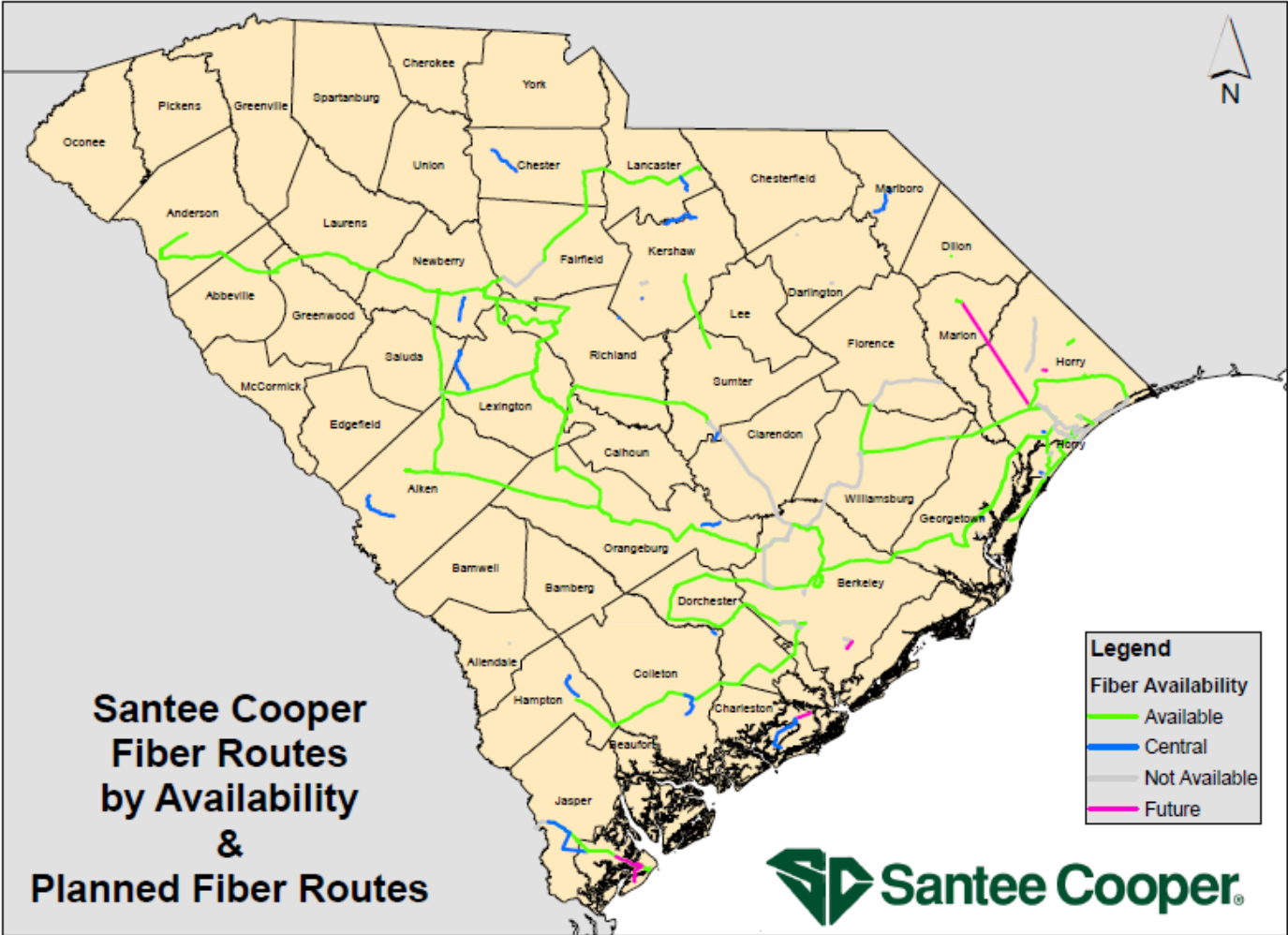


# Broadband Update

Board of Directors Meeting  
December 7, 2020

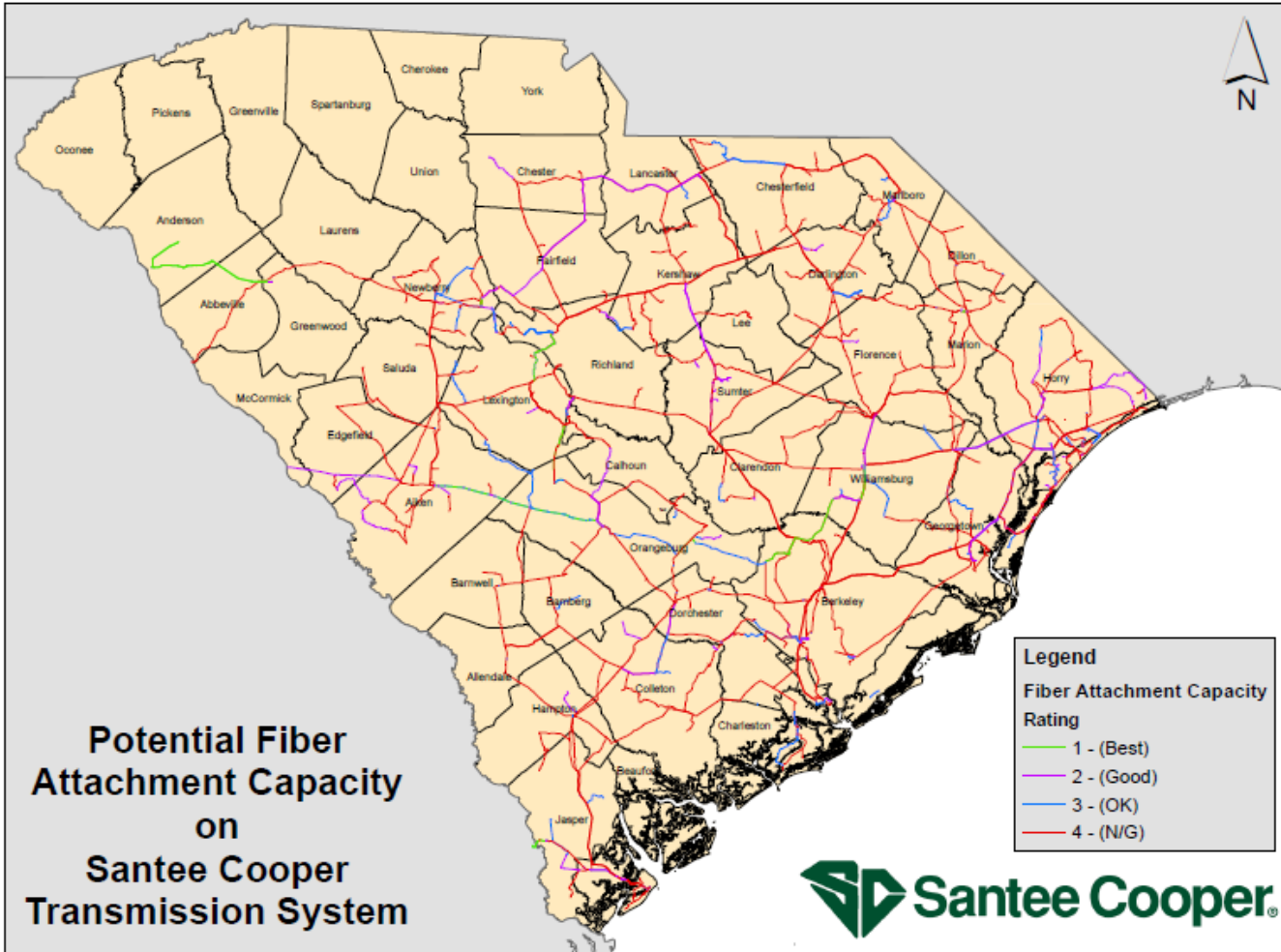
- Completed Items:
  - Dark Fiber Availability
  - Capability for Fiber Attachment
  - Broadband Principles
  - Process (Draft)
  - Technical Requirements (Draft)

# Dark Fiber Availability



- Excess fiber capacity:**
- 2,198 fiber strands
  - 38,315 miles of fiber strand

# Capability for Fiber Attachment



**Fiber Attachment Capacity:**

**Tier 1 (Best): 206 miles**

**Tier 2 (Good): 532 miles**

**Tier 3 (OK): 546 miles**

**Tier 4 (N/G): 3,843 miles**

# Broadband Principles



- **Facilitate expansion of broadband services**
- **Access**
- **Reliability**
- **Pricing**
- **No Cost Shift**
- **Engagement**
- **Transparency**

# Broadband Principles (cont.)



- **Enable Expansion of Broadband Services** - Provide access, consistent with the Act, to certain Santee Cooper resources, including poles, conduit, rights of way, and excess fiber capacity, to communications service providers in order to facilitate their delivery of more widespread broadband services within the State, with an emphasis on unserved and underserved areas.
- **Access** – Offer access to these Santee Cooper resources to communications service providers on a non-discriminatory basis, subject to safety and operational considerations including capacity, engineering, and the operational integrity of Santee Cooper’s water and electric system.

