WEI PROGRAM OVERVIEW

2019 AT A GLANCE: BY THE NUMBERS

- **+45** UNIQUE PROGRAMS
- **+5,300** PROGRAM PARTICIPANTS
- **+103,500** TOTAL INSTRUCTIONAL HOURS

We host over 100 programs a year, from small-sized executive forums to large-sized industry conferences; from one-day meetings to five-day schools. Each year, our programs bring together over 5,300 energy professionals. Simply put, we offer something for everyone in the electric and natural gas utility industries. Each of our programs fall into one of the following four categories.

- **Executive Forums, 28%**
  Peer-to-peer sharing around specific functional areas. Open to leaders at Member energy companies who work in the forum’s functional area.

- **Executive Leadership Summits, 8%**
  Strategic executive-level programs and development opportunities for Member energy and service companies.

- **Industry Forums, 17%**
  Peer-to-peer sharing around broad functional areas. Open to energy and service companies.

- **Skills Development, 48%**
  Hands-on training workshops and schools to teach essential skills. Open to energy and service companies.

SCHEDULED UPCOMING PROGRAMS

Don’t see what you’re looking for? WEI programs are scheduled continually throughout the year and additional program dates and locations are announced regularly. Please visit westernenergy.org/programs for the most up-to-date listing.

Feb 5-7 | Tempe, Ariz.  
Corporate Communications  
Contact: Kristen Paul  
paul@westernenergy.org

Feb 6-7 | Albuquerque, N.M.  
General Counsel  
Contact: Amy Nye  
nye@westernenergy.org

Feb 11-12 | Tempe, Ariz.  
Accounting Leadership  
Contact: Amy Nye  
nye@westernenergy.org

Feb 12 | Portland, Ore.  
Gas Utility Fundamentals + Insights  
Contact: Eric Christenson  
christenson@westernenergy.org

Feb 13 | Portland, Ore.  
Electric Utility Fundamentals + Insights  
Contact: Eric Christenson  
christenson@westernenergy.org

Feb 25-26 | San Diego, Calif.  
ICS Leadership  
Contact: Beverly Woolf  
woolf@westernenergy.org

Feb 26-27 | Los Angeles, Calif.  
Fleet Management  
Contact: Traci Pepper  
pepper@westernenergy.org

Mar 8-9 | Portland, Ore.  
Chief Information Officer  
Contact: Amy Nye  
nye@westernenergy.org

Mar 9-11 | Portland, Ore.  
Customer + Corporate Symposium  
Contact: Amy Nye  
nye@westernenergy.org

Mar 11-12 | Portland, Ore.  
Customer Connections  
Contact: Beverly Woolf  
woolf@westernenergy.org

Mar 15-20 | Pullman, Wash.  
Hands-On Relay School  
Contact: Diana Zoren  
zoren@westernenergy.org

Apr 1-2 | Portland, Ore.  
Renewable Natural Gas  
Contact: Kris Taylor  
taylor@westernenergy.org

Apr 1-3 | Boise, Idaho  
Claims + Damage Recovery  
Contact: Amy Nye  
nye@westernenergy.org

April 13-14 | Boise, Idaho  
Emergency Response + Assistance Practices  
Contact: Beverly Woolf  
woolf@westernenergy.org

Apr 14-17 | Boise, Idaho  
Operations Conference  
Contact: Eric Christenson  
christenson@westernenergy.org

May 5-6 | Boise, Idaho  
Human Resources  
Contact: Jessica Grant  
grant@westernenergy.org

May 6-7 | Tempe, Ariz.  
Supply Chain Strategies  
Contact: Christopher Lee  
lee@westernenergy.org

May 6-8 | Spokane, Wash.  
Energy Management  
Contact: Kristen Paul  
paul@westernenergy.org

May 12-13 | Portland, Ore.  
Executive Planning Committee  
Contact: Eric Christenson  
christenson@westernenergy.org

June 22-26 | Wilsonville, Ore.  
Power Quality School  
Contact: Diana Zoren  
zoren@westernenergy.org

Sep 13-15 | Seattle, Wash.  
Annual Meeting  
Contact: Anna Sanger Reed  
sangerreed@westernenergy.org

Sep 15-18 | St. Louis, Missouri  
Joint Use Conference  
Contact: Diana Zoren  
zoren@westernenergy.org

Sep 23-25 | Spokane, Wash.  
Secondary Network  
Contact: Traci Pepper  
pepper@westernenergy.org

