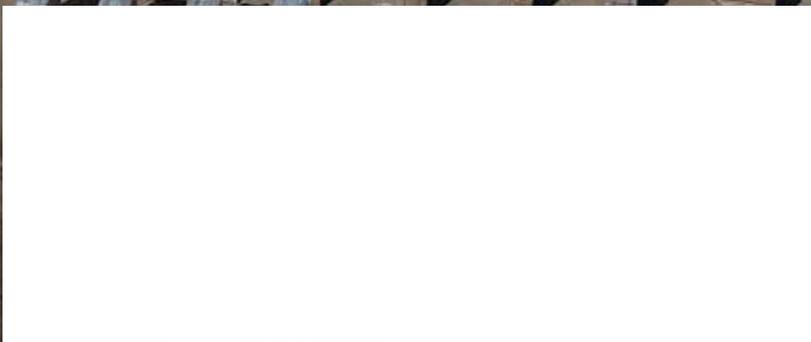


BULLETIN

A SMALL COOPERATIVE MOVES TO SOLAR ENERGY





On the cover: Kevin Short, the general manager of one of our smaller cooperatives, Anza Electric Cooperative, shares his story of how a solar farm concept not only became a reality, but also turned into a win-win situation for both his members and his utility.

Opinions expressed in single articles are not necessarily policies of the Association. For permission to reprint articles, write or call the associate editor.

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16



17

AUGUST 2017 | VOLUME 71 | NUMBER 8

- 3 NWPPA News
- 8 Training Opportunities
- 12 Executive Director
- 14 Marketing & Communications
- 16 Engineering & Operations
- 17 Safety
- 18 Member News
- 22 Associate Member News
- 24 Washington, D.C., Report
- 26 Cover Story
- 30 Job Opportunities

WOMEN IN PUBLIC POWER RETURNS TO PORTLAND IN NOVEMBER

November 8 and 9 marks the date of our third Women in Public Power Conference. This event is an opportunity for all women in public power to learn, develop, and network together, all in an effort to strengthen the talent pool across the industry.

“We often get asked about the difference between this conference and other conferences for women in the power industry and to us the answer is crystal clear: it’s about development,” said NWPPA Director of Education and Workforce Development Elaine Dixon. “We focus on the development of women in an environment that is very likely different than the one they work in every day. And based on the feedback and stories from participants in the last two years, it is working!”

For women who want to be successful in this industry, recent research concluded that there are five critical areas of need: 1) Know yourself, 2) Confidence, 3) Resilience, 4) Communication, and 5) Connection. Therefore, Women in Public Power speakers and learning experiences center around these five themes.

For example, each year we have utilized a tool to help with the Know Yourself development component. Past tools have included the Hogan Suite of Assessments (Personality, Development, and Values/Preferences) and StrengthsFinder; this year we will utilize an assessment on conflict with the Thomas-Kilmann Conflict Mode Instrument (TKI). Participants will evaluate their area of natural tendency and then learn about the areas where flexibility will help them increase their “tool kit” for dealing with conflict in multiple ways.

As president and CEO of the American Public Power Association, Sue Kelly likely embraces a large tool kit to deal with industry challenges – and we are excited to announce that she will be the opening keynote speaker. Kelly, who was also this year’s recipient of the Women’s Council on Energy and the Environment’s Woman of the Year Award, will use her experience as a leader in this industry to deliver insights for success in the world of public power.

Our other keynote speaker, Fawn Germer, recently interviewed 200 of the most accomplished women of our time for her latest book, *Pearls*. Germer, a nationally acclaimed investigative reporter and international best-selling author, will bring her lessons learned from these international interviews to share with attendees. For example: “You have to earn the privilege of doing the work that you love, then set the boundaries to create the life you want to lead,” says Germer.

Conference attendees will also hear stories and experiences by other women across the industry who have built their careers and confidence with both successes and failures, and done that with resilience that allows them to “bounce forward” from setbacks.

This year’s panel will bring together women at all stages and all levels of careers. They will talk candidly about their experiences along their career path and about who has helped, inspired, and even pushed them along the way. This will lead to a session on connection with some hands-on experience designing a mentoring network that includes who you go to for help as well as who you help and mentor along the way.

Please join us on November 8-9 in Portland, Ore., for a learning and development opportunity you’ll never forget. Visit www.nwppa.org to register today. **NWPPA**

Women in public power
CONFERENCE

NOVEMBER 8-9, 2017 | PORTLAND, ORE.
EMBASSY SUITES PORTLAND AIRPORT

NWPPA/APA

2017 Alaska Electric Utility Conference



Alaska Challenges, Solutions, and Opportunities Will Be the Conference Focus

The challenges in the state of Alaska include incredible distances to compact urban areas, arctic conditions to soaking rains, impassable tundra to remote islands, and everything in between. In addition, the state faces challenges and opportunities from periodic upturns and downturns in its economy given its resource-based economy. These challenges and opportunities are exciting for our industry given its objective of serving utility customers. NWPPA and the Alaska Power Association have teamed up to bring the 2017 Alaska Electric Utility Conference to the Egan Civic & Convention Center in Anchorage during the week of November 13 to help you with solutions to the challenges and opportunities facing our industry in Alaska.

This year's conference theme is Public Power: Challenges, Solutions, and

Opportunities for Alaska. Following our theme, you will hear from outstanding speakers, starting with our keynote speaker, Governor Bill Walker of Alaska. From his vantage point, Gov. Walker will discuss Alaska's challenges and opportunities. At our CEO panel session, you will have an opportunity to listen in on a discussion among chief executive officers from Alaskan utilities as they discuss the opportunities they see and what keeps them up at night. Furthermore, you can select from a variety of the conference's educational sessions over the two days of the conference to hear topics on utility engineering, information technology, materials, fleet, operations, power supply, safety, and environmental concerns.

In addition to the many speakers, we will have over 60 booths in our trade show with exhibitors from Alaska and across the

nation. Vendors will be there to meet with you to discuss how they can help you be successful. At this conference, past attendees credit the networking with exhibitors and peers as one of the key reasons they return to this biennial event.

On November 13 and 14, prior to the opening of the conference and trade show, we will offer five classes to allow you to stretch your travel dollars while in town to attend the conference. These full-day classes include: *AC Transformers, Advanced Theory and Practical Applications* with Mike Fitzpatrick; the new *Substation Overview and Inspections* class with Bob Coates; the new *Substation Transformer and Load Tap Changer Diagnostics* class with Scott Girard; and NWPPA's staking technician course on *Underground Line Design and*



Subdivision Layout taught by Hi-Line Engineering. For those with a limited electrical background that would benefit from a better understanding of the utility system, Skip Collier will also be in Anchorage to teach his popular *Electric Utility System Operations* course.

The NWPPA/APA Alaska Electric Utility Conference provides ample opportunities to learn about best practices, innovations, and technology to help you and your company meet your challenges and opportunities head on. There is clearly something for everyone during the week of the conference, so make your plans now and we will see you in Anchorage! For more information, go to www.nwppa.org/alaska/.

NWPPA

A Few 2018 E&O Booths Still Available

Next year's Engineering & Operations Conference & Trade Show will be held at the Greater Tacoma Convention Center, April 9–12, 2018. If you haven't reserved your vendor booth yet for the trade show, you will want to do that as soon as possible. The Tacoma trade show will feature 195 booth spaces, but all truck spaces and the majority of 10x10 spaces sold out during our presale at this year's E&O in Reno.

Remaining space for 2018 is limited and is being sold on a first-come-first-served basis until sold out. To purchase trade show space, please contact Jenny Keesey at either (360) 816-1458 or jenny@nwppa.org. Don't miss this opportunity to be part of NWPPA's premier event. **NWPPA**

The NIC Is Next Month—Are You Registered?

If you are a communications or energy efficiency professional, be sure to join us next month in Sacramento, Calif., September 17-20, for the Northwest Communications & Energy Innovations Conference (NIC). The NIC officially starts Sunday evening, September 17, with a hosted welcome reception where attendees will get to vote for the People's Choice Award. All photo entries from the Excellence in Communication contest will be onsite and you can vote for your favorite. The award will then be presented with the other communication awards on Tuesday evening at the wine country casual banquet. Last year was the first time we did this and attendees loved it—so don't miss out on your chance to vote for one of your peers.

The conference will kick into high gear on Monday morning with a keynote presentation from Matt Dunsmoore from Start With Why. Dunsmoore will ask attendees to think about what is your why—what is the very reason you are in your role, your utility, and your community. Start With Why's Stephen Shedletzky was at our Annual Meeting in May and was our highest-rated session so you definitely don't want to miss this.

The remainder of the conference will be filled with six more general sessions covering hot topics such as communicating the benefits of public power, cybersecurity, building a social media army, and more; a trio of breakout sessions in communications and energy efficiency; two roundtables; and of course, Tuesday evening's awards banquet.

Stay an extra afternoon and learn how to make better portrait photography with industry friend and award-winning photographer Dave LaBelle on Wednesday, September 20. LaBelle will be travelling to Sacramento to teach a handful of easy and cost-efficient techniques to take better portraits for your print and digital publications. He promises that you don't need to create a giant studio to create fantastic portraits—he says you really only need one light and one reflector to make portrait magic regardless if you are inside the office or out in the direct sun. At the time we went to print, there were only nine spaces left, so sign up now!

Register before August 17 to receive the early-bird rate, and book your room at the Embassy Suites Sacramento before August 26 to receive the discounted NWPPA rate on your room. To register for the NIC or view the program, visit www.nwppa.org. **NWPPA**



WE REMEMBER: Janet "Janner" Bolzell

The NWPPA family is heartbroken after learning that one of our own, Janet "Janner" Bolzell, passed away suddenly on July 26. She was 70 years old.

Born on June 9, 1947, she was a lifelong resident of the Portland (Ore.) area, having graduated from Jefferson High School in 1965.

Bolzell was our longest-tenured employee, retiring from the Association in 2013 after 27 years. As our meetings manager, our members and many others in the industry knew her as the always smiling, bubbly, and cheerful face greeting members at the registration desk at our E&Os, NIC, and Annual Meeting.

Before coming to NWPPA, she was the catering manager at the Portland Hilton Hotel for 18 years.

She was dearly loved by everyone who met her, especially her co-workers at NWPPA who were honored to have spent time with her.

Bolzell is survived by her husband of nearly 50 years, John; her sister, Pam (and Bruce) Howard; niece, Jennifer (and Eric) Castro; and great nephew, Luca.

No service has been scheduled. NWPPA



A Look Back at Public Power

50 YEARS AGO – 1967

A class at Columbia High School in Richland, Wash., used a utility pole donated by Richland Electrical Department to create a totem pole ... Lester H. Sheplor became the new assistant administrator at the Bonneville Power Administration (Ore.) ... Seattle City Light marked the beginning of the final phase of its URD conversion project in the University Business District with a ceremony (Wash.) ... The *Columbia River Treaty* by John V. Krutilla was published ... Okanogan Electric Cooperative received a \$25,000 REA loan to help rural consumers finance house wiring and installation of electrical and plumbing appliances (Wash.).

