The Business of Utilities APPA Institute for Facilities Management September 2019 Steve Kraal Jeff Zumwalt

Overview

- Example of how utility companies make money
- Review a sample utility bill and tariff
- Discuss strategies to reduce utility expenses

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Revenue

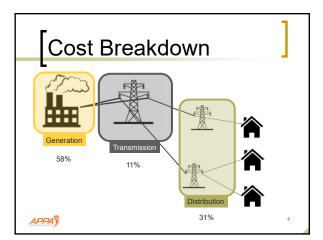
- Rate base amount invested in the "system" by utility company
- Rate of return the percentage the utility company earns on the rate base

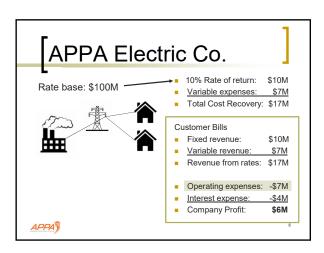
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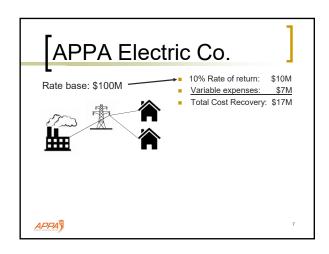
Expenses

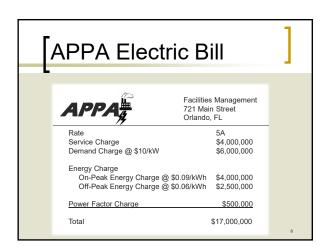
- Variable expenses fuel, maintenance, chemicals, etc.
- **Fixed expenses** debt service, rent, insurance, dues, etc.

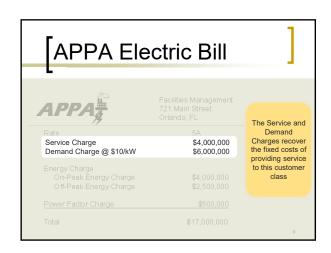
APPA

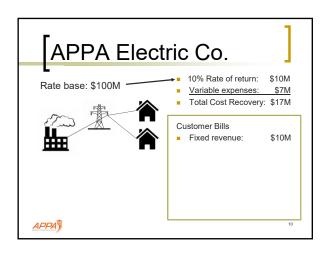


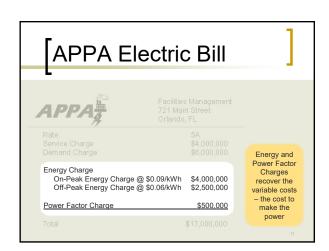


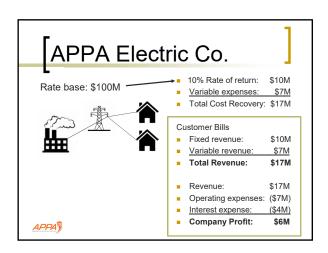


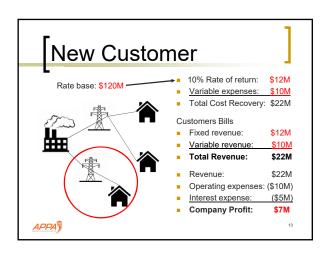


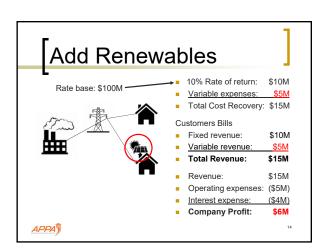


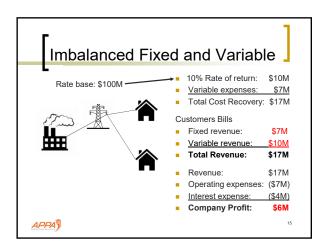


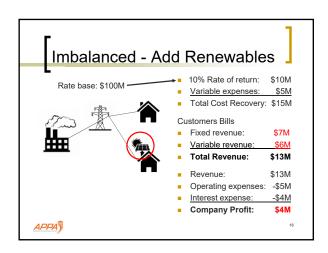


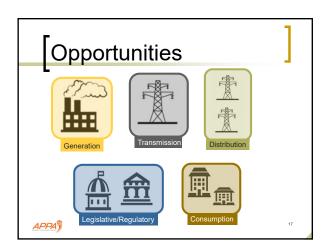


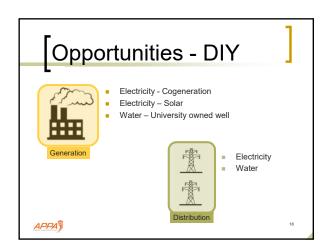












Monitor and shape new laws Participate in the regulatory arena Join a "large-user" group to share these costs Demonstrate Savings Maintenance and operations? Design and Construction? Administration and Management? UEM?

The Business of Utilities Questions, Comments, Observations Sign-in Sheet & Evaluations Related Electives Energy Conservation Sustaining Sustainability Renewable Energy PPA's