The Business of Utilities

APPA Institute for Facilities Management

Steve Kraal
Jeff Zumwalt



APPA)

1

Credit(s) earned on completion of this course will be reported to American Institute of Architects (AIA) Continuing Education Session (CES) for AIA members.

Certificates of Completion for both AIA members and non-AIA members are available upon request.

This course is registered with AIA CES for continuing professional education. As such, it does not include content that may be deemed or construed to be an approval or endorsement by the AIA of any material of construction or any method or manner of handling, using, distributing, or dealing in any material or product.

Questions related to specific materials, methods, and services will be addressed at the conclusion of this presentation.



Overview

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

APPA D

3

3

Revenue

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

APPA

4

Δ

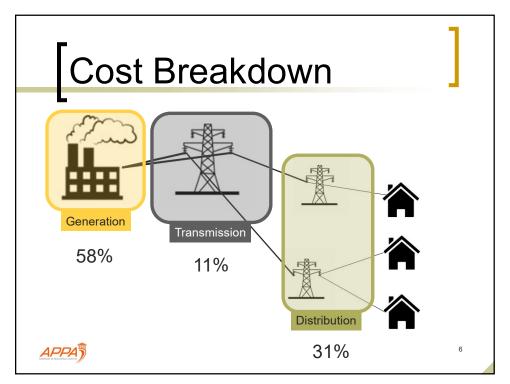
Expenses

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

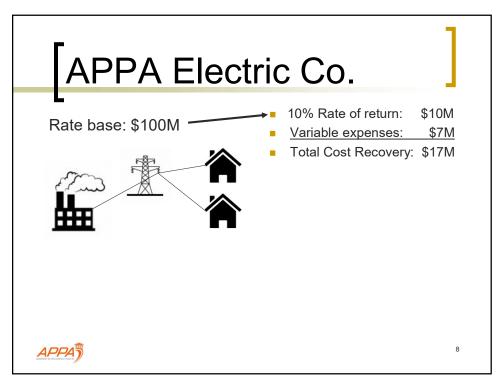
APPA D

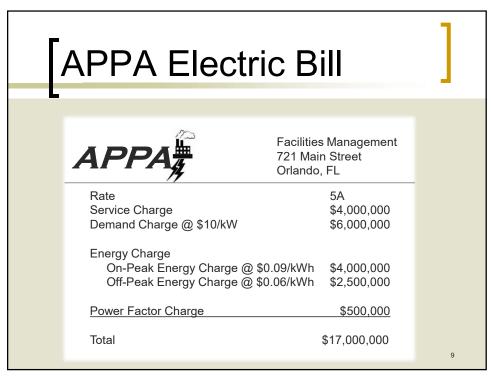
5

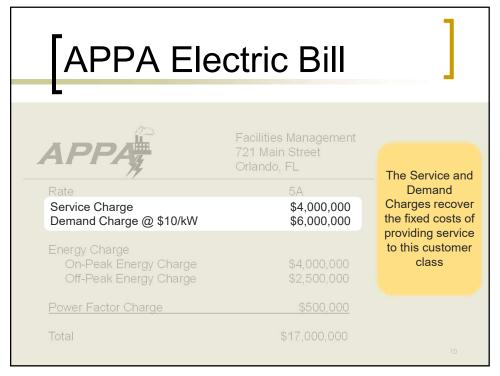
5

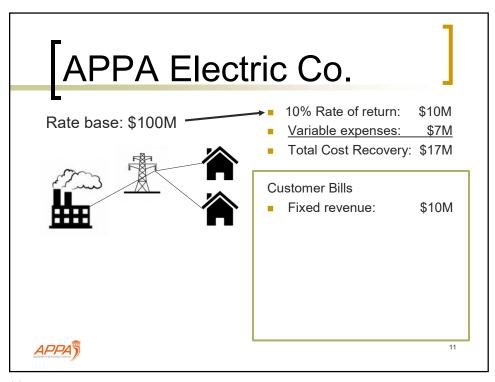


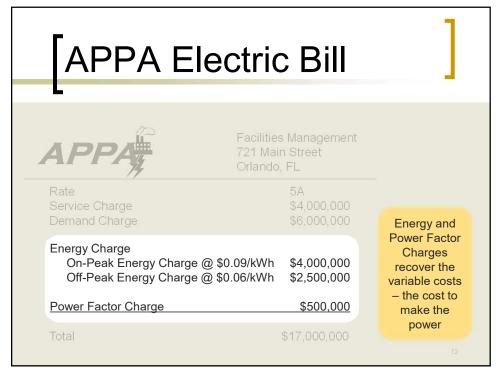
APPA Electric Co.