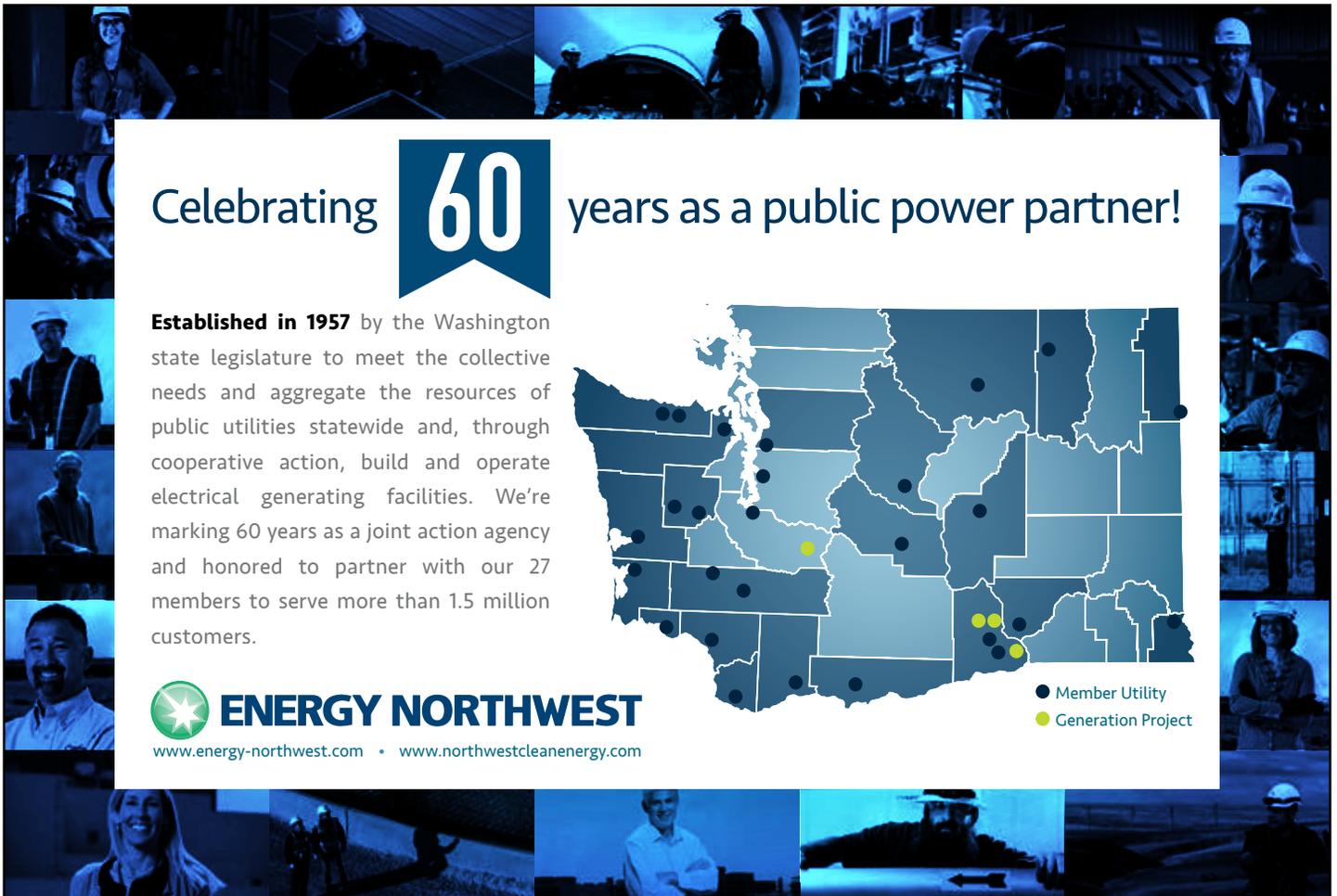
25 YEARS AGO – 1992

Anchorage Municipal Light & Power celebrated its 60-year anniversary (Alaska) ... Gary Saleba was named senior vice president of Economic and Engineering Services, Inc. (now EES Consulting) (Wash.) ... Jon Shelby was selected to fill the new position of administrative assistant at Northern Lights Inc. (Idaho) ... California's publicly owned energy utilities,

on behalf of the California Municipal Utilities Association, presented a model energy efficiency plan designed to save millions of dollars to the California Energy Commission ... Montana Cooperatives supported Competitive Council's "Flexible Networking" concept.

5 YEARS AGO – 2012

Tillamook PUD's Family and Friends team raised more than \$6,900 for the American Cancer Society's Relay for Life event (Ore.) ... Groundbreaking of the 171-megawatt Matanuska Electric Association Generation Plant took place with a ceremony at the future plant site (Alaska) ... The Cowlitz PUD Board of Commissioners unanimously approved a new policy that waives the required utility deposit for veterans and active military personnel that are initiating a new residential electric service (Wash.) ... Legislators and state officials, along with many of the people who made it possible, dedicated Turlock Irrigation District's Almond 2 Power Plant at a small ceremony at the plant (Calif.). **NWPPA**



Celebrating 60 years as a public power partner!

Established in 1957 by the Washington state legislature to meet the collective needs and aggregate the resources of public utilities statewide and, through cooperative action, build and operate electrical generating facilities. We're marking 60 years as a joint action agency and honored to partner with our 27 members to serve more than 1.5 million customers.



- Member Utility
- Generation Project

ENERGY NORTHWEST
www.energy-northwest.com • www.northwestcleanenergy.com

September, October, November, and December 2017

Please visit www.nwppa.org to view the full course descriptions for these and other courses.

ENVIRONMENTAL TASK FORCE MEETING

Who Should Attend: Utility environmental professionals (new and experienced), government agency staff, vendors, and anyone who is tasked with or interested in environmental issues, regulatory compliance, or mitigation in the environmental arena of electric utilities.

September 12, 2017—Lake Tahoe, Nev.

ONLINE — ENGINEERING WEBINAR SERIES—TECHNIQUES FOR REDUCING SYSTEM LOSSES

Who Should Attend: Engineering personnel and others who would benefit from an understanding of current electric utility engineering principles and practices.

September 12, 2017—Online

HAZWOPER 8-HOUR FIRST RESPONDER AWARENESS AND REFRESHER TRAINING FOR UTILITY PERSONNEL

Who Should Attend: This is required training for first responders who are likely to witness or discover a hazardous substance release and need to initiate an emergency response sequence by notifying the proper people; it is also for individuals who respond to releases of hazardous substances as part of the initial response for the purpose of protecting nearby persons, property, or the environment from the effects of the release.

September 13, 2017—Stateline, Nev.

ELECTRIC UTILITY SYSTEM OPERATIONS

Who Should Attend: Any electric utility industry employee (utility or vendor) whose job performance will benefit from a basic understanding of the operations side of the utility business, including engineering; operations; safety; purchasing; information technology; regulatory and rates; customer service; public relations; legal; accounting; as well as utility commissioners and board members.

September 13–14, 2017—Spokane, Wash.

NORTHWEST COMMUNICATIONS & ENERGY INNOVATIONS CONFERENCE (NIC)

Who Should Attend: Marketing, public relations, communications, energy services, renewable energy, and key accounts employees, as well as any employee and board member with an interest in these areas. See page 5 for more details.

September 17–20, 2017—Sacramento, Calif.

OREGON ENGINEERING MEETING

Who Should Attend: Engineering managers and staff from public utility districts, cooperative utilities, and other public power utilities within Oregon. (Only utility employees may attend this event.)

September 19, 2017—Salem, Ore.

SHOOTING GREAT PORTRAITS WITH DAVE LABELLE

Who Should Attend: Anyone who shoots photos, especially portraits, for their job or for fun.

September 20, 2017—Sacramento, Calif.

UNBUNDLED COST OF SERVICE AND RATE DESIGN

Who Should Attend: Accounting and finance staff, policy makers, or any utility employee with an interest in ratemaking and/or cost of service analysis.

September 20–21, 2017—Roseville, Calif.

RAISING YOUR ENERGY IQ, 101 (FORMERLY HIGH-BILL INQUIRIES)

Who Should Attend: All utility employees can benefit from this course, especially those who interact with customers or have the need to explain residential home energy consumption. We recommend that you take this class before taking the *Raising Your Energy IQ, 201* (formerly *Understanding Residential Energy Usage*) class.

September 20–21, 2017—Vancouver, Wash.

LEADERSHIP SKILLS #4: HR BASICS & BUILDING A MORE EFFECTIVE WORKPLACE

Who Should Attend: Supervisors and managers, and those employees who will be transitioning to a supervisor or manager role in the near future.

September 27–28, 2017—Anchorage, Alaska

MONTANA ENGINEERING MEETING

Who Should Attend: Engineering managers and staff from public electric utilities within Montana. (Only utility employees may attend this event.)

September 27–28, 2017—Eureka, Mont.

ADMINISTRATIVE PROFESSIONAL CERTIFICATE LEVEL 2: ALL FOUR DAYS

Who Should Attend: Administrative assistants, executive assistants, or employees in administrative or service-oriented roles.

October 3–6, 2017—Richland, Wash.

**ONLINE — ENGINEERING WEBINAR SERIES—
UNDERSTANDING CONDUCTOR CHARACTERISTICS**

Who Should Attend: Engineering personnel and others who would benefit from an understanding of current electric utility engineering principles and practices.

October 10, 2017—Online

DISASTER MANAGEMENT FOR ELECTRIC POWER SYSTEMS

Who Should Attend: Utility commission personnel, including management, supervisors, foremen, utility disaster coordinators, security personnel, field personnel, and public information staff.

October 10–11, 2017—Vancouver, Wash.

LOAD FORECASTING

Who Should Attend: Analysts and managers who are new to forecasting and statistic analysis, or anyone who needs a refresher course in evaluating load forecasts developed for their utility.

October 11, 2017—Vancouver, Wash.

NRECA CCD 2600—DIRECTOR DUTIES AND LIABILITIES

Who Should Attend: Directors, policy makers, and general managers.

October 11, 2017—Eugene, Ore.

**NEW! SUBSTATION SERIES: SUBSTATION TRANSFORMERS &
LTC DIAGNOSTICS**

Who Should Attend: Line and substation personnel, as well as engineers who have responsibility for distribution and transmission substations.

October 11, 2017—Richland, Wash.

LABOR AND EMPLOYEE RELATIONS GROUP ANNUAL MEETING

Who Should Attend: Members of the NWPPA Labor and Employee Relations Group, which includes general managers, operations managers, labor relations professionals, and human resources professionals. Non-LERG members may attend if they are part of a utility and are members of NWPPA.

October 11–13, 2017—Spokane, Wash.

**LINEMAN SKILLS SERIES: AC TRANSFORMERS, ADVANCED
THEORY, AND PRACTICAL APPLICATION**

Who Should Attend: Journeyman linemen, foremen/supervisors, engineers, and those involved in planning, scheduling, and engineering operations for a utility.

