Who We Are

ECG – Non-Profit Statewide Trade Organization

52 Member Services Provided:

- Operational | Engineering | Analytical | Training
- Statewide Economic Development
Our Members

- 52 Public Power Electricity Providers
  - Providing **100+ Years** of Electric Service

- Member Utility Enterprise Systems Include
  - Electricity
  - Natural Gas
  - Water & Waste Water
  - Telecommunications
    - (Wired & Wireless)
Support

- High speed wired and wireless connectivity is the 21st Century Interstate System

- Connectivity is critical for economic and community development

- ECG’s members have a long history of supporting the deployment of telecom infrastructure
History of Collaboration

- Obligation to serve assigned territories
- Fiduciary responsibility to fiscally manage all assets
- Proactive pole colocation with electric, telecom, cable TV, DOT
- Results – Low cost, high reliability for Georgia citizens

7
Regions

52
Utilities

41
Utilities
Complicated Model

B2B Joint Use Agreements Provide All Parties

- Consistency
- Predictability
- Remedy
- Operational Reliability
- Fees – Reasonable, Cost Based, & Nondiscriminatory
Pole Owners Provide Asset Management

Staff Assets and Systems Are In Place for:

- Colocation Agreement Management
- Permitting
- Code Enforcement
- Pole Asset Management

Streamlined Process – Utilization of NJUNS (National Joint Use Notification System)

Government Regulation and Oversight is not necessary
NESC Clearance Standards

High Attachment Accessibility

Low Attachment Accessibility

Electric utilities must have pole management autonomy to insure:

- Safety
- Reliability
- Collaboration by all parties
National Electric Safety Code (NESC)

NESC Ground Clearance Requirements
- Roadway
- Pedestrian
- Agriculture

Wires

Ground
Pole Congestion – Top & Below

West - Pole Base

East - Pole Base

Single Pole Top Gang Equipment

North - Pole Base

South - Pole Base
Small Cell Spacing Requirements

4G LTE 500 to 1200 ft.

5G 250 to 750 ft.

Muni Pole Spacing 125’ to 175’ Apart

Multiple Carrier Impact

Data Source: AT&T
Our Members History

- Long history of working with carriers
- Created state-wide agreements in 2006
- Revisited in 2010
- Currently Working on Wireless Attachment Agreements with Carriers
Poles – Electric Plant Assets

Typical Municipal Electric Pole with a Cable Attachment:
Municipalities’ local governments ensure the recuperation of pole costs.

Municipalities set fair prices to share the electric poles that they are responsible to maintain:
Recover the fair and equitable cost to attach to a pole.

The cost of the pole is greater than the one foot of space that an attachment occupies:
The Federal Communications Commission’s calculations are reflected below.
Pole Attachment Rate

**Municipal Cost Allocation**
- $26.00
- 32%

**Current Negotiated Cost**
- $16.50
- 20.6%

**FCC Cost Allocation**
- $6.00
- 7.5%
ECG Statewide Model Collocation Agreements

- Current statewide model agreements
  - Telecom – AT&T, Windstream and others
  - Cable – Comcast, Mediacom, Charter and others
  - Crown Castle, Level 3, Zayo and others
- ECG – Current small cell agreement negotiations with AT&T and MCI
Summary

- A Business to Business model is the answer
- Safety and operational reliability are paramount
- Electric utilities are motivated to negotiate with wired and wireless carriers
- Fees should be reasonable, cost based and nondiscriminatory
- No Legislation is Necessary
Thank You