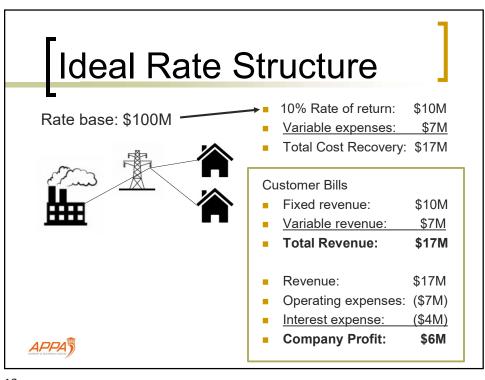


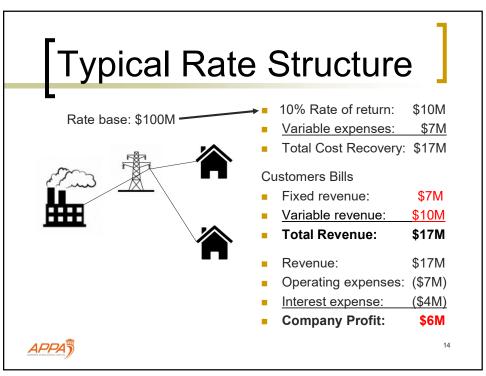


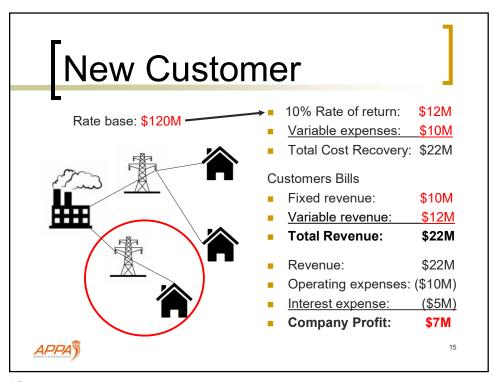


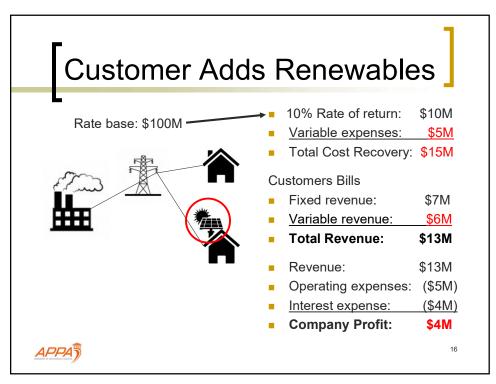


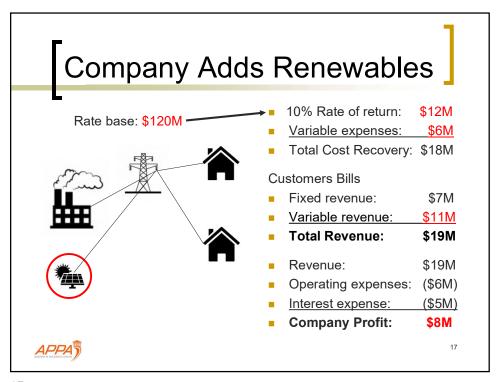




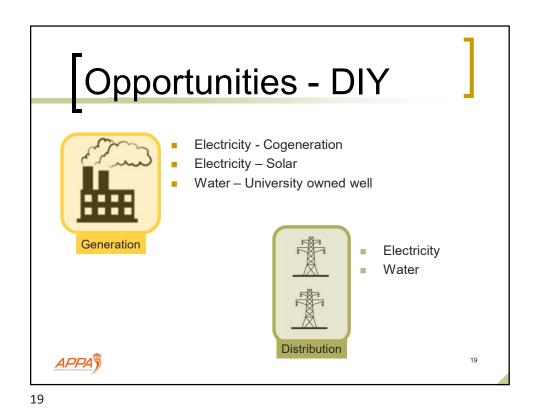












Monitor and shape new laws
 Participate in the regulatory arena
 Join a "large-user" group to share these costs
 Demonstrate Savings
 Maintenance and operations?
 Design and Construction?
 Administration and Management?
 UEM?