October 11–12, 2017—Richland, Wash.

NRECA CCD 2620—BOARD OPERATIONS AND PROCESS

Who Should Attend: Directors, policy makers, and general managers.

October 12, 2017—Eugene, Ore.

**SUBSTATION SERIES: SUBSTATION BATTERY MAINTENANCE
AND TESTING**

Who Should Attend: Line and substation personnel, as well as engineers who are responsible for distribution and transmission substations.

October 12, 2017—Richland, Wash.

DEMAND RESPONSE

Who Should Attend: Analysts/managers who are new to demand response or interested in developing a demand response program for their utility.

October 12, 2017—Vancouver, Wash.

**LEADERSHIP SKILLS #3: PERSONALITIES AND ATTITUDES IN
THE WORKPLACE**

Who Should Attend: Supervisors and managers, and employees who will be transitioning to a supervisory or managerial role in the future, and have completed Leadership Skills Session #1: Situational Leadership.

October 18–19, 2017—Meridian, Idaho

**SENIOR LEADERSHIP SKILLS SERIES SESSION 4, SERIES 5—
LEAD YOUR ORGANIZATION**

Who Should Attend: Directors, managers, graduates of the Leadership Skills Series, and newly appointed senior leaders.

October 18–19, 2017—Vancouver, Wash.

**STAKING TECHNICIAN CERTIFICATION PROGRAM—BASIC
SURVEYING**

Who Should Attend: Staking technicians.

October 23–25, 2017—Sacramento, Calif.

**3 Cs CONFERENCE PRE-SESSION CLASS: CRAFTING
STRATEGIC STAFFING PLANS; SOLUTIONS FOR NOW AND THE
FUTURE**

Who Should Attend: Customer service and credit/collections managers and supervisors as well as managers from other departments who are challenged with staffing shortages.

October 24, 2017—Spokane, Wash.

MANAGERIAL ACCOUNTING WITH KEY RATIOS

Who Should Attend: Anyone who has completed at least two modules of NWPPA's Utility Accounting Certificate Program, or anyone with significant utility accounting/finance experience.

October 25–26, 2017—Kennewick, Wash.

**3Cs CONFERENCE: CREDIT/COLLECTIONS AND CUSTOMER
SERVICE**

Who Should Attend: Customer service, credit, and collections managers, supervisors, and employees.

October 25–27, 2017—Spokane, Wash.

**STAKING TECHNICIAN CERTIFICATION PROGRAM—
EASEMENT ACQUISITION**

Who Should Attend: Staking technicians.

October 26–27, 2017—Sacramento, Calif.

TRAINING OPPORTUNITIES

FOREMAN LEADERSHIP SKILLS #3—REDUCING CONFLICTS; COMMUNICATION AND CUSTOMER SERVICE

Who Should Attend: Foremen and crew leaders.
November 7–8, 2017—Portland, Ore.

INTRODUCTION TO THE EPA AND ENVIRONMENTAL COMPLIANCE OVERVIEW FOR UTILITY EMPLOYEES

Who Should Attend: This class is designed to be useful to managers (not just environmental managers), attorneys, project engineers and others responsible for recognizing potential compliance issues or allocating resources required to maintain compliance with complex environmental regulations. Those who implement environmental plans and initiatives, maintain required records, compile environmental reporting data, and guide environmental management resources will also find this course useful, regardless of how long they may have worked in the area of environmental compliance.
November 8, 2017—Seattle, Wash.

WOMEN IN PUBLIC POWER CONFERENCE

Who Should Attend: Women in the power industry. See page 3 for more information.
November 8–9, 2017—Portland, Ore.

NEW! ALASKA PRE-CONFERENCE CLASS: SUBSTATION SERIES: SUBSTATION OVERVIEW & INSPECTIONS

Who Should Attend: Line and substation personnel, distribution engineers, and supervisors who have responsibility for transmission and distribution substations.
November 13, 2017—Anchorage, Alaska

ALASKA PRE-CONFERENCE CLASS: ELECTRIC UTILITY SYSTEM OPERATIONS FOR MEDIUM TO SMALL UTILITIES

Who Should Attend: Any electric utility industry employee (utility or vendor) whose job performance will benefit from a basic understanding of the operations and distribution side of the utility business, including engineering; operations; safety; purchasing; information technology; regulatory and rates; customer service; public relations; legal; accounting; as well as utility commissioners and board members. Civil and mechanical engineers, line workers, substation workers, apprentices, and support staff that have direct responsibility for the construction, operation, and maintenance of the utility's distribution system.
November 13–14, 2017—Anchorage, Alaska

ALASKA PRE-CONFERENCE CLASS: LINEMAN SKILLS SERIES—AC TRANSFORMERS, ADVANCED THEORY AND PRACTICAL APPLICATION

Who Should Attend: Journeyman linemen, foremen/supervisors, engineers, and those involved in planning, scheduling, and engineering operations for a utility.
November 13–14, 2017—Anchorage, Alaska

ALASKA PRE-CONFERENCE CLASS: STAKING CERTIFICATION PROGRAM—UNDERGROUND LINE DESIGN AND SUBDIVISION LAYOUT

Who Should Attend: Staking engineers.
November 13–14, 2017—Anchorage, Alaska

NEW! ALASKA PRE-CONFERENCE CLASS: SUBSTATION SERIES: SUBSTATION TRANSFORMERS & LTC DIAGNOSTICS

Who Should Attend: Line and substation personnel, distribution engineers, and supervisors who have responsibility for transmission and distribution substations.
November 14, 2017—Anchorage, Alaska

ONLINE — ENGINEERING WEBINAR SERIES—UNDERSTANDING DISTRIBUTION GROUNDING

Who Should Attend: Engineering personnel and others who would benefit from an understanding of current electric utility engineering principles and practices.
November 14, 2017—Online

NWPPA/APA ALASKA ELECTRIC UTILITY CONFERENCE

Who Should Attend: Utility engineering and operations personnel in distribution, transmission, power supply, substations, as well as those in safety and environmental, information/operations technology, materials and fleet, or any area where a more in-depth knowledge of these areas would be beneficial. See page 4 for more information.
November 15–16, 2017—Anchorage, Alaska

ENTERPRISE RISK MANAGEMENT: CUSTOMIZE YOUR ERM PROGRAM

Who Should Attend: This program is for utility professionals who are responsible for developing, implementing, managing, and/or sponsoring enterprise risk management within their organizations. It will be important for participants to have a good foundation and working knowledge of ERM terminology and concepts; they may have attended prior NWPPA ERM classes or have some prior ERM training or work experience.
November 15–16, 2017—Seattle, Wash.

INCREASING COLLECTION EFFECTIVENESS

Who Should Attend: Members within the customer service, credit, and collections departments of public power utilities.
November 29–30, 2017—Vancouver, Wash.

EMPLOYER COLLECTIVE BARGAINING TEAM PREPARATIONS

Who Should Attend: General managers, operations managers, members of the employer bargaining team, and chief negotiators. We recommend that you send more than one team member to this class.
December 4–5, 2017—Vancouver, Wash.

FOREMAN LEADERSHIP SKILLS #4—DEVELOPING MANAGEMENT SKILLS; BUILDING AN EFFECTIVE WORK GROUP

Who Should Attend: Foremen and crew leaders.
December 5–6, 2017—Vancouver, Wash.

ENTERPRISE RISK MANAGEMENT: A SUCCESSFUL IMPLEMENTATION

Who Should Attend: Chief financial officers, senior-level accounting staff, auditors, general managers/CEOs, policymakers, and legal counsel. (Please note that ERM: Adding Value to Your Organization is not a prerequisite for this class.)
December 6–7, 2017—Sacramento, Calif.

LEADERSHIP SKILLS #5: SUPERVISING UNION EMPLOYEES

Who Should Attend: Operations directors, managers, line superintendents, labor relations professionals, and human resource managers who supervise union employees and deal with stewards and officers of the union. This is an optional course in the Leadership Skill Series (formerly the Front Line Leadership Series).
December 6–8, 2017—Vancouver, Wash.

SENIOR LEADERSHIP SKILLS SERIES SESSION 5, SERIES 5—LEAD YOUR ORGANIZATION, SUSTAIN EXCELLENCE, AND MANAGE CHANGE

Who Should Attend: Directors, managers, graduates of the Leadership Skills Series, and newly appointed senior leaders.
December 12–13, 2017—Vancouver, Wash.

ADMINISTRATIVE PROFESSIONAL CERTIFICATE LEVEL 3: ALL FOUR DAYS

Who Should Attend: Administrative assistants, executive assistants, or employees in administrative or service-oriented roles.
December 12–15, 2017—Seattle, Wash.

LEADERSHIP SKILLS #2: LEADERSHIP CHALLENGES

Who Should Attend: Supervisors and managers, and employees who will be transitioning to a supervisory or managerial role in the future.
December 13–14, 2017—Seattle, Wash. NWPPA



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So when you're ready to get the current flowing on a new project, switch to one of the most experienced energy and public utility law practices in the Pacific Northwest... Cable Huston.



THIS AND THAT

FROM THE EXECUTIVE DIRECTOR



There are three things I'd like to share this issue. One is that in July, the NWPPA Board of Trustees met to develop the

NWPPA Strategic Plan for 2018–2022. This plan carried forward from the 2014–2018 Strategic Plan and some things remain the same: NWPPA's value proposition of providing premier education and workforce development for our members; being a Northwest and West voice on federal legislative and regulatory issues; and providing timely value-added communications and information.

However, a new sense of urgency was apparent as the trustees talked about all of the opportunities and challenges before us over the next four years as we see the proliferation of emerging technologies that impact the utility/customer relationship; fulfill the ongoing need for leadership and workforce development; address rate structures and regulations; and better understand distributed energy, battery technologies, and electric vehicles.

Suffice to say, we received our marching orders to stay the course that enhances the success of you, our members!

Another item worth sharing is the need for us all to underscore and raise the awareness of the increase in cyber events—not only in our industry—because ransomware attacks are up 600 percent and cost companies more than \$1 billion in 2016. Some other important points to ponder about ransomware:

- A major defense against ransomware attacks is timely software updates on all systems.
- Malware is often a precursor to ransomware to determine how much ransom an entity can pay.
- Phishing attacks are the gateway to malware—train your staff on how to avoid phishing attacks!
- Back up your data and segment your network so you can recover and not be held for ransom!

And there's more. Malvertisements are dirt cheap—the cost for cybercriminals to infect 1,000 vulnerable computers is about \$5. While global point of sale breaches have dropped from 38 to 26 percent, North America still has the most incidents due to being slower to adopt newer point of sale protections.

Positively speaking, intrusion detection has improved. Instead of 80.5 days to detect compromises, companies are now detecting them within 49 days; internal detection time has also declined, from 65 to 16 days.

NWPPA, APPA, and NRECA are all working diligently on educational efforts to keep our members informed and educated about IT and OT safeguards. And, as a member of the electric sector, if you are not currently registered to receive alerts from the Electricity Information Sharing and Analysis Center (E-ISAC), I want to encourage you (or your information technology or operations technology representative) to sign up at www.eisac.com.

