

Electric Utility Industry Overview

Recommended CEUs .7/PDHs 6.5/CPEs 7.8
Field of Study: Specialized Knowledge

Monday

8:30 a.m. Section One

- Course Introduction and Overview
- Discussion of Learning Objectives
- Overview of Industry Participants
 - Investor-Owned Utilities
 - Rural Electric Cooperatives
 - Merchant Generators
 - Public Power Utilities and Their Joint Action Agencies

10:00 a.m. Break

10:15 a.m. Section Two

- Types of Electricity Generation (fossil fuel and renewable energy Sources) and Exploring Historical Usage & New Developments
- Electricity Transmission System and Reviewing the Participants & Markets for Wholesale Power Supply

Noon Lunch (*on your own*)

1:00 p.m. Section Three

- Components of the Local Distribution System, including Substations, Transformers, Wires, and Meters
- Issues and Challenges Impacting Today's Electric Utility Industry

3:00 p.m. Break

3:15 p.m. Section Four

- Understanding the Public Power Advantage, including Local Control Presence and Values
- Review of Organizations and Resources Available to Help Public Power Utilities Foster a Culture Committee to Excellence in Customer Service

4:30 p.m. Adjourn for the Day

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

1. Identify the types of industry participants and explain their similarities and differences.
2. Explain the elements of the electric utility regulatory structure and identify the jurisdictions of the various federal, state and local agencies.
3. List the types of electricity generation.
4. Identify the components of the electricity transmission and distribution systems.
5. Define the wholesale power market and its role in public power.
6. Identify the regulatory, financial, and technology issues and challenges impacting the electric utility industry in general and the public power sector specifically.
7. Explain the advantages of living and working in a public power community.