Courses
Accounting
Electric Utility 101
Cost of Service & Rate Design
Applied Electrical Distribution Theory
Electrical Distribution Principles, Applications and Improvements

Certificate Programs
Energy Efficiency Management
Public Power Manager

Save $100 when you attend more than one course!
Learn Together, Grow Together

The American Public Power Association’s seasonal education institutes offer in-depth training courses for all skill levels. Institutes allow attendees to focus on a single topic or spend the week in multiple classes for more comprehensive training.

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<td>Work Order &amp; Asset Management</td>
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<tr>
<td>Cost of Service</td>
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<td>Intermediate Cost of Service: Implementation and Best Practices</td>
<td>Strategic Rate Design: Trends and Distributed Generation Impacts (1.5 days)</td>
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<tr>
<td>Public Power</td>
<td>Electric Utility Industry Overview</td>
<td>Financial Planning, Budgeting and Performance (half day)</td>
<td>Strategic Leadership for Public Power (3.5 days)</td>
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<td>Manager Certificate</td>
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<td>Technical Training</td>
<td>Applied Electrical Distribution Theory</td>
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For detailed course and instructor information, visit [www.PublicPower.org](http://www.PublicPower.org) under Institutes & Certificates.
Public Utility Accounting

Monday, May 6 – Tuesday, May 7
Monday: 8:30 a.m. – 5 p.m.
Tuesday: 8 a.m. – 4 p.m.

Recommended CEUs 1.3/PDHs 13/CPEs 15
Field of Study: Accounting

This foundational class is designed around the Federal Energy Regulatory Commission Uniform System of Accounts, covering every relevant FERC account. Review the proper usage of each account, the role of accounting in public utilities, preparation of FERC-based income statements and balance sheets, the supporting charts of accounts, and proper coding for all FERC account activities.

Instructor: Jerry McKenzie, Senior Associate, MGT Consulting Group

Work Order and Asset Management Accounting

Wednesday, May 8
8:30 a.m. – 4:30 p.m.

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

Learn how to coordinate operations and finance processes to accurately account for projects. Work through the necessary steps to report utility construction costs and differentiate between capital construction and maintenance costs. Learn about practical industry processes, through real-world utility examples of the day-to-day realities of accounting for utility construction costs.

Instructor: Russ Hissom, CPA, CIA, CISA, Partner, Energy and Utilities Group, Baker Tilly

Advanced Public Utility Accounting

Thursday, May 9 – Friday, May 10
Thursday: 8:30 a.m. – 4 p.m.
Friday: 8 a.m. – 3:30 p.m.

Recommended CEUs 1.2/PDHs 11.75/CPEs 14
Field of Study: Accounting

This practical course examines the more complicated aspects of accounting theory and practice to inform planning and decision-making and help execute your day-to-day work more efficiently and effectively. Discuss how accounting principles and practices impact financial reporting to internal and external stakeholders. Learn about industry trends, new accounting standards, and strategies for ensuring future financial success.

Instructors: Russ Hissom, CPA, CIA, CISA, Partner, and Bethany Ryers, CPA, Senior Manager, Energy and Utilities Group, Baker Tilly
Basic Cost of Service: Concepts and Rate Planning

Monday, May 6
8:30 a.m. – 4:30 p.m.

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

Explore the ins and outs of cost of service—from basic concepts to leveraging data for decision making. Learn how to determine revenue requirements and key financial targets and relate them to cost of service. Find out how to develop a long-term rate plan and use financial targets to determine customer rates, borrowing needs, and capital improvements.

Instructor: Dawn Lund, Vice President, Utility Financial Solutions

Intermediate Cost of Service: Implementation and Best Practices

Tuesday, May 7 – Wednesday, May 8
8:30 a.m. – 5 p.m. both days

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

Understand how to apply cost of service and rate design principles and processes to electric, water, sewer, gas, and other municipal services. Develop a fully functional and unbundled cost of service study. Do a cost analysis deep dive and learn from real-world examples and best practices.

Instructors: Phil Euler, P.E., Manager of Engineering Services, NMPP Energy; and Dan Kasbohm, Rates Manager, Utility Financial Solutions

Strategic Rate Design: Trends and Distributed Generation Impacts

Thursday, May 9 – Friday, May 10
Thursday: 8:30 a.m. – 4:30 p.m.
Friday: 8:30 a.m. – Noon

Recommended CEUs 1/PDHs 10.25/CPEs 12.2
Field of Study: Specialized Knowledge

The electric industry is changing, and policies related to customer rate structures are no longer consistent with how a utility’s costs are incurred. Learn how to send proper price signals and how social and environmental objectives may factor into rate designs. Review rate trends and strategies and hear how others are integrating distributed energy resources and restructuring rates for electric vehicles, solar valuation and fixed and variable cost recovery.