Lastly, I have one more item that should come as good news. As you prepare your 2018 budgets, I am happy to share with you that it looks like there will not be any change to the membership investment formula for 2018!

Enjoy the rest of your summer and I look forward to seeing many of you at upcoming events. **NWPPA**

Anita J. Decker
Executive Director



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serve
powered by
innovation



your
technology
partner

www.NISC.coop

By Kevin Shaub

ENERGY NORTHWEST EMPLOYEES JOIN THE SOCIAL MEDIA CONVERSATION

“I remember when I hit the wall.”

Amy Anderson rested an elbow on her desk and pointed at that moment in time. “Energy Northwest posted on Facebook a generation record achieved by Columbia Generating Station. Somebody went in and claimed—falsely—that Columbia’s design was the same as the plants in Fukushima and Columbia and was susceptible to the same type of flooding.”

Anderson, an administrative assistant at the nuclear power plant near Richland, Wash., responded to the inaccurate poster without insults, sarcasm, or the incessant vitriol routinely exchanged on social media, but with facts: “Columbia Generating Station is a more advanced design than the Fukushima reactors,” Anderson explained to the poster, adding “the power plant is situated along the Columbia River hundreds of miles from the Pacific Ocean and unquestionably would not be vulnerable to a tsunami.” As her coup de grace, Anderson cited a post-Fukushima Army Corps of Engineers study that concluded under a worse-case scenario in which all upstream dams failed in Canada and Washington, Columbia Generating Station would remain a “dry site,” and the nuclear facility would not experience flooding to a level that would affect its safe operation.

No snarky zinger, just a dispassionate, factual reply. The original poster had no comeback. Facts had prevailed.

It wasn’t long after that auspicious post, Anderson found herself correcting other inaccuracies about Columbia Generating Station posted on Facebook as well as in the comments sections of newspaper and TV stations’ websites.

“I had had enough of people talking trash about my nuclear power plant,” she said.

Emerging alliance

Anderson has company. To balance the social media explosion—and the proliferation of erroneous and prejudiced online content—a growing number of Energy Northwest’s 1,100 employees are joining the conversation. Once ignoring false and biased posts, blogs, and tweets, this emerging alliance of synergized fact checkers now actively browse the Internet, engaged in an online whack-a-troll: rebutting unsubstantiated accusations from anti-nuke groups; debunking myths and fallacies; and most importantly, repeating en masse a consistent message about nuclear energy, and specifically the safe, reliable,

carbon-free, and cost-effective power Columbia Generating Station provides to the Pacific Northwest energy mix.

“Energy Northwest’s total social media reach including Facebook, Twitter, and LinkedIn is about 10,000 people, but if we add Energy Northwest’s 1,100 employees, advocates, and friends through other social media channels, the number jumps up to 760,000 people,” says John Dobken, Energy Northwest’s media relations and digital media manager. “And that’s what we’re trying to do. We’re trying to widen our audience throughout the Pacific Northwest and educate that audience about nuclear energy and our other energy products, because we have not only friendly folks online, we have not-friendly folks out there working against us.”

Strength in numbers

Recognizing its workforce’s promising influence on public opinion through social media, Energy Northwest has launched a series of outreach seminars for employees interested in joining the formidable team of EN advocates. Brent Ridge, Energy Northwest’s vice president for Corporate Services and chief financial officer, other company executives, and Sid Morrison, chair of the public power agency’s executive board, attended the inaugural employee outreach seminar held at Columbia’s Kennedy Auditorium.

“We have 1,100 potential professional communicators,” Ridge told the audience. “I watch the folks on Facebook, see you responding, and it makes me feel good to know that’s happening. It’s important you’re doing this at the employee level. It’s grassroots. It’s the right type of outreach.”

Arming the troops

The one-hour, interactive seminar is offered to employees during their regular work shift. New recruits leave the classroom armed with an arsenal of facts about nuclear energy in general, as well as specific responses to issues related to Columbia Generating Station they may encounter in conversation or online.

“During these training sessions, we provide employees with the tools and confidence to address issues impacting Columbia Generating Station head-on with friends, neighbors, and their elected government representatives,” said Carla Martinez, Energy Northwest’s Public Affairs assistant manager.

Those tools include the *Energy Northwest Communication Guide*, a 40-page, pocket-size doctrine employees can set alongside their computers or whip out with their smartphones. Crafted and authored by Public Affairs, the guide is chock-full of bullet points and elevator speeches that succinctly and convincingly argue Columbia as a safe, clean energy resource, and a source of revenue for the local and state economies.

Mind your social media manners

During outreach training, Public Affairs representatives lead students through a social media netiquette course, explaining what communication techniques work best when interacting online: emphasize facts, keep it positive, and keep it polite.

But that doesn’t suggest employees should walk away from controversy; rather, they’re encouraged to run straight toward it.



Brent Ridge, Energy Northwest's vice president for Corporate Services and chief financial officer, speaking to employees at the outreach training. (Photo by Cameron Kaseberg.)

“Expect people to respond and be ready to engage,” Dobken tells employees. “Just don’t feed the bears. Internet trolls will antagonize or post negative comments. Don’t add fuel to the fire by overreacting to them.”

Share and share a like

As part of its social media strategy, Energy Northwest encourages its in-house advocates to share the company’s online content. Along with Facebook and Twitter, the agency posts content on Instagram, Pinterest, LinkedIn, its blog, Northwest-CleanEnergy.com, and YouTube.

“One of the greatest benefits of social media is the ability to amplify our message by sharing what we post,” Dobken says. “We put content out there, but we count on our advocates.”

Outreach training in action

That strategy worked in February when a research firm closely associated with the anti-nuclear group Physicians for Social Responsibility distributed a report that concluded the electricity generated by Columbia Generating Station could be replaced entirely by renewable resources. On the heels of a local newspaper article about the report, Columbia advocates descended on the newspaper’s Facebook page to refute the firm’s conclusion. The weekend following the article, the newspaper printed a letter to the editor written by a non-EN employee that started: “Physicians for Social Responsibility continues to prove its ignorance of basic common sense.” The author then cited several facts about Columbia’s contribution to the Pacific Northwest in wordage that by no coincidence matched one of the agency’s communication guide elevator speeches.

Champions for Columbia

Energy Northwest’s efforts to further broaden its base of supporters extends beyond its employees’ laptops and cell phones. Last summer, the agency hosted the Northwest Clean Energy Forum, attended by three dozen congressional staffers, utility leaders, union representatives, and bloggers who normally don’t brush shoulders with Energy Northwest.

“That forum opened new doors for us,” said Mike Paoli, Energy Northwest’s chief communication officer. “One attendee wrote two informative blog posts, one was picked up by an energy magazine with 250,000 readers across the nation. Another attendee invited us to a roundtable discussion with then-Energy Secretary Ernest Moniz and Sen. Maria Cantwell. One participant presented our YouTube video on Columbia’s safety at the Oregon Public Utilities Districts Association’s annual conference.”

In the following weeks, the Washington state Democratic Central Committee passed a resolution supporting the nuclear power plant. “That resolution is a direct result of the forum,” said Ridge. “The democratic party moved from ‘close that nuclear power plant,’ to a resolution saying ‘keep it open—it’s important to climate change and reducing carbon emissions.’ A member of our coalition drove that changing language.”

The state Republican Party is expected to support a similar resolution later this year.

Striking up the conversation on Capitol Hill

Energy Northwest employees’ high-profile engagement might be catching on. Brad Sawatzke, Energy Northwest’s chief operating officer, says the nuclear industry appears ready to take charge of the conversation in Washington, D.C.

“As an industry there’s been a lot of discussion and recognition of the fact that we haven’t done a great job promoting ourselves as an industry,” Sawatzke said. “We’ve tended to spend our time saying ‘out of sight out of mind. Let’s just be quiet and people will leave us alone,’ and that hasn’t been every effective for us. We’ve started to go on the offensive talking about what we bring to the table—specifically baseload, carbon-free electricity for the country. So you’re going to see more coming in that area and we’re pushing for it as an industry.”

For Amy Anderson and the other advocates at Energy Northwest, it’s all about sticking up for their company. **NWPPA**

Kevin Shaub is a member of the Energy Northwest Public Affairs Team and can be reached at krshaub@energy-northwest.com.

Want to hear more about Energy Northwest’s social media policy? Come to John Dobken’s communication breakout session, “Social Media and Preparing Your Army for Battle,” on September 18 at the NIC in Sacramento, Calif. For more information about the conference or to register, visit www.nwppa.org.

Smart meters are now integrated with SMUD's outage management system and automatically report outages to system operators in SMUD's control center, enabling quicker and more efficient restorations. SMUD installed more than 600,000 meters on customers' homes and businesses several years ago.



The SMUD Electrical Grid Charges into the Future

By Chris Capra

There is big change in the electric utility world, especially at SMUD—and for the better for its customers when it comes to managing power outages. Digital meters and automation technology are changing an industry that, for about a hundred years, remained the same—since Thomas Edison. The SMUD grid is taking leaps and bounds in becoming a smart grid.

At SMUD, the electric utility digital transformation to the smart grid is in full swing. In 2009, thanks to the diligent work of Congresswoman Doris O. Matsui, SMUD won a \$127.5 million U.S. Department of Energy grant to install a comprehensive regional smart grid system extending from the big transmission lines all the way down to the customers' service panel.

The DOE grant helped SMUD install more than 600,000 smart meters on homes and businesses, and develop and deliver its smart grid programs. The smart meters are part of what's called

automated metering infrastructure; while automatically calculating and accurately billing energy usage, the meters also let SMUD know when there is a problem.

The meters are now integrated with SMUD's outage management system and automatically report outages to system operators in SMUD's control center, enabling quicker and more efficient restorations. They are able to determine the extent and scale of outages, and estimate the location of the outage based on which meters are reporting power out.

SMUD is also utilizing the smart meter data to identify power quality issues. Examples include, when a service transformer is failing or overloaded, when substation settings need to be updated and even when the service has a bad wiring connection. SMUD can now take a proactive approach to power quality. In the past, SMUD was dependent upon customers reporting an issue or workers identifying it during an inspection cycle.

Another key aspect of upgrading the smart grid is automated switching technology, which is also enhancing power reliability. Electric power travels along high-voltage transmission lines to large power substations and eventually to the circuits comprised of transformers and cable at the street level.

SMUD is installing automation technology on its bigger circuits, the ones that connect the substations and serve thousands of customers directly. These circuits are 69,000 volts and are the backbone of the SMUD system.

When there is a fault or failure on one of these lines, the outage potential is huge and multiple neighborhoods can be affected. Significant time and labor are involved to restore power. In the past, SMUD would send a troubleshooter to locate and identify the problem and, if possible, manually restore the fuse or switch the affected customers to other circuits. With automated switches, restoring power is much quicker.