Nov 4-6 | Austin, Texas  
Women in Energy Symposium  
Contact: Beverly Woolf  
woolf@westernenergy.org
EXECUTIVE LEADERSHIP SUMMITS

ANNUAL MEETING

This three-day event brings together the West's natural gas and electric utility executive community to encourage discussion and foster new opportunities. Learn from subject matter experts regarding imminent opportunities and the challenges pressing utilities to adapt and flex in uncharted territories for best-in-class utility management. Topics covered in recent years include customer relations, global economic insights, new business models for utilities in a carbon constrained world, opportunities and challenges of big data, energy supply and demand forecasting, and visions for the utility of the future. This meeting coincides with the semi-annual WEI Board Meeting and the Business Acumen for Emerging Leaders team presentations.

BOARD OF DIRECTORS

The Board of Directors convene twice a year to evaluate WEI's accomplishments and determine the direction of the association. The first meeting is held in January and the second meeting coincides with the WEI Annual Meeting to evaluate the organization at the end of WEI's fiscal year. Both agendas are developed by the WEI President and the Board Chair to deliver proactive discussions and identify strategic drivers that influence energy utilities throughout North America. These meetings serve as educational sessions, business meetings and opportunities to network with the West's natural gas and electric utility executive community.

BUSINESS ACUMEN ALUMNI SUMMIT

The Business Acumen Alumni Summit is designed to reconnect graduates of WEI’s Business Acumen for Emerging Leaders (BAEL) program. Our goal is to offer opportunities that allow alumni to continue their development, expand their network, and share stories on leadership and industry trends. The summit is also an opportunity for alumni to provide input and feedback on their BAEL experience to help improve the program for the next wave of leaders in our industry.
EXECUTIVE LEADERSHIP SUMMITS

Strategic executive-level programs and development opportunities for WEI Members.

BUSINESS ACUMEN FOR EMERGING LEADERS

An intensive training program for high potential managers and supervisors through exposure to broad perspectives of the utility business, its interrelationships and successful leadership strategies. This program is designed by a utility-driven Curriculum Development Team, and directed by facilitators and executive and alumni mentors. Program sessions are hosted by member utilities and topics are presented by executives, subject matter experts and formal instructors. The first four sessions focus on leadership development, industry perspectives, customer connections and communications, and strategic planning. The program includes a capstone project which is delivered to industry leaders at the WEI Annual Meeting. Participants build a broad peer network that continues well into their future careers.

EXECUTIVE PLANNING COMMITTEE

The Executive Planning Committee (EPC) is a distinctive group of senior energy leaders who meet annually to bridge the strategic vision of the WEI Board of Directors and Board Committees, with content and planning for individual programs. Attendees work together on how to best combine efforts and leverage resources into creating educational track content at both the Customer + Corporate Symposium and the Operations Conference. EPC Members are a critical link between WEI and their own organizations, helping match the right people with existing WEI programs and recommending new programs to help meet their organizations’ needs.

WOMEN IN LEADERSHIP: MENTORING + DEVELOPMENT

The utility energy workforce is typically only about 25 percent women, as compared to the general population where women make up roughly half of the total workforce. This mentorship program addresses some of the opportunities and challenges that women face working in the energy industry, advocates for workplace inclusion and teamwork, and discusses critical issues related to attracting and maintaining a diverse workforce. Formal opportunities for mentorship provide women in the industry with support for increased retention and satisfaction. Mentors and mentees are matched up across utilities and then connect over an eight-month period with two in-person meetings: once at an executive forum in May and once at the WEI Annual Meeting in September.
### ACCOUNTING LEADERSHIP

Accounting leaders play a pivotal role in the strategic direction and growth of their utilities. This forum provides a unique opportunity for senior leaders to come together in an exclusive peer-to-peer environment to address challenges and explore best practices in all issues related to accounting management.  

*Meets annually in February*

### BUSINESS ANALYTICS

Utilities find themselves inundated with a huge diversity of data across all lines of their business. Business analytics professionals are a critical link to analyzing and interpreting information in order to improve systems and operations, maintain organizational health and ultimately improve the bottom line. These professionals gather semi-annually to discuss asset management, business intelligence, call center metrics and dashboard insights, enterprise risk management, key metrics, pricing and rate strategies for leveraging smart grid investments, and project management best practices.  