Instructor: Mark Beauchamp, CPA, CMA, MBA, President, Utility Financial Solutions
Certificate Programs

Energy Efficiency Management Certificate Program

Monday, May 6 – Friday, May 10
8:30 a.m. – 4:30 p.m. each day

Recommended CEUs: 7/PDHs: 6.5/CPEs: 7.8 (per class)
Field of Study: Specialized Knowledge

This program covers all aspects of energy efficiency portfolio and program planning, implementation, and evaluation, preparing you to help residential, commercial, and industrial customers save energy, while enjoying high reliability and quality service. Earn your Energy Efficiency Management Certificate by completing the five required courses and then (within a year) pass an online exam and submit an energy efficiency program plan.

Courses can be taken individually or together as part of the certificate program:

- Electric Utility Industry Overview: Strategic Challenges and Trends (May 6)
- Energy Efficiency: Concepts and Strategies (May 7)
- Designing Efficiency Programs to Serve Your Customers (May 8)
- Energy Efficiency Program Implementation, Reporting and Evaluation (May 9)
- Emerging Trends and Opportunities in Energy Efficiency and Distributed Energy Resources (May 10)

Instructors: Dan Fredman, Ph.D., Consultant; Elizabeth Palchak, Ph.D., Consultant, and Carol Weston, Director, Programs and Implementation—Vermont Energy Investment Corporation; and R. John Miner, President, Collaborative Learning Inc.

Public Power Manager Certificate Program

Monday, May 6 – Friday, May 10

Monday: 8:30 a.m. – 4:30 p.m.
Tuesday: 8:30 a.m. – Noon; 1:30 – 5 p.m.
Wednesday – Thursday: 8:30 a.m. – 4:30 p.m.
Friday: 8 a.m. – 3 p.m.

CEU/PDH/CPE credits vary by class length (see website for details)

This unique (and highly interactive) program is designed specifically for public power managers and supervisors interested in improving their management, communications, leadership knowledge and skills. Learn how to provide organizational direction, while navigating a changing and complex industry environment. Earn your Public Power Manager Certificate by completing the three required courses and then (within a year) submit a project that applies principles from the six key leadership dimensions learned in class.

Courses can be taken individually or together as part of the certificate program:

- Electric Utility Industry Overview: Strategic Challenges and Trends (May 6)
- Financial Planning, Budgeting and Performance: What Managers Need to Know (May 7 – half day)
- Strategic Leadership for Public Power (May 7 – 10)

Instructors: Betsy Aylin, Ph.D., Consultant, R. John Miner, President, and Mike Renquist, Organizational Consultant—Collaborative Learning Inc.; and Mark Beauchamp, CPA, CMA, MBA, President, Utility Financial Solutions
Applied Electrical Distribution Theory

Monday, May 6
8:30 a.m. – 4:30 p.m.

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

Learn the fundamentals of electric circuit theory and the application of theory to electric utility distribution systems. Review the relationships between voltage, current, resistance and reactance, real and reactive power in single-phase and three-phase alternating current circuits. Perform some commonly encountered AC circuit calculations.

Instructor: M. Thomas Black, P.E., Management Consultant, Collaborative Learning, Inc.

Electrical Distribution Principles, Applications and Improvements

Tuesday, May 7 – Friday, May 10
Tuesday – Thursday: 8:30 a.m. – 4:30 p.m.
Friday: 8:30 a.m. - Noon

Recommended CEUs 2.2/ PDHs 22/CPEs 26.4
Field of Study: Specialized Knowledge

Receive a comprehensive and practical overview of electric utility distribution. Learn about electrical distribution system planning, design and operating criteria, as well as principles and practices related to customer loads and services, grounding, voltage regulation, insulation coordination, overvoltage protection, and overcurrent protection.

Review overhead, underground, and network distribution characteristics, advantages and disadvantages, components, and equipment, as well as distribution system performance and improvement.

Instructor: M. Thomas Black, P.E., Management Consultant, Collaborative Learning, Inc.

For detailed course and instructor information, visit www.PublicPower.org/Academy under Institutes & Certificates.
In-House Training 2019

We can bring these courses to your location—a convenient and cost-effective option for groups. Contact the Association’s Education Department for details (EducationInfo@PublicPower.org).
Registration & Hotel Information

Registration Fees
Register online at www.PublicPower.org/Academy under Institute & Certificates.

Pricing
Individual course prices increase by $50 after April 15. Certificate program package prices increase by $250.

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<th>Course Type</th>
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<tr>
<td>Half day class</td>
<td>$350</td>
<td>$700</td>
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<tr>
<td>1 day class</td>
<td>$625</td>
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<td>1.5 day class</td>
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<td>2 day class</td>
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<td>3.5 day class</td>
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<td>4 day class</td>
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<tr>
<td>5 day certificate program*</td>
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*Covers the cost of the courses, program enrollment fee, study material, post-course project/exam grading, and graduation plaque.

Hotel Information
All courses will be held at the Omaha Marriott Downtown at the Capitol District (222 North 10th Street, Omaha, NE 68102).

APPA Room Rate/Cut-off Date
$169 per night (plus tax) before April 15

Registration Discounts
- Save $100 when you register for more than one course
- Save $50 (per class) by registering before April 15

Meals
A continental breakfast, beverage breaks, and an afternoon snack are included in the registration fee. All other meals are on your own.

Questions?
Contact EducationInfo@PublicPower.org or 202-467-2965.