Here's how it works: Bolted onto poles, the devices report power line conditions to SMUD's control center. Once the technology detects a fault on the system, it automatically controls the switching devices to isolate the problem. This information is sent back to SMUD's control center and system operators can begin to remotely operate additional switches to restore power. Instead of having 2,000 customers out, fewer than only 200 might be affected. For those customers restored through the use of the remotely operable switches, the outage will only last a few minutes. In the past, when relying on troubleshooters to manually switch these devices in the field, customers would have experienced an outage that lasted around an hour.

Reliability is a core value of SMUD, a policy set by the SMUD Board of Directors, which is elected by SMUD customers. To fulfill that policy, SMUD's smart grid continues to evolve and develop into a highly complex bidirectional, data-driven system to meet customers' expectations, which are becoming ever more diverse in the use of power. **NWPPA**

Chris Capra is the PIO at SMUD in Sacramento, Calif. He can be reached at Christopher.capra@smud.org.



OTEC Participates in Mock Emergency Response Drills in Baker City

By Lara Petitclerc-Stokes

There were more than a few concerned faces slowing down and taking a second look back as OTEC Manager of Loss Control Jeff Anderson began building what was to become a mock automobile accident.

With his truck bumped up against a power pole and billowing smoke, Anderson gingerly draped what looked like an energized power line across the top of his rig and said, “Maybe next year I’ll suggest we move this off of the main road so people don’t get too concerned as they drive past.”

The finishing touch for Anderson’s crash scene was a red and white jar of I Can’t Believe It’s Not Blood that he strategically poured over his head and onto his crisp white t-shirt.

“I wore this white shirt special so it would have maximum impact,” Anderson added.

And that is the whole point of this safety training—maximum impact.

This was the twelfth year the Baker County Emergency Management team had been performing these exercises. For this training, they had four scenarios set up across town with true-to-life, life-threatening situations for emergency crews to train with.

“All crews participating are going to receive a dispatch call today and, just as in a genuine emergency situation, they are not going to know what they will find until they arrive,” said Anderson.

At the OTEC site, what crews found was an injured driver in a truck that had

hit a power pole, appeared to be on fire, and had a live power line draped across its top.

“When current is flowing from a downed power line into the earth, a high-voltage condition is created,” explained Anderson. “When faced with this emergency scenario, it is important for crews to remain a safe distance away until given the all-clear to move in. Voltage can be radiating from the downed line into the ground. If responders step too close, electrical voltage can come back up through the ground and electrify the emergency crews trying to save an accident victim. This is called ‘step potential.’”

Anderson continued: “We have been training with every one of these departments this past year reviewing the dangers of voltage and ‘step potential.’ This is a little ‘in the field’ test to see what happens.”

If contact is made with an energized power line while you are in a vehicle, the best thing to do is to try to remain calm and not get out unless the vehicle is on fire. If you must exit because of fire or other safety reasons, try to jump completely clear, making sure that you do not touch the equipment and the ground at the same time. Land with both feet together, maintain balance and shuffle away in small steps to minimize the path of electric current and avoid electrical shock.

“Providing this opportunity for training was no small task and took the coordinated efforts of multiple emergency response departments across the county,” said Anderson. “Crews will be scored on their response, reaction, and resolution to each scenario and given professional advice, where needed, to make the teams stronger when they truly get called out.”

OTEC offers public safety training to schools, emergency response organizations, and government agencies as a way to help create a safer and healthier community. **NWPPA**

Lara Petitclerc-Stokes is the manager of communications and government affairs at Oregon Electric Trail Cooperative in Baker City. She can be contacted at either (541) 524-2858 or lpetitclerc@otecc.com.



Mock crash victim Jeff Anderson debriefs with Baker County’s Emergency Management team and fire crews from Haines and Medical Springs. Photo by Lara Petitclerc-Stokes.

Douglas PUD Welcomes New GM, Celebrates Anniversaries

Gary Ivory has taken over the general manager's position at Douglas County PUD (East Wenatchee, Wash.) in the wake of the retirement of **Bill Dobbins**. Dobbins retired after more than 30 years of service including 21 as general manager.

Ivory has served in many leadership capacities in different areas of the District.

"Gary has been a quick study under Bill's direction the last three years as assistant general manager and we are confident of a smooth transition to this capable employee. We unanimously support Gary and look forward to many years of his proven dedicated leadership," said Douglas County PUD Commission President **Ron Skagen**.

Skagen also expressed appreciation for Dobbins' contributions to the PUD, saying, "Past and current commissioners and the citizens of Douglas County have appreciated Bill's many years of dedicated leadership and service to the customers of Douglas County PUD."

In the last several weeks, Skagen and the rest of the commission have also expressed appreciation for several employees and their work anniversaries: Foreman Meterman **Hiland Hoiland** for 30 years, Network Administrator **Julene McGregor** for 25 years, and Page Content System Protection Engineer **Scott Jonas** for 20 years. **NWPPA**

WRECA Elects Whitfield as President

During the Washington Rural Electric Cooperative Association's recent Annual Meeting, the association elected **Dr. Jerry Whitfield** as president for the 2017-2018 term. Whitfield is the vice president of Orcas Power & Light Cooperative in Eastsound. He has been a co-op member since 1999 and joined the co-op board in March 2014.

Also elected as officers for the 2017-2018 term were Vice President **Susan Cutrell**, general manager of Parkland Light & Water Company in Tacoma; Secretary **Rob Carr**, chief financial officer of Tanner Electric Cooperative in North Bend; and Treasurer **Buddy Treadway**, a trustee at Benton Rural Electric Association in Prosser. **NWPPA**

Beartooth Hires Kevin Owens as GM

On July 24, the Beartooth Electric Cooperative, Inc. (Red Lodge, Mont.) trustees hired **Kevin Owens** as general manager.

Owens said, "It gives me goosebumps even at my age. I thank you immensely. I've watched you folks. I feel very involved in what you folks have gone through, but to work hand in hand with you at the same table, is just an incredible honor for me."

He has over 40 years of experience and has served latest as general manager for Columbia River PUD in Oregon. He began his new position on August 1. **NWPPA**

Mason 1 Recognizes Service Milestones

At Mason PUD 1's (Shelton, Wash.) all-employee meeting on July 14, nine employees were recognized for achieving service milestones with the District.

"I appreciate the work you all do every day to serve our customers and help each other be the best utility we can be," said General Manager **Steven Taylor** before he and Board President **Jack Janda** recognized each employee individually. Janda also thanked the employees on behalf of the board for their service to the ratepayers. **NWPPA**



Employees recognized in 2017 include: (L-R) Water Technician **Marty Crossan** (10 years), Lineman **Tim Brown** (15 years), Credit and Collections Specialist **Julie Gray** (30 years), General Manager **Steve Taylor** (10 years), Lead Water System Operator **TJ Goos** (10 years), Water Engineering Technician **Brandy Milroy** (10 years) with her son **Kyler Jimenez**, Commissioner **Ron Gold** (15 years), and Customer Service Representative **Teresa Hummer** (15 years). Not pictured: Lineman **Mike Rose** (20 years).

PUD 3 Approves Fiberhood Plan

Last month, Mason PUD 3 (Shelton, Wash.) commissioners approved a program designed to expand access to PUD 3's fiber-optic network for gigabit-speed broadband service. Nearly 40 people attended the meeting, at which PUD customers representing Harstine Island, Tahuya, and Lake Cushman urged commissioners to approve the Fiberhood plan.

Lynn Longan, executive director of the Economic Development Council of Mason County, said she was encouraged by the PUD staff's work to find solutions to rural broadband service. Longan said high-speed telecommunications services are important for economic development.

The Fiberhood process would identify potential neighborhoods that are unserved or underserved by broadband providers. Among other factors, expansion of service would be based on a guaranteed level of customer commitment to obtain service from the fiber-optic network. Cost recovery for the project would come through a monthly "construction adder fee" paid back over 12 years. As a public utility, it is PUD 3's intent to recover costs, not create a profit. **NWPPA**

NLI Celebrates Solar Project

On July 24, Northern Lights Inc. (Sagle, Idaho) celebrated the launch of the first cooperative community solar project in Idaho. The 50-kilowatt solar system is expected to produce approximately 165 kilowatt-hours of electricity per year per unit.

The community solar project was originally conceived by the NLI Board of Directors and given the go-ahead based on the level of interest and desire to support solar shown by many co-op members.

NLI is offering their members the opportunity to purchase shares of the solar project and to receive energy credits based on its production. There are 172 units still available for NLI members to purchase, out of the original 386 units. The subscription cost is \$300 per unit, with a maximum of five units per member. NLI members will have the option of financing the cost over 12 months on their electric bill.

“We are excited about community solar, which will allow NLI members to benefit from this increasingly popular source of electricity, while providing educational opportunities for local residents and experience for NLI as we plan for the future,” said NLI Board President Steve Elgar. “The NLI Board is committed to this project. Every NLI director is purchasing shares in the community solar project.” **NWPPA**



The NLI Board cuts the ribbon at the solar dedication on July 24. (L-R) Kennon McClintock, Judith Simonson, David Pemberton, Steve Elgar, Jim Woodward, Mike Dolan, and Dave Anderson. Photo by Montana Electric Cooperatives' Association.

55 Years of Okanogan PUD Service Honored

Okanogan County PUD (Wash.) is pleased to have so many dedicated and knowledgeable people on its team. At its last board meeting, they celebrated a cumulative 55 years of service between Jeff Rhoads with 30 years and Cindy Lynn-Bartella with 25 years. Rhoads is a serviceman in Tonasket, and Lynn-Bartella is an accounting technician. **NWPPA**

Tippin Named Redding City Manager

During the Redding City Council's (Calif.) recruitment process for a new city manager, the council focused on the following four areas: 1) Reducing crime and increasing public safety, 2) Restructuring city government for the 21st century, 3) Reducing the City of Redding's unfunded liabilities, and 4) Enhancing economic growth through public/private collaboration.

After an extensive interview process, the City Council determined that Redding Assistant City Manager and Electric Utility Director Barry Tippin would be best suited to lead the city in achieving these top priorities. Over the next several months the City Council will work with Tippin to come up with clearly defined expectations and goals for the betterment of our community.

The City Council officially appointed Tippin as the City of Redding's city manager at a special meeting on June 6, 2017.

NWPPA

Alameda Green Earns Two Top 10 Rankings

Alameda Municipal Power (Calif.) has once again been recognized as a national industry leader for its green power program, Alameda Green. AMP has earned two separate top 10 rankings from the National Renewable Energy Laboratory, the U.S. Department of Energy's primary national laboratory for renewable energy and energy efficiency research.

Alameda Green gives residents and businesses the option to match up to 100 percent of their monthly electricity use with renewable energy sourced from wind, biogas, and solar projects. Currently, the program's participants include 2,100 residents and 70 businesses. The program recently committed to sourcing even more renewable energy from California to help drive clean energy development in the state and the region.

The first ranking highlights AMP's high percentage of customers participating in Alameda Green. In 2016, 6.27 percent of Alameda's customers participated in the program—giving AMP an 8th-place ranking on the list of national utilities with the highest green power program participation rate.