*Meets biannually in March + September/October*

### CHIEF INFORMATION OFFICER

CIOs navigate everyday challenges related to grid implementation, cybersecurity and data integrity. In addition to the natural leadership pressures of any executive position, CIOs lead the charge for building visionary plans to embrace emerging technology, oversee policy development, and direct the implementation of systems and processes for the control and exchange of information. As such, CIOs increasingly seek novel approaches to enhance efficiency, responsiveness, innovation and adaptability. This forum provides a unique opportunity for utility CIOs to come together in an exclusive peer environment to address these challenges.  

*Meets biannually in March/April + September*

### CORPORATE COMMUNICATIONS

Internal and external communication professionals in the utility industry face a variety of challenges in supporting their organizations’ strategic plans, particularly as the utility workforce undergoes significant transformation, communication channels multiply, and utilities face increasing competition. This semiannual forum provides a unique, collaborative space for leaders in corporate communications to discuss these challenges and communications best practices. Recent topics of discussion include executive communications strategy, communicating with employees in the field, stakeholder engagement, crisis communication and communicating strategic plans.  

*Meets biannually in February + September*

### CORPORATE PERFORMANCE MANAGEMENT

Today’s energy businesses face increasing competition and must have a clear understanding of performance to constantly improve operational excellence and efficiency. Corporate Performance Management participants represent influential leaders in the strategic development and implementation of performance measurement systems, tools and approaches, as well as metric development, assessment and reporting, and sustained performance improvement. Discussions focus on promoting a scalable performance culture in order to provide enhanced business results, and presentations feature case studies on benchmarking, performance measurement and reporting strategies, business transformation, and change management.  

*Meets biannually in March + September/October*
## EXECUTIVE FORUMS

Peer-to-peer sharing around specific functional areas. Open only to WEI energy company members.

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<tr>
<th>CUSTOMER CONNECTIONS</th>
<th>Meets annually in February/March</th>
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<tr>
<td>Customer-focused utility executives gather annually to discuss current topics and best practices surrounding pressing issues in their departments. Roundtable topics from recent offerings include CIS implementations, satisfaction surveys, customer experience, multi-generational workforce, migration to online self-serve options, outage restoration communications, outsourcing call center care, social media strategies, and employee safety and comfort.</td>
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<th>ENERGY MANAGEMENT</th>
<th>Meets biannually in May + October/November</th>
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<td>Professionals in natural gas energy supply, transportation and storage gather for presentations and roundtable discussions focused on Western North America’s demand outlook and factors expected to influence the cost of delivering natural gas. This collaborative atmosphere, combined with attendees’ high levels of expertise, leads to complex and analytical discussions regarding long-term forecasts, international energy supply, LNG updates, the price of carbon, renewable developments, electric/gas convergence issues, and the influence of storage and infrastructure projects.</td>
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<th>GENERAL COUNSEL</th>
<th>Meets biannually in January/February + August/September</th>
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<td>This forum provides a unique, collaborative space for engaged dialogue between energy company general counsels. Content includes traditional challenges common to all executives including managing legal teams, budget pressures, succession planning and risk management. In addition to sharing best practices for the traditional executive role, the program regularly invites guest speakers to discuss specific contemporary legal issues relevant to the energy industry and the effective use of outside counsel. Specific topics are chosen directly by program participants in advance of each meeting.</td>
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<th>HUMAN RESOURCES</th>
<th>Meets biannually in May + November</th>
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<td>This semi-annual program provides a roundtable opportunity for human resource leadership to address contemporary, strategic issues for human resource management. Regardless of company size or structure, energy industry human resource professionals face complex challenges related to recruitment and retention, employee assessment and training, succession planning, and maintaining safe and compliant business practices. This program considers strategic inclusions such as collective bargaining agreements, benefits, employee diversity, performance management, compensation policies and change management.</td>
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<th>INTEGRATED RESOURCE PLANNING</th>
<th>Meets biannually in April + October/November</th>
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<td>An integrated resource plan (IRP) isn’t just a plan: it’s an involved process with multiple evaluation criteria that helps to determine both short and long term load growth. Through a broad analysis of supply-side and customer service options, an integrated resource plan comes into fruition. IRP professionals gather for peer support of this process and to better understand the challenges facing electric and natural gas providers in Western North America. Designed as a mix of interactive roundtable discussions and information-rich presentations, forum participants address topics such as resource management, data analysis and modeling, and stakeholder engagement.</td>
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KEY ACCOUNTS

Join key accounts directors and managers to share best practices and develop creative solutions to current challenges. General session presentations from industry leaders include ample Q&A time to offer insightful and relevant conversation, and concurrent breakout sessions for Key Account Team Directors/Managers and for Account Managers/Reps provide for a more intimate and focused conversation with peers. Overall program content covers a wide range of topics, including: alternative energy; customer appreciation and education; organizational approaches and metrics for managing KA departments; setting goals; business and economic development; and succession planning.

