



Focused on Our Future

Medium-Heavy-Duty (MHD) Electric Vehicle Bootcamp - Harrisburg, PA

Alan Michel – Director, Customer Policy and Solutions

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FirstEnergy Approach to Electric Vehicle Space



- We aspire to be a reliable, trusted provider of energy solutions to support the affordable transition in meeting customer's clean energy goals.

We plan on doing this by:



- Educating our customers about electric vehicles and electrification technologies
- Implementing affordable programs that allow customer energy management and conservation
- Building broad and agile internal capabilities that empower the workforce to meet evolving customer needs

Electrification solution benefits:



- Energy savings for our customers
- Reduced emissions
- Provides investment opportunities supporting PA economy

Transportation Electrification - Pennsylvania

■ Opportunities

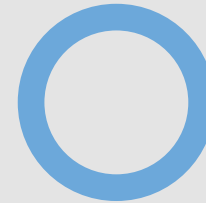
- New and exciting technology
- No tailpipe emissions
- Funding from Federal & State governments
- Collaboration
 - Government
 - Utilities
 - Manufacturers
 - EVSE operators
 - EV advocates

■ Challenges

- System planning
 - Fleet forecasting
 - Customer adoption rate
- Fleet planning
 - Vehicle availability and configurations
 - Total Cost of Ownership
 - Charging and unique operating characteristics
 - End of Life

Pennsylvania EV Adoption – Programs and Policy

- **New Service Education**
 - Internal and external education on process and costing for electric upgrades or new service requests
- **Rate Design**
 - Time of Use rates to encourage off peak charging
 - Evaluating potential for Programs/Pilots
- **Products and Services**
 - Electrical installation for EV chargers
 - EV charger purchase/lease and warranty/repair programs under consideration
- **EVDriven Website**
 - Passenger/Light duty assessment tool
 - Evaluating Fleet assessment tools



Pennsylvania – Grant Support

■ NEVI Funding

- Dedicated RFP email and estimate process
- Return form with cost estimates and engineering review

■ Grants for Communities & Schools

- Webinars to aid application success
- Process to review charging plans
- Cost estimates
- Letters of support