The second ranking showcases AMP's green power megawatt-hour sales in comparison with total utility MWh sales, where the utility placed 9th with 2.92 percent of total utility megawatt-hour sales coming from Alameda Green.

“AMP understands that our customers care deeply about the environment and the community,” said AMP General Manager Nicolas Procos. “That's why we, as a community-owned utility, are proud to offer our Alameda Green program to our customers.” **NWPPA**

J.D. Power Honors Clark for 10th Straight Year

For the tenth consecutive year, J.D. Power recognized Clark Public Utilities (Vancouver, Wash.) for ranking highest in customer satisfaction among midsize electricity providers in the Western United States.

The J.D. Power study measures customer satisfaction with electric utilities by examining six key factors, which cover all areas of utility operations: power quality and reliability; price; billing and payment; corporate citizenship; communications and customer service. In all of these categories, customers gave Clark Public Utilities the highest score in the West midsize segment.

“Every year since we became eligible for the J.D. Power study in 2008, ranking highest in our category has been a point of pride,” said **Jane Van Dyke**, president of Clark Public Utilities Board of Commissioners. “Maintaining this level of customer satisfaction for 10 years in a row tells us we’re truly on the right track. The award isn’t the goal, but it’s evidence of a sincere commitment to excellence that customers experience daily.”

J.D. Power designs and finances the study, a standardized measure of satisfaction available for the electric residential utility industry. More than 99,000 residential electric utility customers throughout the U.S. responded online to the study. Based on these responses, the study compared 138 electric utility brands, collectively serving over 98 million households.

NWPPA

Bruce Dundas Honored at Whatcom PUD

Whatcom PUD (Ferndale, Wash.) recently honored Water Operator **Bruce Dundas** for his 40 years of service. Dundas retired on June 15 and the PUD commissioners passed a special resolution honoring him. Dundas had been employed with the District since August 1976.

The commissioners expressed their appreciation for his valued employment saying he was “most capable” and served “with the interests of the PUD always foremost, and gave generously of his time and talents in performing the various duties of his job as water operator.” NWPPA



(L-R) General Manager Steve Jilk, Commissioner Mike Murphy, Bruce Dundas, and Commissioner Jeff McClure.

Chelan Extends Wright’s Contract

Acting a year ahead of General Manager **Steve Wright’s** five-year contract end, on July 24 Chelan PUD (Wenatchee, Wash.) commissioners unanimously approved a new three-year contract that would run from September 3, 2018, through December 31, 2021.

Commission President **Randy Smith** said, “Since we started our strategic planning process in late 2014, we have been operating under the overriding theme of ‘Doing the best for the most for the longest period of time.’ Leading us in that effort has been our general manager, Steve Wright. He guided us through a highly successful planning process that highlights the PUD’s efforts to reach out and engage all customer-owners with openness and transparency. The PUD and the community have benefited greatly from his vision, strategy, and tireless efforts on behalf of the utility’s customer owners.”

During his time at Chelan PUD, Wright has led the utility through an extensive planning effort that resulted in creation of the 2015-2019 strategic plan—a blueprint for guiding District operations. The strategic plan’s top objectives are the reinvestment in the PUD’s value-creating core assets and people; reducing debt; and initiation of the Public Power Benefit program including restarting the fiber expansion program.

Wright began his tenure as the District’s general manager in September 2013. He previously served 32 years in a number of positions at the Bonneville Power Administration, the last 12 years as administrator/CEO. NWPPA

McMeen Joins Umatilla as Finance Manager

Illinois native **Lisa McMeen** has joined Umatilla Electric Cooperative (Ore.) as manager of finance and accounting.

McMeen most recently worked as controller at New-Mac Electric Cooperative, which serves 17,000 homes, farms, and businesses in the southwest corner of Missouri.

During her 25-year career, she previously worked as manager of financial services at Northeast Oklahoma Electric Cooperative, Vinita, Okla., and earlier worked as CFO at Wayne-White Counties Electric Cooperative in her hometown of Fairfield, Ill.

McMeen has a bachelor’s degree in accounting and finance from Southern Illinois University. NWPPA



Linemen Serve as Grand Marshalls

Pend Oreille PUD (Newport, Wash.) Linemen **Jethro Allen, J.L. Chantry, Rod Clark, Brandon Corkill, Rick Hughes, James Huling, Ben Huntley, Paul Kiss, James Reed, John Shukle, Spencer Smith, and Tanner Williams** were honored as the grand marshalls for the 2017 Newport Rodeo Parade on June 24.

“The selection was made by the rodeo committee,” said Director of Operations/Superintendent **Chris Jones**. “It’s very nice that the community recognizes the hard work and dedication of our linemen.” **NWPPA**



The Pend Oreille PUD bucket truck drives along the parade route.

Grays Harbor Agreement Saves \$13M

An agreement between the Grays Harbor PUD (Aberdeen, Wash.) and Sierra Pacific Industries will allow the utility to save millions of dollars over the next five years. In addition to increasing the PUD’s financial stability, the agreement with the timber products company will allow Sierra Pacific to continue selling their surplus renewable energy to the PUD for five additional years.

The agreement, approved by Sierra Pacific last month and passed by the PUD Board of Commissioners on July 10, extends the contract through which the energy utility purchases the excess power generated by the renewable biomass cogeneration facility located at Sierra Pacific’s Aberdeen Division. In exchange for the five-year extension, Sierra Pacific has agreed to lower the cost of the surplus energy to a fixed rate which will save the utility an average of nearly \$30 per megawatt-hour. Over the next five years, those savings will total an estimated \$13.7 million.

“This is a classic win-win situation and a great deal for Grays Harbor County,” said PUD Board President **Arie Callaghan**. “The cost savings in this agreement will improve the financial stability for the Grays Harbor PUD while at the same time creating a reliable revenue stream for a company that employs Grays Harbor residents.”

PUD General Manager **Dave Ward** says the willingness of Sierra Pacific to agree to renegotiate the contract in exchange for a five-year extension will strengthen the utility’s financial position. **NWPPA**

Flores Receives Women with Hydro Vision Award

PennWell’s Hydro Group is pleased to announce the fourth class of recipients for its Women with Hydro *Vision* award. The Women with Hydro *Vision* awards program was designed to honor the most influential women in hydropower for their accomplishments and contributions to the industry. One of this year’s four honorees was Northwest RiverPartners Executive Director **Terry Flores**.

Flores’s career in hydropower spans more than three decades, with focus on relicensing, education, and promoting the value of hydroelectricity to both the public and policy-makers. During her time as executive director for Northwest RiverPartners, she spearheaded the award-winning CleanHydro campaign in 2013. Throughout its three-year run, CleanHydro produced a number of television spots, educational programming, and media coverage in the Pacific Northwest.

The recipients were nominated by their peers and selected by a panel of past Women with Hydro *Vision* inductees. A luncheon was held in their honor at the HydroVision International 2017 conference and exhibition, June 27–30, at the Colorado Convention Center in Denver. **NWPPA**

Costs Reduced for Voluntary Alternative Energy Purchases

Grant PUD (Ephrata, Wash.) commissioners voted on June 27 to lower the price for customers wanting to buy qualified renewable energy resource attributes on top of their regular power bills. In related action, the commissioners also approved a method for customers to purchase renewable energy certificates, as well as power from a specific generation source.

Grant PUD has an obligation under Washington State law (RCW 19.29A) to provide its customers with an opportunity to buy from qualified alternative energy resources. Costs in Rate Schedule 13 were lowered from \$2 per 100 kilowatt-hour block to 75 cents per 100 kilowatt-hour block. The new price is more in line with changes to market conditions since Rate Schedule 13 was first adopted in 2001.

Commissioners also approved two additions to Rate Schedule 13. These changes give customers access to renewable energy sources. Any purchases made in Rate Schedule 13 are in addition to what customers would normally pay on their monthly Grant PUD power bill.

“With these changes, we can better partner with our customers to meet their needs as they seek to achieve their sustainability goals by leveraging our staff’s knowledge and capability.” said **Dave Churchman**, Grant PUD’s chief customer officer. “Our customers have told us this is an important service they require and we are glad to meet their needs.” **NWPPA**

Ruralite Services Names New Managing Editor

Ruralite Services Inc. has named veteran Northwest journalist **Leon Espinoza** as its new managing editor. Espinoza was selected after a national search. He replaces **Curtis Condon**, who retired at the end of July.

Espinoza is currently assistant managing editor of *The Seattle Times*, a position he has held since 2013.

“Leon Espinoza is regarded by his colleagues as a tremendous coach, co-worker, and leader,” said **Michael Shepard**, CEO of Ruralite Services. “He has been at once a steady and creative hand during a time of unprecedented change in the media world. I’m confident he is just the right person to lead our journalistic efforts and partner with our award-winning staff and the public utilities we work with every day.”

Espinoza has risen through the ranks since joining *The Seattle Times* as a reporter in 1990. He has been the company’s executive news editor, deputy news editor, Sunday news editor, night news editor, and worked on the copy desk. He holds a B.A. in communications from California State University, Fullerton.

Espinoza is a member of the Associated Press Media Editors association, the Washington Coalition for Open Government, the American Copy Editors Society, the International Association of Business Communicators, and he has judged reporting and design competitions, including the California Newspaper Publishers Association’s.

Ruralite Services makes communications easy for members. Ruralite Services publishes magazines, helps spread news, and provides an array of communication and marketing services to members, helping them from planning to completion and the distribution. For more information, visit www.ruraliteservices.org. **NWPPA**



Branko Horvat Joins Novinium

Novinium®, a supplier of underground electrical cable rejuvenation products to electric utilities, including a new product to prevent manhole events, has hired **Branko Horvat** as director of New Product Development. Horvat will have direct P&L responsibility for the PreVent manhole event prevention product acting as technical program manager developing partnerships, licensing opportunities, and future product improvements and solutions both domestically and internationally for the company.

“We are very pleased to add Branko’s experience to Novinium during this important stage in our company’s growth,” said **Mark Newton**, VP of Engineering at Novinium.

Horvat has a B.S. in mechanical engineering as well as an M.B.A., and has spent the last 25 years in the mobile hydraulics industry in sales, marketing, and engineering positions. Branko can be reached at branko.horvat@novinium.com.

Novinium’s patented injection process rejuvenates and extends the reliable life of cable up to 40 years. Further information is available at www.novinium.com. **NWPPA**

Commonwealth Names New President/CEO

The Commonwealth Associates, Inc. Board of Directors announced the election of **Richard N. Collins, P.E.** as the firm’s new president and CEO. Collins replaces **Dennis DeCosta**, who helped to found the firm in 1988 and has served as its president since 2001.

Collins has over 25 years of experience in the electric power industry. He is a member of the National Society of Professional Engineers and the American Society of Civil Engineers, and is actively involved in the Institute for Electrical and Electronics Engineers Power Engineering Society. Collins has served as chair of the IEEE Overhead Lines Subcommittee since 2011 and before that served for five years as chair of the Towers, Poles and Conductors Subcommittee’s Line Design Methods Working Group.

