2017 Energy Symposium
Distribution Utilities in the Age of Distributed Generation
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ATCO ELECTRICITY

Innovative and sustainable energy solutions that make life easier for our customers

Electricity Transmission and Distribution
• Own and operate more than 88,000 km of electric power line

Electricity Generation
• Ownership position in 18 power generation facilities around the world, including Alberta, British Columbia, Saskatchewan and Ontario, Mexico and Australia

Distributed Generation
• Development, installation and operation of modular power generation facilities
UTILITY OF THE FUTURE

New energy world

Classic utility
UTILITY 2.0 – NEW ENERGY WORLD
MICROGEN INSTALLATIONS: SOLAR, WIND, OTHER

ATCO service territory (245 communities in northern and east central Alberta; 227,000 customers)
UTILITY 2.0 – NEW ENERGY WORLD

Data Analytics and Machine Learning

Energy Management Services

Distributed Energy Resources

Grid Modernization

Electrification of Transportation
Hybrid isolated community generation
UTILITY 2.0 – NEW ENERGY WORLD

Dual Level 3 DC Fast Charger

Dual Level 2 Chargers

Electrical Cabinet

Electrification of Transportation
Thank you!