

May 04 – 08
2020

THE ACADEMY

Spring Education Institute

Columbus, Ohio

Save **\$50** per class
when you register
by April 13!

Courses

Accounting

Strategic Trends and
Challenges for Public Power

Financial Planning, Rate Design,
& Cost of Service **REVAMPED!**

Distributed Energy Resources **NEW!**

Electrical Distribution Applications
and Improvements

Certificate Program

Public Power Manager

PublicPower.org

AMERICAN
PUBLIC POWER
ASSOCIATION
80 Years of Powering Strong Communities

Save **\$50** per class
when you register
by April 13!

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.

	Monday 5/4	Tuesday 5/5	Wednesday 5/6	Thursday 5/7	Friday 5/8
Accounting	Public Utility Accounting		Work Order & Asset Management	Advanced Public Utility Accounting	
Financial Planning, Rate Design, & Cost of Service	Cost of Service Workshop: Implementation and Applications		Financial Planning and Future Rate Design Strategies		
Distributed Energy Resources		Distributed Energy Resource Fundamentals	Electric Vehicles 101	Preparing for Energy Storage (1.5 days)	
Public Power Manager Certificate Program	Strategic Trends and Challenges for Public Power (half day) Financial Planning, Management, and Budgeting (half day)	Strategic Leadership for Public Power (3.5 days)			
Technical Training	Applied Electrical Distribution Theory	Electrical Distribution Principles, Applications and Improvements (3.5 days)			

For detailed course and instructor information, visit www.PublicPower.org under **Institutes & Certificates**.

Accounting

Earn CPE credits

Public Utility Accounting

Monday, May 4 – Tuesday, May 5

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 6

8:30 a.m. – 4:30 p.m.

Recommended CEUs .6/PDHs 6/CPEs 7.2

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, CRMA, Partner Emeritus, Energy and Utilities Group, Baker Tilly

Advanced Public Utility Accounting

Thursday, May 7 – Friday, May 8

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

Financial Planning, Rate Design, & Cost of Service

Interactive courses full of real-world examples and exercises

Cost of Service Workshop: Implementation and Applications

Monday, May 4 – Tuesday, May 5

8:30 a.m. – 5 p.m. both days

Recommended CEUs 1.3/PDHs 13/CPEs 15

Field of Study: Specialized Knowledge

Explore the ins and outs of cost of service — from key concepts to the nuts and bolts of working through a cost of service model. Get hands-on experience working with an actual Excel model to apply cost of service and rate design principles and processes to electric, water, sewer, gas, and other municipal services. Complete the step-by-step process of putting a cost of service study together and review how to develop a fully functional and unbundled cost of service study. As you explore what it takes to do a thorough cost analysis, gain lessons learned from real-world examples.

Instructors: Phil Euler, P.E., President, Euler Consulting; and Dan Kasbohm, Rates Manager, Utility Financial Solutions

Financial Planning and Future Rate Design Strategies

Wednesday, May 6 – Thursday, May 7

8:30 a.m. – 4:30 p.m. both days

Recommended CEUs 1.2/PDHs 12/CPEs 14.4

Field of Study: Specialized Knowledge

Get practical insights on how other utilities are integrating distributed energy resources and restructuring rates for electric vehicles and solar valuation. From how to send proper price signals to finding meaning in customer usage patterns, learn how to take a proactive approach to restructuring rates to recover fixed and variable costs and developing a long-term financial strategy for your utility that aligns with the social and environmental objectives of your community. Learn how to assess your utility's financial stability against industry guidelines and key financial targets and put a plan in place to reach recommended targets.

Instructors: Mark Beauchamp, CPA, CMA, MBA, President, and Dawn Lund, Vice President, Utility Financial Solutions

Distributed Energy Resources

New courses!

Distributed Energy Resource Fundamentals: Concepts and Planning

Tuesday, May 5

8:30 a.m. – 4:30 p.m.

Recommended CEUs .6/PDHs 6/CPEs 7.2
Field of Study: Specialized Knowledge

Get a comprehensive overview of the DER landscape, use cases, potential grid services, market players, and costs of DERs and discuss how to incorporate them into your strategic planning. Learn how new DERs are proliferating and impacting energy production, storage, management, and transactions. Discuss new technologies, new types of customers, changing customer expectations, new market participants, and evolving business models. Get insights on dealing with the challenges of lost revenue and increased costs and complexities while taking advantage of opportunities to diversify your business, upgrade your systems and operations, and respond to your customers and communities.

Instructor: Steve Collier, Vice President of Business Development, Conexon, LLC

Electric Vehicles 101: Getting Ready for Transportation Electrification

Wednesday, May 6

8:30 a.m. – 4:30 p.m.