OPERATIONS BUSINESS STRATEGIES - ELECTRIC

Designed for electric utility executives, participants engage in best practice roundtables to address electric distribution system and substation reliability and safety. Members share benchmarking and performance study results spanning safety, workforce management, infrastructure improvements and overall performance excellence. The small size of this program provides a unique environment for collaborative thinking, open discourse and building long-term relationships.

OPERATIONS BUSINESS STRATEGIES - NATURAL GAS

Designed for natural gas utility executives, participants engage in discussion addressing operational best practices and contemporary experiences surrounding changes in regulation and safety, with emphasis on challenges related to transmission and distribution pipeline integrity.
MEET OUR ENERGY COMMUNITY*

*Data as of August 2019. Percentages are weighted to reflect number of employees per company.

RENEWABLE NATURAL GAS

Renewable Natural Gas (RNG) technologies present an opportunity for our members to produce a renewable product from organic material and supply it to their end use customers. Join other utility professionals responsible for RNG efforts at their companies as we discuss a wide range of strategic topics from policy, regulatory framework, economics, gas quality and other operational issues related to these efforts.

STRATEGIC PLANNING

WEI’s Strategic Planning program provides a forum for members responsible for their companies strategic plan to come together to discuss opportunities and threats, alternate business models, and tools and techniques for getting leadership to engage in strategic issues. This semiannual forum provides a collaborative space for members to share best practices and current issues, and to gain an enhanced perspective of strategic issues around the region.
This program brings together senior leaders responsible for wildfire planning and mitigation strategies at WEI Member companies for an interactive peer-to-peer session. We will focus on sharing and discussing best practices around strategies for planning, operations, technology, and other tactics to mitigate and plan for wildfires.
Emergency preparedness and business continuity planning is crucial to a timely response in the event of a disaster. This forum allows for open discussion on pressing topics surrounding utility emergency planning and operations. There is also ample time for networking to develop relationships that will prove beneficial to members in an emergency. Many participants of this meeting also attend the Western Region Mutual Assistance Agreement (WRMAA) each fall.

**CLAIMS + DAMAGE RECOVERY**

This program focuses on sharing best practices and building relationships with other leaders in claims and collection management, and offers insights from guest speakers who have been expert witnesses in claims investigations. Discussions address a wide variety of issues around balancing the need to protect utility assets with the ever-increasing priorities of providing an excellent customer experience. Participants learn from industry professionals who provide services to our members, and discuss issues common to Western utilities, such as fire and storm recoveries, inverse condemnation, settlement and negotiations, and proper record keeping.

**CUSTOMER + CORPORATE SYMPOSIUM**

Join over 250 energy professionals to discuss the latest industry trends and best practices in corporate and customer services. The diverse mix of presentations, Q&A panels, roundtable discussions, and networking allow attendees to share their experiences and develop contacts throughout the industry. Expect to gain applicable insights on a variety of topics including: customer experience; human resources; business intelligence; emerging technology; products and services; communications; and community relations. This program is an excellent professional development and organizational team-building opportunity. Vendors are encouraged to display.

**EMERGENCY RESPONSE + ASSISTANCE PRACTICES**

Meets annually in April

Emergency preparedness and business continuity planning is crucial to a timely response in the event of a disaster. This forum allows for open discussion on pressing topics surrounding utility emergency planning and operations. There is also ample time for networking to develop relationships that will prove beneficial to members in an emergency. Many participants of this meeting also attend the Western Region Mutual Assistance Agreement (WRMAA) each fall.
FLEET MANAGEMENT

This program provides fleet leadership professionals with an opportunity to discuss best practices, and share new processes and technologies. Participants work collaboratively to select topics that are relevant to all organizations with vehicle and equipment fleets. Strategic questions are addressed surrounding staff management, alternative fuel technology, vehicle replacement policy, the role of fleet within an organization, and tactical solutions for managing ever-changing fleet operations and administrative functions.

