now for Webinars

Webinars allow you to learn from the best in the business without leaving your office! American Public Power Association webinars are free to AMEA members. Enter coupon code **AMEA** at checkout, to view the webinars at no cost to your utility. Find out more and register today at www.PublicPower.org under Education & Events.

- Understanding the Generation & Transmission Grid: **March 8**
- Rating Agency Outlook for Public Power: **March 12**
- Operating a Local Public Power System: **March 22**
- Overview of Public Power Governance: **March 22**
- Maintaining or Improving Your Utility's Bond Rating: **March 26**

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The AMEA Communique' is intended for internal use only.



FREE! 2019 WEBINAR SERIES

Alabama Municipal Electric Authority (AMEA)
is partnering with **Hi-Line Engineering** to provide the following
2019 Webinar Series **FREE** to our AMEA Member Organizations.

Webinar Dates and Subjects		\$	✓
1.	March 5 – Changes in Arc Flash Calculations - IEEE Standard 1584 was updated in late 2018. Significant changes were made that could change the PPE used by electric utilities. These changes include elimination of the exception for transformers below 125 kVA and elimination of the 85% rule. Further, the calculation now includes more shape factors for arcs that are considered to be enclosed in switchgear or similar enclosures. The new calculations are more accurate, but present challenges for electric utilities. This webinar addresses the changes and the new calculation methods.	Free	
2.	April 16 – Underground Distribution Design - Designing underground distribution differs from designing overhead distribution in terms of resiliency of the system. This webinar addresses common underground design criteria such as methods for design in underground subdivisions and commercial developments, routing of cable systems, use of conduit, burial depth, and common errors in design. Single contingency outage and overcurrent protection scheme will be addressed along with limiting factors of system components.	Free	
3.	May 14 – Specifying and Placing Lightning Arresters - Lightning can cause 20% of the outages on overhead power lines. The webinar discusses the type of arresters currently on the market for distribution lines. In addition, the presentation discusses the common basic impulse insulation level (BIL) with emphasis on a new method to prevent flashovers referred to as critical impulse flashover voltage (CFO). The combine BIL of equipment are not additive as once thought. The CFO technique for overvoltage protection will be discussed with explanations for adequately protecting overhead lines based on ground flash density,	Free	
4.	June 18 – Resource Planning for Distributed Energy Resources - Distributed Energy Resources (DER) are changing the landscape for distribution engineers in terms of planning and designing of their systems. This webinar addresses the positive and negative impacts to the grid from DER. In addition, how to plan for future system growth and resiliency with DER added to the system will be discussed.	Free	
5.	July 16 – Single Phase Metering - This webinar addresses the fundamentals of single phase metering including meter bases and connectivity of the single phase meters. However, AMI metering has changed the landscape on single phase metering. So, the presentation will address new data being collected, new controls at the meter, and alarms. Specifically, what do the alarms mean and how to address alarms such as high voltage, hot socket, and low voltage. Further, the use of demand reads, ping of the meters, and load side voltage tests will be addressed.	Free	
6.	August 13 – Three Phase Metering - Metering of three phase services is complex and often represents a larger percentage of utility income compared to single phase loads. Meter Forms 8/9 and 15/16 will be addressed including methods for sizing current transformers and potential transformers. Common wiring methods and common errors will also be discussed.	Free	
7.	September 10 – Battery Energy Storage Systems - Utility scale batteries are beginning to make an impact on distribution systems to the point that some utilities are providing assistance to consumers who install batteries behind the meter. This webinar provides a fundamental understanding of battery energy storage systems. Further, the webinar discusses the application of battery storage both on the utility system as well as on the consumer side of the metering.	Free	
8.	October 8 – Wood Poles – Standards and Design - Wood poles have been used in the electric utility industry since its inception. There are standards for wood poles (ANSI 05.1), and the NESC provides loading and strength requirements of poles. This webinar addresses limitations set forth in the standards, NESC loading requirements such as ice, wind, joint-use attachments, vertical loads and the need for strength reduction factors for wood poles.	Free	
9.	November 12 – Application of Voltage Regulators - Voltage regulators are needed on all distribution systems and serve an important role in maintaining quality service to customers. This webinar will address the fundamentals of how voltage regulators operate. In addition, the presentation will cover application of the voltage regulators including placement, how to coordinate cascading regulators, and the use of line drop compensation.	Free	

Please check all or the individual webinars you are interested in, complete the information below, and email to : jennifer@amea.com - 334-387-3502 - 80 TechnaCenter Drive, Montgomery, AL 36117

Company Name _____ Company Contact _____
Mailing Address _____ Contact Email _____
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Webinars conducted by:

