Background on S&C Electric Company

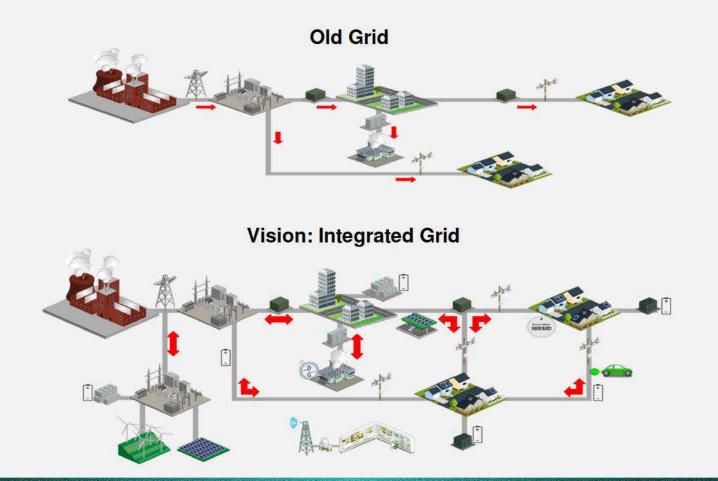
- Founded in 1911
- Specialist in electric power switching, protection, and control
- Headquartered in Chicago, Illinois, USA



- Located in USA, Canada, Europe, Asia Pacific, South America, Mexico and China
- Solution provider for scalable Distribution Automation, Energy Storage and microgrids
- 80% of business is in Distribution of the grid and large Commercial & Industrial users







S₈C

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EPB Chattanooga's Smarter Grid



EPB Chattanooga 500,000 customer municipal



Smart Grid Started with fiber everywhere



Smart Switches 1200 units on all 12kV





Source: David Wade, EPB Chattanooga, presented for DOE, Dec. 2014 "EPB's Smarter Smart Grid"



ComEd Files Annual Delivery Update For Year Of Record Reliability

Business Wire O Follow Apr 13, 2017 12:20 PM EDT

After five years, Illinois smart grid buildout showing results

WRITTEN BY David J. Unger April 27, 2017

PHOTO BY

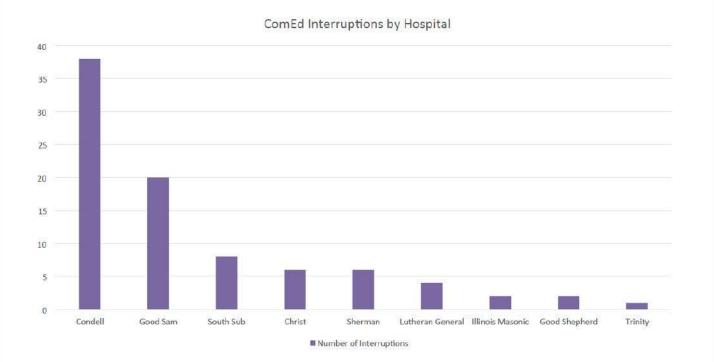
Michael Kappel / Creative Commons Over the past half decade. Illinois utilities have spent billions on building out a smarter, cleaner and more efficient power grid.

While the changes are not without controversy, utilities say reliability has improved while average customer bills have remained flat.

ComEd 2016 Best in Class Reliability Performance Press Release



System Power Outages Jan 2016 – Feb 2017



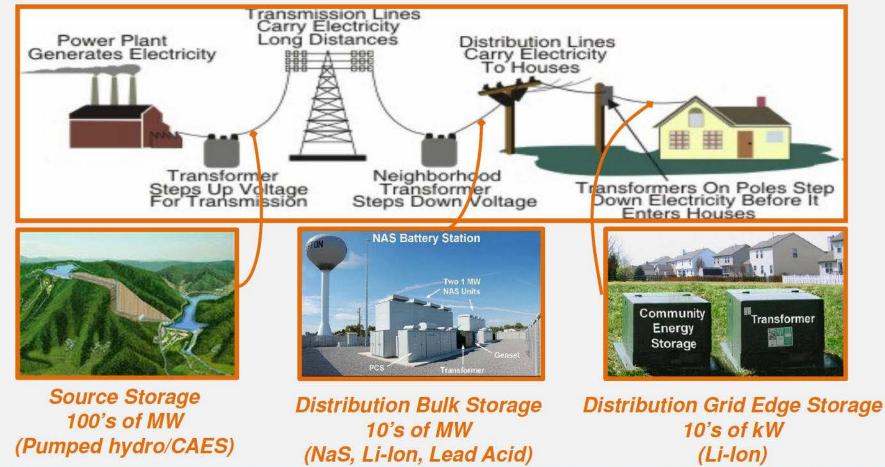
Advocate Health Care

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Hierarchy of Grid-Purposed Energy Storage







Microgrids

SPIDERS I – Joint Base Pearl Harbor-Hickam, Oahu, HI

2.4MW microgrid built around wastewater treatment plant

Completed January 2013

SPIDERS II – Fort Carson, CO

4.2MW microgrid built around missioncritical base command centers **Completed October 2013**

SPIDERS III – Camp Smith, Oahu, HI

5.8MW microgrid encompassing entire Navy Pacific Command base **Completed January 2016**

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ATO Issued

ATO in Process

