CIGRE: Grid of the Future 2019
Connecting with our Communities:
Smart City, Smart Neighborhood, and Electric Transportation

SPEAKERS

Carrie Kelly: Smart Services Implementation Manager

Carrie has over 20 years of utility experience and currently serves as the Smart Services Implementation Manager at Georgia Power Company where she is responsible for the creation and execution of unregulated smart city initiatives. She is an experienced strategic leader with notable success in New Product Development, Customer Operations, Outdoor Lighting Sales, Strategic Marketing, and Energy Efficiency. Carrie earned a bachelor's degree in Business Management from Shorter University.

Kline Petty: Customer Choice Manager

Kline is the Customer Choice Manager for Georgia Power. Petty leads a statewide team that competes to secure Georgia Power as the electric provider for large industrial and commercial projects throughout the state. He is also responsible for leading Georgia Power's Smart Neighborhood project since March 2017. The 46-townhome development is a research project to better understand the interactions of energy efficiency, rooftop solar, in-home battery storage and the company's electric grid. Prior to his current role, Petty has 25 years of experience with the company where he has held positions of increasing responsibility in customer service, sales and marketing, external affairs and community involvement. He earned a bachelor's degree in business from Mercer University.

Andy Phillips: Electrification Manager

Andy has worked for Georgia Power since 1991 in a variety of positions including Engineering, Marketing & Sales, and Customer Service. During his tenure he has lead a number of different organizations including Customer Satisfaction, Training, Region Sales and Key Accounts. In his current role as Electrification Manager, Andy and his team are responsible for growing energy sales for residential, commercial & industrial customers as well as advancing electric transportation energy sales for Georgia Power. Andy has a Bachelors degree in Electrical Engineering from Georgia Tech and a Master's in Business Administration from Emory University.

AGENDA

Smart Cities

Carrie Kelly
With over 50% of street lights in the US under Utility ownership, lighting vertical infrastructure has become profitable real estate to the investor owned utilities. The utilization of this asset can increase company growth, provide space to invests in capital projects, and assists in shaping the future of a modern city. In this presentation we will look at use cases to define smart city applications and what Georgia Power specifically has done since 2015 to monetize the intelligence of our Lighting poles. We will provide insight to financial opportunities including total addressable markets and potential best applications. We will focus on safety, security, mobility, parking and digital signage with examples of product launches and current pilots. There will be a strong emphasis on target audiences, customer pain points, value propositions, competitors, risks, mitigation and ability to win.

Smart Neighborhoods

Kline Petty
Georgia Power has partnered with the PulteGroup to develop the first Smart Neighborhood™ in Atlanta. This two-year R&D project will allow Georgia Power to gain an overall understanding of advanced technologies in the residential market and how to better plan for the future energy needs of our customers. We will research the interactions between energy efficiency measures, in-home battery storage, rooftop solar and our electric grid. This presentation will talk about how we utilize the home energy optimization platform to schedule the major appliances in each home, in coordination with solar and batteries, to minimize energy usage while optimizing comfort and control for each homeowner.

Electric Transportation

Andy Phillips
Georgia Power has a long history of promoting electric transportation across a variety of industries. This presentation will highlight how Georgia Power is working with customers to significantly reduce their fuel and maintenance expenses by electrifying transportation.