# Broadband Principles (cont.)



- **Reliability** – The reliable delivery of power is paramount to all other uses of Santee Cooper’s transmission and distribution infrastructure. All non-electric uses must not jeopardize reliability to the power system and must adhere to Santee Cooper’s safety, engineering and operational standards.
- **Pricing** – Offer communications service providers access to Santee Cooper excess fiber capacity at market rates and on terms and conditions that are not harmful to competition, while rates for pole attachments will be cost-based.

# Broadband Principles (cont.)



- **No Cost Shift** – Avoid shifting to Santee Cooper’s electric and water customers those costs associated with offering access to Santee Cooper facilities to communications service providers.
- **Engagement** – Engage federal and state officials responsible for full broadband access, communications service providers who are working to provide broadband in unserved and underserved areas, counties and municipal entities as appropriate, and other electric utilities who may have broadband resources that could be jointly leveraged along with Santee Cooper.
- **Transparency** – Publish and report on the use of its resources to enable broadband in a public forum.



# Next Steps



- Board Endorsement of Draft Broadband Principles
- Solicit input on Principles from stakeholders
- Finalize business plan & operating model
  - Organization
  - Roles and responsibilities
  - Management systems and processes
- Finalize application and terms & conditions
- Develop pricing methodology
- Develop website & communication plan
- Present for approval Q1 2021

**Questions?**