Ameren Puerto Rico Deployment

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Puerto Rico is 100 miles long x 35 miles wide (5% of the size of Missouri)

Approximately 3.5M residents

As of April 18, 2018, Puerto Rico has lost 3.4 billion customer-hours of electricity (a major storm in AMO is ~64,000 customer-hours of outage)

Storm destroyed 80% of the Transmission System

At the height of the restoration effort there were 5,500 restoration workers

1.5 restoration workers per mile

Tourism is one of their main industries
Hurricane Maria—September 20, 2017
Logistical Challenges
Timeline for Ameren Deployment

- **12/30/17** Equipment Arrive @ PORT – Norfolk
- **1/16/18** Equipment Load and Depart
- **1/17 – 1/26/18** Equipment Ocean Time
- **1/23/18** Advance Team Arrives
- **1/26/18** Full Team Arrives
- **1/28/18** Depart to assignments

Ameren working in Carolina Region

- December Equipment Transport to Norfolk - PORT Departure
Challenges on the Island

Getting Around

Terrain
Our Impact
Lessons Learned /Challenges/Risks

• Safety – Driving and restoration work
• Unique first of a kind – industry deployment
• Multi agency/governmental interdependencies
• Logistics
• Legal and Finance
• Value of Unified Command
• Island conditions
Impressive Results

• Restored power to over 10,000 people in Puerto Rico
• Improved logistical proficiency that will be used in future Ameren storms
• Improved and strengthened safety proficiency and co-worker skills
• Positive cultural impacts in Ameren Missouri
• Strengthened Ameren’s participation in EEI mutual assistance which will allow us to better utilize future assistance when needed on our system
• Showcased to customers Ameren’s commitment of *Powering the Quality of Life*
Ameren
FOCUSED ENERGY. For life.