He previously served as the firm’s vice president of Transmission and Distribution Line Engineering and Environmental Services where he also oversaw the firm’s Land and Right of Way Services group.

Commonwealth is an *EC&M Magazine* 2017 Top 10 engineering consultancy committed to influencing and shaping the secure energy future. The firm serves utilities, independent power producers, government, industrial clients, and some of the world’s most prestigious educational, research, and healthcare institutions. For more information, visit cai-engr.com. **NWPPA**



Tantalus Named a Top Grid Solution Provider

Tantalus Systems, a leading provider of smart grid networks and applications, is being recognized as one of the Top 10 Best Smart Grid Solution Providers – 2017 by *Energy CIO Insights* magazine. *Energy CIO Insights* ranked Tantalus based on the company’s ability to deliver long-term value to all utility stakeholders through a differentiated and secure communications network, which includes powerful and intelligent computing power deployed to the edge of the distribution grid.

“It is an honor to be selected as one of *Energy CIO Insights*’s Top 10 Best Smart Grid Solution Providers in 2017,” said **Peter Londa**, president and CEO for Tantalus. “This recognition reflects our team’s unwavering commitment to help utilities leverage edge computing applications and analytics to go well beyond traditional AMI. We will continue to expand our capabilities in order to maximize value for our utility customers.”

Tantalus partners with electric, water, and gas utilities to deliver measurable and meaningful operational savings through its multi-purpose Smart Grid solutions platform for advanced metering, load management, and distribution grid optimization.

Tantalus provides TUNet®—the Tantalus Utility Network—which is an award winning end-to-end communications platform utilizing IP-based networks including fiber, WiMAX, and cellular as well as 220 and 900 MHz wireless RF. For more information, please visit www.tantalus.com. **NWPPA**



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AUGUST CONGRESSIONAL RECESS

Is an Opportunity to Get the Word Out on NWPPA's Legislative Agenda

By Nicole Case



The August congressional recess is the perfect time to meet your member of Congress and senators to raise issues important to your utility and NWPPA. Members of Congress and senators use the typically five-week recess to touch base with constituents at home and learn what they can do for them in the U.S. Capitol. (Note that this year the Senate may have a shorter recess.) The House of Representatives, however, will maintain its five-week recess that started on July 31.

With repeal of Obamacare no longer occupying the priority spot for passage, Republican party leaders are expected to turn to other top issues such as tax reform and energy issues when they return from the August break.

Municipal bonds

Tax reform is likely to be next up on the agenda and it's an issue municipal utility supporters have been preparing for since the start of the new year. Municipal bond advocates are familiar with attempts to change the tax-exempt structure of these bonds to raise funds for the U.S. Treasury. Many advocates were around during the fight to preserve tax-exempt municipal bonds in the 113th and 114th Congresses. They were successful then and have been gearing up for another battle this Congress.

Municipal bonds are an integral capital financing tool for many municipal electric utilities because they help maintain electric reliability investments. Taxing, capping, or otherwise limiting municipal bond interest would increase borrowing costs, limit investments in critical infrastructure, impact community economic development, and raise electric rates to consumers. NWPPA members should urge their member of Congress and senators to preserve the tax-exempt status of municipal bonds.

NWPPA supports the tax-exempt status of municipal bonds and rejects any change to the tax-exempt status of these bonds.

Senate Energy Bill S. 1460

Energy issues may see action because part of a comprehensive infrastructure package was slated for consideration this year. With delays due to the controversy of health care reform, Congress could be tackling the massive infrastructure package next year. Energy issues, however, may receive attention quicker than we expected with the introduction of a comprehensive energy bill by Senate Energy and Natural Resources Committee Chairman Lisa Murkowski (R-Alaska) and Senator Maria Cantwell (D-Wash.). Many of you may remember that these leaders successfully passed a bipartisan energy package through the Senate last year. However, the bill languished in a conference with the House during the summer of 2016 and failed to pass before Congress adjourned. That House-Senate conference included negotiations on a few provisions important to NWPPA members: hydropower licensing reform and provisions for vegetation management on utility rights-of-way over federal lands.

NWPPA supports Senate Energy Bill S. 1460: The Energy and Natural Resources Act of 2017. Several provisions are included in the bill and the following ones specifically affect public power.

All hydropower as renewable

A key provision in the Senate energy bill is recognition that all hydropower—whether established, large projects, new, or incremental—are renewable resources. The bill revises the Federal Power Act definition of renewable energy to include all hydropower. This has been a priority for NWPPA and its members for years. Established hydropower—a clean, renewable energy resource—has been denied recognition as a renewable resource for decades. The Senate energy bill will correct this oversight, making all hydropower eligible as a renewable resource under federal law.



Hydropower licensing

The bill also includes provisions to reform federal hydropower licensing. Support for common-sense reform of the federal hydropower licensing process has increased for years. Repeated and continuous efforts to educate our policymakers on the benefits of hydropower and the unnecessary expense and length of licensing have finally paid off with hydropower reform being a top priority for many members of Congress and senators. In the House, Rep. Cathy McMorris-Rodgers (R-Wash.) has spearheaded efforts with the support of fellow Northwest members, Chairman Greg Walden (R-Ore.) and Kurt Schrader (D-Ore.). In the Senate, Energy Committee leaders—Chairman Murkowski and Senator Cantwell—have taken the helm.

S. 1460 includes provisions to shorten the time it takes to relicense a hydropower project, make the licensing process more efficient and affordable, and includes FERC as the lead coordinating agency for setting licensing schedules and studies.

Vegetation management

The House-Senate conference on the energy bill last year was also instrumental to reaching a compromise on a key element in provisions regarding vegetation management on utility rights of way over federal lands: liability protection for utilities.

As you know, NWPPA has supported efforts that began in the House Natural Resources Committee to address inconsistencies and inefficiencies in the permitting of utilities management of vegetation on or near transmission and distribution rights of way over federal lands. Legislation was introduced this Congress by Reps. Doug LaMalfa (R-Calif.) and Schrader. The process for receiving approvals to manage vegetation in or near utility rights of ways varies among area offices of federal land management agencies such as the U.S. Forest Service. While many utilities do not face delays or inconsistent permitting policies, some do. In the past, unusual delays in responding to utility requests to manage vegetation have threatened utility facilities and the possibility of fires. Currently, utilities could be held liable for any damage caused by vegetation falling onto utility transmission and distribution lines, including damage caused by vegetation that utilities sought permission to trim and were denied approval. Damage costs could bankrupt a small utility and have threatened to do so in the past.

S. 1460 includes a section that would provide an efficient process for permitting vegetation management by utilities on or near rights of way over federal lands. It also includes groundbreaking compromise legislation to limit a utility's liability for

vegetation-caused damage if the utility has followed the process delineated in the legislation and the federal agencies have failed to act. The provision enjoys the bipartisan support of Senators Murkowski and Cantwell. NWPPA strongly supports this section of the bill and is thankful for the efforts of these senators and their staff.

Senator Majority Leader Mitch McConnell (R-Ky.) has directed that S. 1460 go straight to the Senate floor for consideration, bypassing the committee process. As you read this article, the bill may have already been taken up by the Senate. NWPPA will keep its members informed of progress on the bill.

Transmission assets of PMAs

The president has included a proposal to sell the transmission assets of the power marketing administrations (PMAs) in his Fiscal Year 2018 budget. Proposals to sell the PMAs or certain assets are not new concepts; sale of the PMAs was first proposed in the budget of President Ronald Reagan and variations on that theme were included in the budgets of a few presidents since then. Many NWPPA members are customers of the Bonneville Power Administration and the Western Area Power Administration; these PMAs are critical to maintaining low-cost rates for the communities served by these member utilities. Selling off the transmission assets of the PMAs, as the president's budget calls for, would only raise rates for consumer-owned utilities and the communities they serve. NWPPA members should urge their members of Congress and senators to reject the president's recommendation.

Rural Utility Service

Many electric cooperatives and other consumer-owned utilities rely on the Rural Utilities Service for capital financing. NWPPA supports the Rural Utilities Service and its mission of enabling the building and maintenance of essential electric infrastructure through the Electric Loan Program. Both the House and the Senate are working on approving spending bills for Fiscal Year 2018. NWPPA members should urge support for sufficient RUS loan levels and authorization.

The August congressional recess is the perfect time to become an advocate on these issues and NWPPA has published talking points for your use. If you plan to attend a local town hall or meet with your member of Congress or senator, first visit the Government Relations Committee page at www.nwppa.org for access to these talking points. NWPPA enjoys the broad support of its Congressional delegation and appreciates the working relationship we have with the delegation and its staff. Be sure to thank them for their support and work on our behalf. **NWPPA**

Nicole Case is NWPPA's legislative consultant and can be reached at nicole@nwppa.org.

A SMALL COOPERATIVE MOVES TO SOLAR ENERGY

By Kevin Short



Anza Electric Cooperative, Inc. is the smallest of only three electric distribution cooperatives in California. First incorporated in 1951, AEC has a long and successful history of serving the electric energy needs of our members in the rural area where we live.

AEC is interconnected into the Southern California Edison network, with a single radial feed as our only path to the Western Interconnection synchronous grid. Since 1979, we have also been an all-requirements member of our generation and transmission cooperative, Arizona Electric Power Cooperative, Inc. Our energy is provided from AEPSCO via a wheeling agreement between AEPSCO and SCE.

AEPSCO is a traditional G&T cooperative, with a 605-megawatt coal and natural gas fueled plant located near Cochise, Ariz. Our decades-long relationship with AEPSCO has been very beneficial to our members, providing us with low-cost, reliable generation and transmission services around the clock.

As a California utility, AEC has been subject to an ever-increasing regulatory demand for renewable energy. With our generation portfolio consisting mostly of fossil fuel resources, we began to recognize that times were changing. California's Renewable Portfolio Standard has evolved since its inception in 2002, growing from an initial 20 percent renewables requirement to a 33 percent requirement in 2020. More recently, legislation signed by Governor Brown in 2015 increases the RPS to a 50 percent target in 2030, and current legislation would increase the goal to 100-percent zero-carbon resources by 2045. Meeting the objective of this moving target is a challenge for all utilities, but most especially for a not-for-profit cooperative with very limited means. We needed to find an answer that not only would move us down the road to compliance, but would simultaneously not be a financial burden to our membership.

Another aspect of the state's renewable picture is that of net energy metering. California's NEM law extends back into 1996, and has followed a similar upwards minimum requirements trajectory as our RPS regulations. AEC fulfilled the existing regulatory NEM mandate a few years ago by reaching the minimum distributed renewable interconnection nameplate rating of 5 percent of our historic peak demand.

We recognized at the time, however, that not all our members who wanted solar on their homes or businesses had accomplished their installations. We subsequently developed a successor Distributed Generation tariff that allowed for another 5 percent capacity's worth of interconnection. This new tariff functions very much like NEM, but with a few minor differences. For example, we changed the



Anza appropriately named its solar array project SunAnza and the ground was broken on October 15, 2016.

excess compensation rate from full retail to avoided cost, effectively eliminating the cost shifting to non-participating members inherent in NEM. The incentives to produce one's own energy still remain, but without the unfair cost avoidance of NEM.