INCIDENT COMMAND SYSTEM (ICS) LEADERSHIP

Emergency events and integrated response requirements are increasingly dependent on energy company operations to provide core support in emergency management situations. Within an organization, formal ICS training strengthens the response to avoid emergencies developing into crises. WEI is supporting our Members as they build utility-based ICS training programs for their companies, using examples that are relevant to energy company employees for the best learning experience.

JOINT USE CONFERENCE

As new technology, new regulations and aging infrastructure continue to change the landscape of joint use, it becomes increasingly important for key stakeholders to foster open dialogue and collaborate to solve shared problems, focus on safety goals, and ensure the equitably of poles and other utility assets. Considered the premier joint use conference, content is designed for representatives from utility, telecom, wireless and broadband companies, as well as consultants and service companies who deal with joint use, pole ownership and attachments. The conference format provides a unique mix of presentations, dynamic power table topics, vendor displays and networking opportunities to exchange information and best practices.

OPERATIONS CONFERENCE

This conference brings together over 600 electric and natural gas operations senior leaders, managers, supervisors and front line employees for three days of networking and education across 16 tracks: 1) Damage Prevention; 2) Operational Leadership; 3) Workforce Development; 4) Safety + Health; 5) Safety Management Systems; 6) Asset Management; 7) NG Green Future; 8) NG D+T Emergency Response + Restoration; 9) NG D+T Construction + Maintenance; 10) NG Operational Excellence; 11) NG D+T Integrity Management; 12) Wildfire; 13) Electric Distribution; 14) Evolving Grid Operations; 15) Electric Substation; and 16) Electric Transmission. Engaging workshops and breakout sessions are complemented by thought-provoking general sessions. This conference is a must for all energy professionals. Limited vendor display booths and sponsorships are available.

OVERHEAD/UNDERGROUND ELECTRIC DISTRIBUTION

Electric utility professionals meet to discuss current standards, materials and maintenance for distribution operations. Agendas feature extensive roundtable discussion so that each delegate has an opportunity to submit questions and receive feedback from their peers. Presentations focus on new technologies, applications and specifications available for designing, building and maintaining overhead and underground lines. Case studies highlight best practices and lessons learned, and attendees leave with the practical knowledge to improve efficiency, safety and reduce costs. Participants also have the opportunity to preview vendor products and services. Vendors are encouraged to display.
## PROCUREMENT MANAGEMENT

Successful supply chain management relies on a well-developed infrastructure, appropriate tactical resources and thorough analysis. This process is multi-faceted and involves solid relationships within the utility, as well as strategic relationships with vendors to mitigate risk to the overall supply chain. This forum offers an opportunity for supply chain procurement managers and specialists to come together with their industry partners and suppliers for roundtable discussions and expert presentations. Topics include KPIs, supplier relationship management, sustainability, and best practices in purchasing and contracting. CEHs are offered for CPSMs through the Institute for Supply Management.

### Meets annually in September

## PROJECT MANAGEMENT

This forum provides an opportunity for project management leaders to share trade techniques, tools, practices, and change management and risk management methodologies. Hear real examples of representative projects, including those that were successful and those that did not achieve set goals. This program is hosted annually and led by a planning team who meet periodically throughout the year for roundtable discussions on current issues.

### Meets annually in September

## SAFETY SUMMIT

Safety is a paramount issue within the utility industry. Safety professionals work tirelessly to manage risk, avoid incidents and ensure safety through a variety of programs and initiatives geared toward employees and consumers. This summit is designed for gas and electric utility safety professionals, and spans across three unique, topical tracks: Safety Strategy and Policy, Electric Safety Work Methods, and Gas Safety Work Methods. Content is designed to promote safety culture through discussions related to the education and training that can influence utility operations, as well as address some of the challenges and successes associated with developing strategies.

### Meets annually in August/September

## SECONDARY NETWORK

Secondary networks are vital to systems that support power needs in urban areas. These interconnected pathways improve reliability, but are also complex to inspect and maintain. This annual forum addresses the reliability, safety and protection challenges of spot networks and grid systems that comprise the secondary network. Designed as an open forum, attendees are encouraged to bring their challenges and opportunities for discussion and to share best practices. Attendees also get the chance to tour the local vaults of the host organization.

### Meets annually in September

## UTILITY POLE + OVERHEAD SYSTEMS

This biennial program pairs informative educational sessions presented by industry experts with a trade show. More than 14 sessions are offered over two days to highlight new technologies and best practices, and to address challenges found with utility pole structures and related overhead systems. Engineers, operations and purchasing personnel from utilities and service companies across Western North America have the opportunity to network at the interactive trade show open throughout the conference. The trade show features more than 30 vendors offering hands-on demonstrations of the latest pole products and innovations in the industry. Vendors are encouraged to display.

