

# **Southeast Energy Exchange Market (SEEM)**

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Southern States Energy Board Annual Meeting  
August 2022



# Core Principles

***Objective: create a Southeastern Energy Exchange Market enabling the region to be the most stable, affordable, reliable, and cleanest, in the United States.***

- Each utility/state maintains control of generation and transmission investment decisions
- Each Transmission Provider remains independent with its own transmission tariff
- Each Balancing Authority remains independent
- ***Minimize bureaucracy while maximizing benefits to customers***
- ***Participation is voluntary***
- ***Market benefits to exceed cost, collectively and for each market participant***
- ***Ensure transparency in SEEM governance and SEEM operations while maintaining member confidentiality***

# Market Structure

- A simple, efficient, automated 15-minute bi-lateral market utilizing left over transmission to achieve cost savings for customers
- Filed a New Transmission Product
  - Lowest level of non-firm utilizing remaining ATC
  - ***\$0/MW transmission service rate***
- Wholesale Participation: Any entity with valid source(s) and/or sink(s) in a participating Transmission Service Provider's Balancing Authority footprint

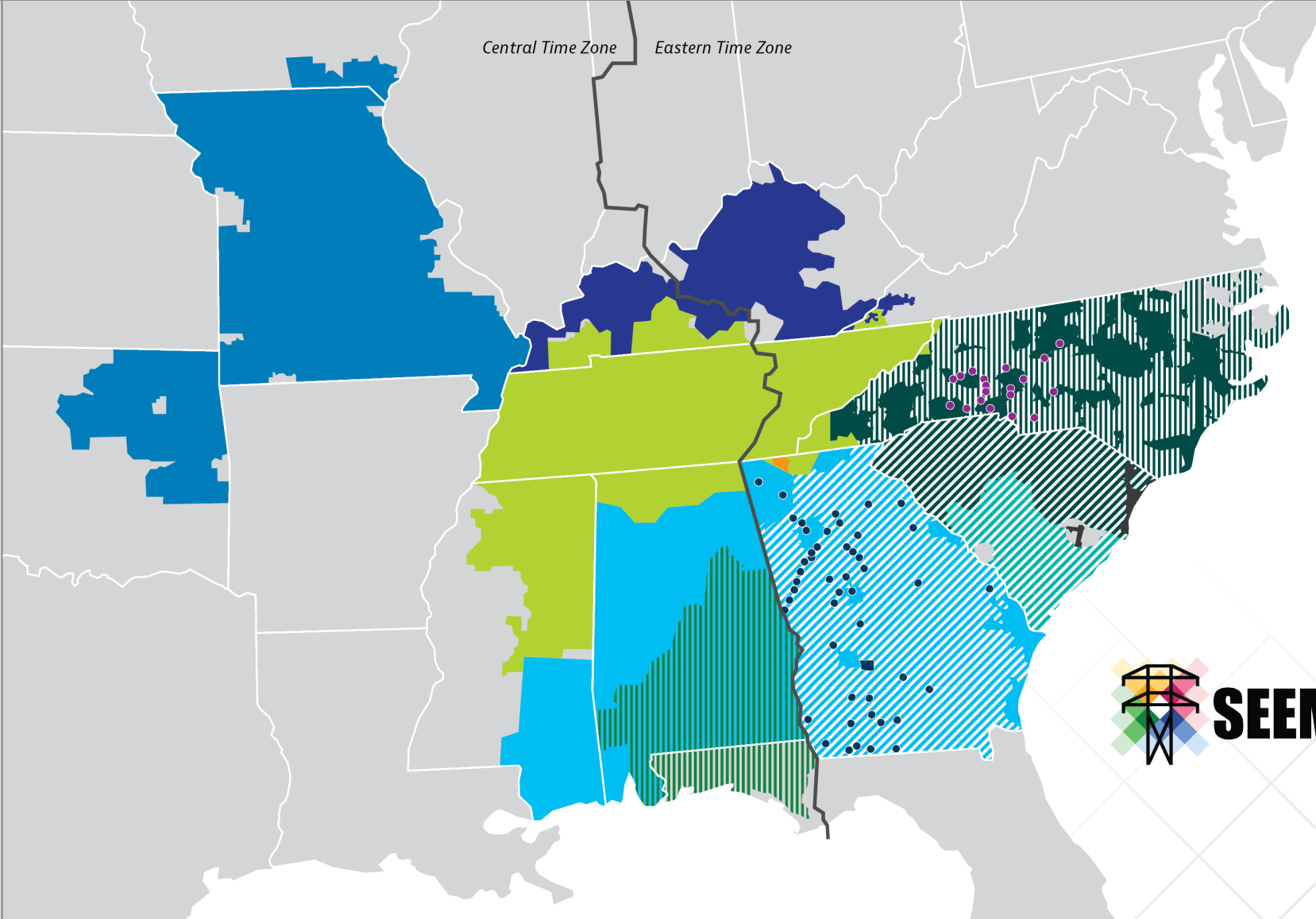


# SEEM Footprint

## Electric Service Territory Map

- Southern Company
- Georgia Transmission\*
- Oglethorpe Power Corp.\*
- Dalton Utilities
- MEAG Power
- TVA
- Associated Electric Cooperative, Inc.
- LG&E and KU Energy LLC
- PowerSouth - Alabama
- PowerSouth - Florida
- North Carolina Municipal Power Agency No. 1
- Dominion Energy
- Duke Energy
- Santee Cooper
- Served by Dominion or South Carolina's electric cooperatives
- Served by Duke or South Carolina's electric cooperatives
- North Carolina EMCs

*\*Oglethorpe Power is a Georgia Transmission member and power supplier that serves the 38 member systems*



> 160 GW of capacity serving > 640 TWh of energy for load

# Benefits

- Positive and proactive market enhancement – Efficient Trading and \$0 Transmission Cost
- Creates new opportunities without disrupting well-functioning regulatory framework
- Further optimization of existing assets
- ***Tool to integrate renewable and variable resources – avoid curtailments***
- Huge Scale and Scope - Leverages geographical, loads, and weather diversity
  - Two time zones
  - Over 1000 miles wide
  - Connects wind and solar zones and large metropolitan “sinks”
- ***Every transaction lowers customer’s costs – buying and selling***