

PLANNING FOR THE FUTURE:

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

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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*

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

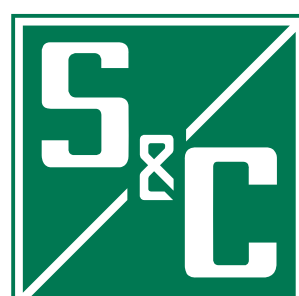
The Latest Cybersecurity

First military-grade, ATO-certified microgrid controller on utility-scale installation

5

Fast Deployment

6 Months, from design to being commissioned



S&C ELECTRIC COMPANY

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