APPA ACADEMY
AMERICAN PUBLIC POWER ASSOCIATION

Draft Agenda

Aligning Rates with the Modern Grid

Noon – 3:00 pm ET

All times below are Eastern

Wednesday, April 9

Noon **Introduction**
- Course overview, agenda, and learning outcomes

12:15 p.m. **Rate Design Fundamentals**
- Basic Elements of Rate Design
- The Role of Demand in Cost of Service
- Two Part Rate vs. Three Part Rate

1:00 pm **Break**

1:10 pm **The Modern Grid: Power Supply**
- Renewable Resources
- Traditional Resources
- Self-Supply Impacts
- Rate Design Issues

1:30 pm **The Modern Grid: Power Delivery & Load**
- Transmission Expansion
- Demand Response
- Industrial Issues: Data Centers, AI, Nuclear
- The Role of AMI

2:00 pm **Break**

2:10 pm **Aligning Rates with the Modern Grid**
- Customer Offerings for PV, EV, & More
- Special Considerations
- Drivers & Challenges

2:45 pm **Wrap Up, Q&A, and Evaluation**

3:00 pm **Session 1 Adjourns**

Thursday, April 10

Noon **Recap from Session 1, Agenda for Session 2, Q&A**

12:15 p.m. **Modern Utility Rate Design**

- Two Part vs Three Part Rates
- Time of Use Rates
- Dynamic Pricing

1:00 pm **Break**

1:10 pm **Considerations & Examples**

- Aligning Wholesale & Retail Rates
- Utility Rate Designs
- Other Offerings & Incentives

1:30 pm **Advantages, Disadvantages & Other Factors**

- Changing Power Supply
- Changing Customer Profiles
- Forecasts & Analysis
- Finding the Right Fit

2:00 pm **Break**

2:10 pm **Outlook for the Future**

- Emerging Rate Designs
- Future Developments

2:45 pm **Wrap Up, Q&A, and Evaluation**

3:00 pm **Day 1 Adjourns**

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Learning Outcomes

Upon completion of this course, participants will be able to successfully:

- Summarize the fundamental principles that underlie sound rate design for electric utilities
- Explain the latest rate designs for customer charges, demand charges, time of use rates, distributed generation, three-part rates, and other electric rate options for various customer classes
- Differentiate between fixed costs and variable costs
- Quantify the cost recovery exposure associated with rate designs that do not align with cost causation
- Recognize components of the modern grid and drivers for recent advancements
- Identify which emerging rate designs are the best fit for a particular utility and its present circumstances
- Apply rate design concepts to address dynamic qualities of modern grid components while also strengthening financials, meeting customer needs, and educating all public power stakeholders in the community