### Meets biennially in September
In 2003, the Western Region Mutual Assistance Agreement (WRMAA) was signed as an effort for gas and electric utilities throughout Western North America to support one another in the event of an emergency affecting generation, transmission, distribution and/or services. Parties involved in the agreement convene every year at the WRMAA Annual Meeting to share best practices, discuss key emergency response issues, review the agreement itself, and name the annual custodian. If your employer is a party to the WRMAA, take advantage of this annual meeting to develop relationships and network with others involved in emergency response. Many participants also attend the Emergency Response + Assistance Practices program each spring.

Women are traditionally underrepresented in the energy industry, with an extreme disparity continuing into both leadership and trade positions. This program addresses some of the opportunities and challenges that women face working in the energy industry and advocates for workplace inclusion and teamwork. Open to both women and men, WEI members will join together for leadership training, education, networking and mentorship. Sessions include executive panels with both men and women, and roundtable discussions on internal support programs for diversity. With a growing emphasis on cross-functional teams and diverse skill sets, this program will support utility directives to build a cohesive workforce.
SKILLS DEVELOPMENT

Hands-on training schools and workshops to teach essential skills. Open to energy and service companies.

ELECTRIC UTILITY FUNDAMENTALS + INSIGHTS

This program provides utility and service company employees with a broad understanding of how the electric utility industry works and a better awareness of their own roles within their organizations. Topics include: Fundamentals of Electricity, Western North American Electricity Markets, How Utilities Make Money, Generation Choices, Emerging Opportunities + Customer Engagement, Distributed Energy Resources, and Integrated Resource Planning. This program is delivered three times per year as a one-day eight-hour class at the WEI office in Portland, Ore. Additionally, WEI provides nearly 50 customized classes hosted by WEI Member Companies on-site to provide a unique, individualized training experience for their employees.

GAS UTILITY FUNDAMENTALS + INSIGHTS

This program provides utility and service company employees with a broad understanding of how the gas utility industry works and a better awareness of their own roles within their organizations. Topics include: Natural Gas Industry Overview, Natural Gas Consumption, How Utilities Make Money, Natural Gas Operations, Regulations, Codes and Safety, and Emerging Issues. This program is delivered three times per year as a one-day eight-hour class at the WEI office in Portland, Ore. Additionally, WEI provides nearly 50 customized classes hosted by WEI Member Companies on-site to provide a unique, individualized training experience for their employees.

HANDS-ON RELAY SCHOOL

This professional training course is designed for relay technicians, electrical/power plant technicians, engineers and protective relay test specialists and offers students the opportunity to exchange ideas, resolve problems in open forums, and learn preventative and corrective methods through hands-on labs. Seven tracks are available: Basic, Distribution, Transmission, Generation, Electromechanical, Computerized Relay Testing and Theory. Students also attend six hours of open classroom lectures covering system protection topics, where they can select from 12 topic choices. The school is co-sponsored by Western Energy Institute and Washington State University. CEU credits are available.

Meets multiple times throughout the year

Meets annually in March
**SKILLS DEVELOPMENT**

**NORTHWEST ELECTRIC METER SCHOOL**

Operating in its 66th year, the school curriculum emphasizes the need for quality technical training as it relates to metering, while also integrating fresh technological trends and perspectives. This course is designed to serve metering apprentices and journeymen in the electric utility industry by developing skills through expert lectures and hands-on laboratory training spanning the basics of metering theory, AMI and high-end meter applications. Students should select their preferred track according to their level of experience: Single Phase Metering; Polyphase Metering; Solid State Metering; Advanced Metering and Communications; and Hot Topic Roundtable. The school accommodates 260 students and is co-sponsored by Western Energy Institute and Northwest Public Power Association. CEU credits available. Vendors encouraged to display.

**POWER QUALITY SCHOOL**

The complexity of the system that moves electric energy from the point of production to the point of consumption — combined with variations in weather, generation, demand and changing customer loads — provide many opportunities for the quality of the power supply to be compromised. This course provides students with the fundamental skills needed to facilitate, quantify, investigate, monitor and solve electrical system problems. Content is taught through a combination of presentations, exercises and unique hands-on labs. Building these skills allow utilities and their customers to save money by avoiding equipment outages and damage, costly improper solutions, damage claims and lost production. CEU credits are available.