



Wisconsin Public Utility Institute
UNIVERSITY OF WISCONSIN-MADISON

ENERGY UTILITY BASICS

**Intensive course on fundamental concepts critical
for working in today's energy industry.**

Participants will receive an historical overview of the electric and natural gas industries, gain insights into the regulatory process, analyze and discuss current issues facing the energy industry, and more.

Who should attend:

Energy Utility Basics is intended for anyone working in the energy industry. This may include utility employees, legislative and regulatory staff, state and local government personnel, consumer and trade-industry groups, industry-affiliated attorneys, and university staff/students. Attendees improve their grasp of how all pieces of the energy puzzle fit together.

Why Energy Utility Basics?

Course content is updated annually as technology, regulation, and markets evolve. Attendees will obtain practical knowledge of the operations and technology of the electricity and natural gas industries from extraction, whether from the ground or from renewables, to the customer's bill. Continuing education units (CEUs) will be available.

**Hybrid
Program
October 7-11, 2024**

**For Course and Fee
Information,
Visit Our Website:
wpui.wisc.edu**



ENDORSED BY
NARUC
National Association of
Regulatory Utility Commissioners

**Questions?
Contact Lori Sakk
608-890-1815
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Sessions include:

- Overview of the Electricity Industry
- Utility Company Models
- Public Service Commission—Roles and Rules, Balance of Power
- Independent System Operator/Regional State Committee
- Energy and Electricity
- Systems within the Electric Utility Business
- Day in the Life of a Transmission Operator, a Distribution Company, and a Gas Company
- Essentials of Costing and Pricing
- Strategies for Addressing Fixed Cost Recovery Issues
- Performance-based Regulation
- What Drives Utility Stock Prices?
- Changing Customer Expectations
- What Everyone Ought to Know about Gas
- Natural Gas Markets and Prices
- Smaller Carbon Footprint and Enabling Technologies: Biogas, Electrification, Wind, Energy Efficiency, Energy Storage, Solar
- Legal Issues Facing the Utility Industry
- In-Person Tour: UW-Madison's Heating/Cooling Plant
- Virtual Tours: UW-Madison's Nuclear Reactor; Madison Gas and Electric Renewable Projects