RURAL ELECTRIC COOPERATIVES
& EV INFRASTRUCTURE
SIEA’S TERRITORY

- Southern CO
- 35% Suburban / 65% Rural
- 21,000 members
**EV INFRASTRUCTURE**

- 4 privately owned
  - 3 DCFC
  - 1 Level II
- 7 SIEA-owned
  - 2 DCFC
  - 5 Level II
- Future
  - State Parks
  - Scenic Highways
  - Local government
  - Transit agencies
EV REGISTRATIONS

- Low adoption in rural areas
  - 1% territory-wide
- Growth potential of
- High AADT along interstate and some state highways

*Households Without Vehicle
EV INFRASTRUCTURE FUNDING

- State grants
- G&T grants
- Community partnerships
RESIDENTIAL CHARGING

- Free with EV ownership and TOU
- Co-op payback of ~2 years
- RESP on-bill financing
RESIDENTIAL CHARGING

- Empower as one-stop shop
  - Assessment
  - Project Management
  - Financing
- EV charging and solar as EE gateway
- $3.8 million in affordable on-bill financing
REC OPPORTUNITIES

- Load growth
- Load management
- Economic development
- Member engagement
REC CONSIDERATIONS

- Affordable connection & grid capacity
- Peak contribution
- Payback
- “Charging deserts”
- Coordination
- Equity
- Maintenance
- Software subscriptions
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