Grid Resiliency
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About OG&E

• Oklahoma’s oldest & largest investor-owned utility
• Serves 871,000 customers in 267 cities and towns in Oklahoma and western Arkansas
• 30,000 square mile service area
• 2,200 employees
• 7,100 MW generation capacity
• OG&E is Oklahoma’s largest single ad valorem taxpayer
3Rs: Reliable, Resilient, Responsive

- Requires investment
- Drives community growth & economic development
- Must be affordable
Grid Enhancement in Oklahoma & Arkansas

**Grid Resiliency**
- Distribution line reliability
- Underground cable
- Overhead conductor
- Transformer replacement
- Breaker replacement
- Animal protection
- Lightning arrestors

**Distribution Automation**
- Automated circuit tie lines
- Smart lateral fuses
- Communications to capacitors
- Communications to voltage regulators

**Substation Automation**
- Fault location SCADA inputs
- Substation relay replacement
- SCADA
- Substation meter replacement

**Technology Platforms and Applications**
- Digital field services management
- Digital workforce optimization
- Distribution planning tools
- Transmission emergency management system
Real Results: May 2021 in Fort Smith, Ark.

- Circuit investment saved ~20,000 customers from sustained outages
- Reduced restoration time by 1 – 1.5 days
- Smart technologies isolated and restored where possible
Continuous Service to 871,000 Customers