PLANNING FOR THE FUTURE:

The Nation’s First Cyber-Secure Utility Microgrid at Ameren

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1. Increased Electrical Resiliency
   Seamless transition from Grid-Connected mode to Islanded mode

2. 16 Use Cases
   Capable of complex interoperability, economic dispatch, islanding, ancillary services, frequency and voltage control

3. Most Diverse DER Mix
   Solar, wind, battery energy storage & natural gas generation

4. The Latest Cybersecurity
   First military-grade, ATO-certified microgrid controller on utility-scale installation

5. Fast Deployment
   6 Months, from design to being commissioned

The first microgrid to serve an entire distribution feeder consisting of commercial and residential customers.

“S&C was instrumental in helping Ameren pave the way for the industry in microgrid research, use cases, and understanding how to apply microgrids on the distribution level.”

—Richard J. Mark
Chairman and President, Ameren Illinois

sandc.com/microgrids