

# Electric Vehicle Charging Roundtable

Florida Public Utilities Company

P. Mark Cutshaw

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# Chesapeake Utilities Corporation



**CHESAPEAKE**  
UTILITIES CORPORATION



**ASPIRE**  
ENERGY

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**EASTERN SHORE**  
NATURAL GAS

**FLORIDA PUBLIC**  
UTILITIES

**PENINSULA**  
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**PESCO**  
ENERGY

**SANDPIPER**  
ENERGY

**SHARP**  
ENERGY

**CHESAPEAKE** UTILITIES **FLORIDA PUBLIC** UTILITIES

# Our Company



## Delaware and Maryland

Natural Gas Transmission, Distribution and Marketing  
Propane Distribution

## Virginia

Propane Distribution

## Pennsylvania

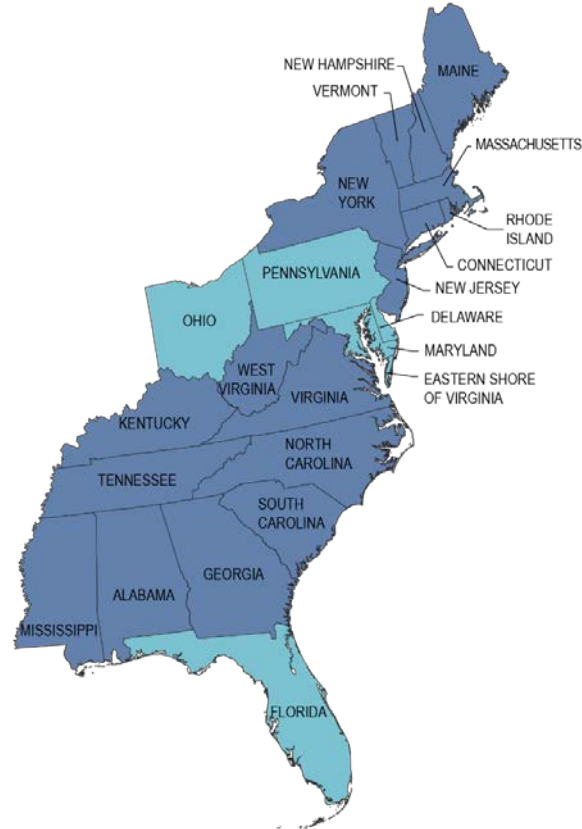
Natural Gas Transmission  
Propane Distribution

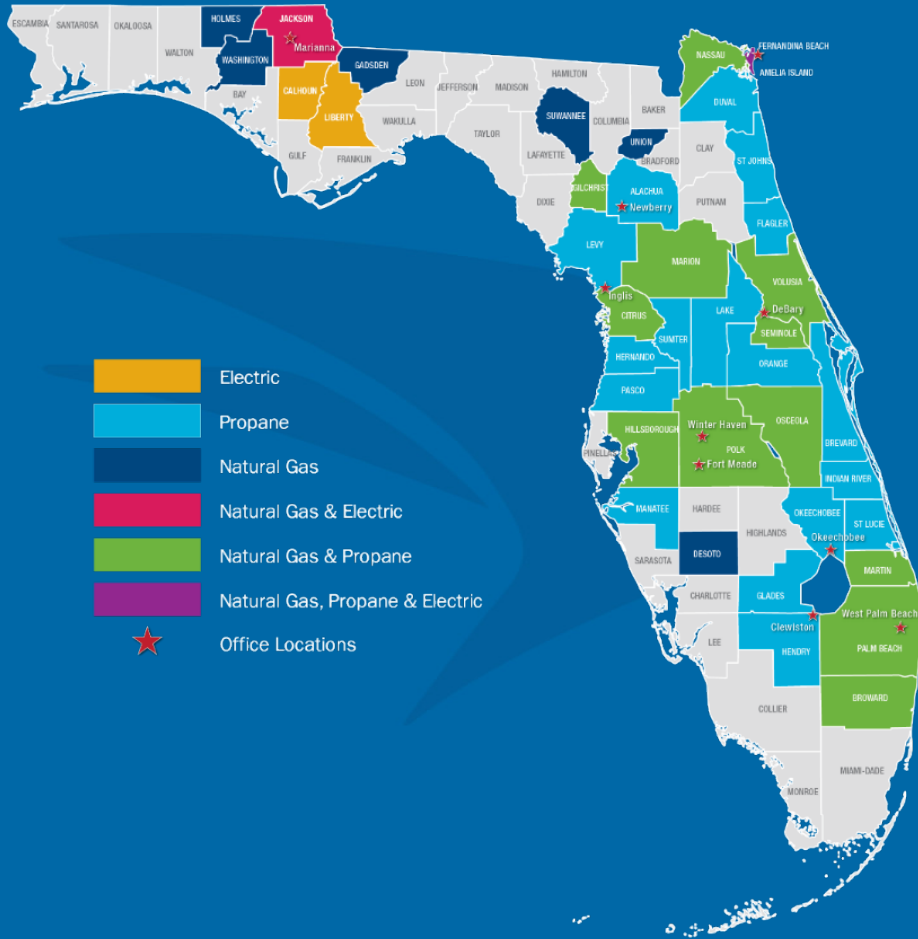
## Florida

Natural Gas Transmission, Distribution and Marketing  
Electricity Distribution  
Combined Heat and Power Plant  
Propane Distribution

## Ohio

Natural Gas Gathering, Marketing, Liquids Processing and  
Distribution





# FLORIDA PUBLIC UTILITIES



# Overview of Current Electric Vehicle (EV) Charging at FPU



- FPU currently does not have any programs related to EV Charging installations.
- FPU is very interested in further investigation of opportunities related to EV Charging.
- FPU does have customers accounts that provide for personal or public EV Charging installations,
- FPU does not utilize any EV Charging specific rates.
- FPU has been in communication with local governments regarding the development of EV Charging installations within some of the communities we serve.

# Impact of Electric Vehicle Charging on the FPU Electric Grid

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- Currently, the EV Charging is minimal load and has no impact on the grid.
- FPU will continue to monitor the EV sales and charging installation forecast and incorporate this information into future electrical load forecast modeling.
- Based on existing system loading and forecast of future EV sales, EV charging does not appear to have significant impact on the system.

# Impact of Electric Vehicle Charging on the FPU Electric Grid



- Customers may be required to upgrade electric services to adequately handle addition of EV Charging, especially for banks of Level 3 chargers.
- Data related to EV charging is very limited in the FPU service territory, pilot programs could resolve this issue.
- Post storm access to EV charging may present some challenges during electric restoration activities.
- FPU is well positioned to handle this load into the future.

# Future Regulatory Considerations on Electric Vehicle Charging – FPU Perspective



- Regulatory Authority for activities regarding EV Charging should fall under the FPSC.
- Ownership of Infrastructure associated with “Public” EV Charging, with appropriate regulatory oversight, would best be handled by the utilities.
- Issues related to the sale of electricity by entities other than public utilities are of concern and must be addressed.
- Utilities are best positioned to ensure grid integration, develop markets appropriately and ensure customer benefit and utilization of systems.



# Questions or Comments

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