Recommended CEUs .6/PDHs 6/CPEs 7.2
Field of Study: Specialized Knowledge

This practical primer will get you up to date on EV market trends, charging technology, and policies impacting adoption. Learn what other public power utilities across the country are doing, including collaborating with charging industry partners and incorporating EVs into smart city concepts.

Instructors: Charlotte Ancel, Vice President, and Mike Waters, Director of Utility Solutions, ChargePoint

Preparing for Energy Storage: Trends and Practical Applications

Thursday, May 7 – Friday May 8

Thursday: 8:30 a.m. – 4:30 p.m.

Friday: 8:30 a.m. – Noon

Recommended CEUs .9/PDHs 9.25/CPEs 11
Field of Study: Specialized Knowledge

Take an in-depth look at the gamut of energy storage technologies and how the costs, practical applications, and limitations of each should factor into your long-term decisions and investments. Examine trends related to this increasingly competitive market, prospects for future growth, and regulations that could support or hinder public power in effectively deploying storage. Also review best practices and platforms for implementing battery storage in utility portfolio planning, in supporting intermittent renewable resources, and in providing other grid services.

Instructor: Peter Kelly-Detwiler, Co-Founder, NorthBridge Energy Partners

Public Power Manager Certificate Program

Develop specialized skills

Monday, May 4 – Friday, May 8

8 a.m. – 4:30 p.m. Monday – Thursday

8 a.m. – Noon on Friday

Recommended CEUs 2.8/PDHs 27.75/CPEs 33.2

Field of Study: Specialized Knowledge

With ever-increasing pressures and challenges on utilities from heightened customer expectations, changing regulations, technology advances, and a changing workforce, those who lead and manage public power utilities must be equipped with the knowledge and skills to create an effective and sustainable organization with engaged, skilled and committed employees. The Public Power Manager Certificate Program is designed for a new generation of leaders as well as existing supervisors and managers. Participation in this highly interactive program developed specifically for public power will help leaders provide organizational direction as they navigate a changing and complex industry environment.

Earn your Public Power Manager Certificate by completing the three required courses and then (within 6 months) complete a project.

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

- Strategic Trends and Challenges for Public Power (May 4 – Morning)
- Financial Planning, Management, and Budgeting: What Managers Need to Know (May 4 – Afternoon)
- Strategic Leadership for Public Power (May 5 – 8)

Instructors: Betsy Aylin, Ph.D., Executive Consultant, Mike Renquist, D.Min., Organizational Consultant, R. John Miner, P.E., President, Collaborative Learning, Inc.; and Dawn Lund, Vice President, Utility Financial Solutions

2020 | THE ACADEMY In-House Training

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).

Technical Training

Earn PDH credits

Applied Electrical Distribution Theory

Monday, May 4

8:30 a.m. – 4:30 p.m.

Recommended CEUs .6/PDHs 6/CPEs 7.2

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, and real and reactive power in single-phase and three-phase alternating current (AC) circuits. Participants will perform some commonly encountered AC circuit calculations that are used to determine conductor and equipment ampacity ratings, circuit voltage drop, power factor, energy losses, and customer load estimation. Learn from real-world examples, participate in group discussions, and work through practical design problems to help apply knowledge.

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

Electrical Distribution Principles, Applications, and Improvements

Tuesday, May 5 – Friday, May 8

Tuesday - Thursday: 8:30 a.m. – 4:30 p.m.

Friday: 8:30 a.m. – Noon

Recommended CEUs 2.1/PDHs 21.25/CPEs 25.5

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.

This course features the application of online software to complete selected calculations including transformer and conductor sizing, voltage drop, fault current, and loss analysis.

Instructors: M. Thomas Black, P.E., Management Consultant, and R. John Miner, P.E., President, Collaborative Learning, Inc.

For detailed course and instructor
information, visit [www.PublicPower.org/](http://www.PublicPower.org/Academy)
Academy under **Institutes & Certificates**.

Registration & Hotel Information

Register online at www.PublicPower.org/Academy under Institutes & Certificates.

Pricing

For pricing, visit our website. Individual course prices increase by \$50 after April 13. The certificate program package price increases by \$150.

	Members	Nonmembers
1 day class	\$675	\$1,350
1.5 day class	\$895	\$1,790
2 day class	\$1,045	\$2,090
3.5 day class	\$1,845 – \$2,100	\$3,690 – \$4,200
5 day certificate program package*	\$2,900	\$5,800

*Covers the cost of the courses, program enrollment fee, study material, post-course project review, and graduation plaque.

Hotel Information

All courses will be held at the Hyatt Regency Columbus (350 N High Street, Columbus, Ohio 43215).

APPA Room Rate/Cut-off Date

\$173 per night (plus tax) by April 13. Be sure to make your reservations early as rooms could sell out before this date. Contact the hotel directly at (614) 463-1234 or visit our website to make online reservations.

Meals

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

Questions?

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



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