As effective as NEM has been in driving solar deployment in California for 20 years, none of this resource counts towards a utility's RPS goals. Ownership of the generation equipment—and the renewable attributes of the energy—belong to the owner of each individual system and cannot be claimed by the serving utility.

Therefore, while we had been a very successful participant in the California NEM experiment, we still needed to develop our own utility scale zero-carbon resources.

Yet another factor for AEC was our single radial feed into our system. We had constrained import capacity, with no on-system generation. During periods of high demand, we were rapidly approaching our peak capacity with no easy or affordable way to alleviate the restriction.

Finally, California introduced cap and trade. The financial effects of this program became significant for us as an importer of fossil fuel generation. This was the turning point in our consideration of renewable generation.

CONTINUED ON PAGE 28



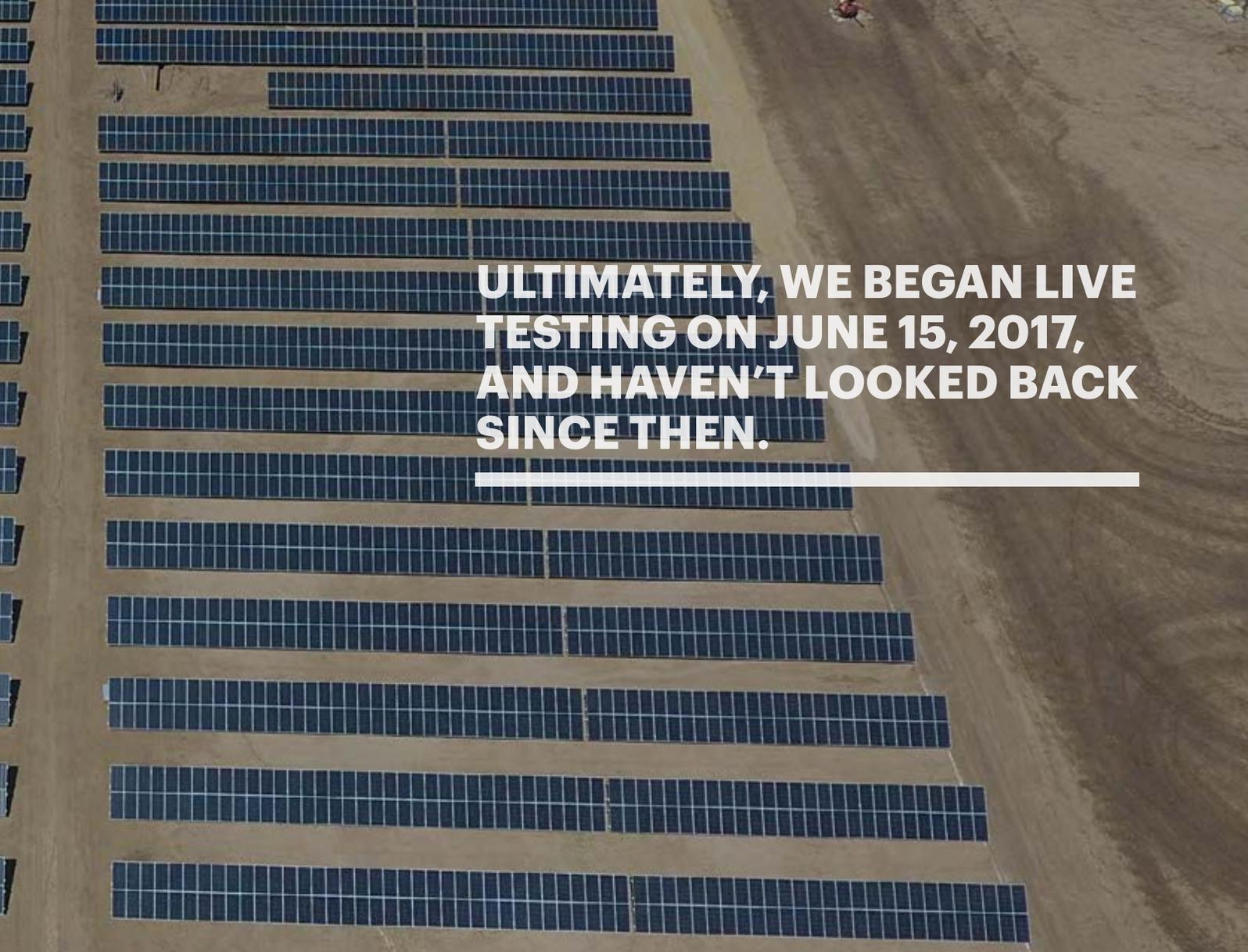
In view of all our regulatory, financial, and technical circumstances, our elected board of directors voted unanimously to move forward with the procurement of utility scale solar, located on our system. It was determined that we would accomplish a multitude of goals: reducing our carbon footprint; improving system reliability through voltage support and on-system generation during peak hours; compliance with renewable mandates; and through a long-term power purchase agreement with AEPSCO, we would improve price certainty because there is no fuel cost to be considered with solar. We additionally reduced our exposure to cap-and-trade costs and accommodated growing member demand for renewables in our portfolio mix.

This was the beginning of a five-year adventure to build our simple ground mount, fixed pitch, and azimuth 2-megawatt generator. We were first faced with the challenge of finding suitable property. Our county (Riverside) ordinances require certain zoning and minimum parcel sizes for solar farms. Interestingly, even in our rural, low-density area, this limited our choice to very few options. We finally found a parcel, negotiated a price, and started down the long road to procuring a Conditional Use Permit that would allow us to use the parcel for our solar farm.

There were many other issues that came up along the way, including environmental impact studies, an endangered species problem that added significantly to our project costs, and a multi-jurisdictional issue between county, state, and federal entities that not only drove prices up, but literally changed the look of our site. Needless to say, there were times when it appeared that the challenges to comply with state law, control costs, and generate our own clean energy would be too great.

Because of our all-requirements contract, AEPSCO agreed to help us with the project by financing and owning it, and providing us with the energy and associated renewable energy credits; the array would have been difficult to procure and finance on our own. Our relationship with our G&T has been a significant advantage for us during this process.

“AEPSCO and AEC partnered and worked diligently to design, permit, and install the solar field and interconnection. This was AEPSCO’s first solar project and we relished the opportunity to assist AEC,” said AEPSCO Executive Director of Engineering & Transmission Maintenance Barry Brown. “It took a dedicated team of many individuals to accomplish this goal.”



ULTIMATELY, WE BEGAN LIVE TESTING ON JUNE 15, 2017, AND HAVEN'T LOOKED BACK SINCE THEN.

Ultimately, we began live testing on June 15, 2017, and haven't looked back since then. We expect full commissioning in a matter of days as of this writing, and look forward to Phase 2 of the project, which will nearly double the generating capacity to 3.3 megawatts.

“Working with our board, our G&T board, and the members of our community, we have been able to move forward in adding renewable energy to our portfolio while reducing our operating costs,” said Anza Board President Billy Adams. “We're proud that we were able to do this in our community.”

In an era of increasing regulatory complexity, societal pressures such as climate change, and the day-to-day challenges of operating an electric utility, it's important to remember that by working together and thinking creatively, our industry can move forward with confidence into the future. **NWPPA**

Kevin Short is the general manager of Anza Electric Cooperative in California. He can be contacted at (951) 763-4333, ext. 217.





JOB OPPORTUNITIES

For more detailed information, visit www.nwppa.org/job.

The Job Opportunities is a service provided to NWPPA member systems and associate members. Member price is \$115 per listing for a 30-day period.

- Job Opportunities ads are also accepted from non-members. Ads are \$350 per listing for a 30-day period.
- *Copy must be received before the 25th of the month prior to the month of publication* (for example, February 25 for March issue).
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POSITION: [Distribution Designer](#)
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TO APPLY: Visit www.penlight.org/jobs.

POSITION: [Community Relations Manager](#)
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POSITION: [General Manager](#)
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POSITION: [Journeyman Lineman](#)
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POSITION: Substation Civil Engineer or Professional Engineer
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TO APPLY: Visit www.snopud.com.

POSITION: Operations Superintendent
COMPANY: Umatilla Electric Cooperative (Hermiston, Ore.)
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DEADLINE TO APPLY: August 17, 2017
TO APPLY: Visit umatillaelectric.bamboohr.com/jobs.

POSITION: Manager of Finance & Accounting/CFO
COMPANY: Kootenai Electric Cooperative, Inc. (Hayden, Idaho)
SALARY: DOE
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POSITION: Labor and Employee Relations Specialist
COMPANY: Chelan County PUD (Wenatchee, Wash.)
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POSITION: Engineer, Electrical
COMPANY: Northern Wasco County PUD (The Dalles, Ore.)
SALARY: \$95,000 – \$125,000 Per Year
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TO APPLY: Visit www.nwascopud.org/about/jobs/.

POSITION: Journeyman Lineman
COMPANY: Emerald People's Utility District (Eugene, Ore.)
SALARY: \$45.64 Per Hour
DEADLINE TO APPLY: August 24, 2017
TO APPLY: Visit www.epud.org/careers.

POSITION: Director Corporate Treasurer #64751
COMPANY: Puget Sound Energy (Bellevue, Wash.)
SALARY: DOE
DEADLINE TO APPLY: August 21, 2017
TO APPLY: Visit www.pse.com/careers.

POSITION: Safety Coordinator
COMPANY: Consumers Power, Inc. (Philomath, Ore.)
SALARY: \$121,000 Per Year
DEADLINE TO APPLY: August 18, 2017
TO APPLY: Visit www.cpi.coop.

POSITION: Journeyman Lineman
COMPANY: Peninsula Light Company (Gig Harbor, Wash.)
SALARY: \$42.90 Per Hour
DEADLINE TO APPLY: August 20, 2017
TO APPLY: Visit www.penlight.org/jobs.

POSITION: Journeyman Electrician
COMPANY: City of Ketchikan (Ketchikan, Alaska)
SALARY: \$38.38 Per Hour
DEADLINE TO APPLY: August 20, 2017
TO APPLY: Visit www.ktn-ak.us/jobs.

POSITION: Power Generation Technician
COMPANY: Kodiak Electric Association, Inc. (Kodiak, Alaska)
SALARY: \$48.59 Per Hour
DEADLINE TO APPLY: September 17, 2017
TO APPLY: Visit www.kodiakelectric.com.

POSITION: Human Resources Generalist
COMPANY: Matanuska Electric Association (Palmer, Alaska)
SALARY: \$72,472 Per Year
DEADLINE TO APPLY: September 11, 2017
TO APPLY: Visit www.mea.coop.

POSITION: Journeyman Lineman
COMPANY: Naknek Electric Association (Naknek, Alaska)
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Energy Northwest	7	Northwest Line Contractors Chapter (NECA).....	23
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