

BULLETIN



**WASHINGTON
UTILITIES TRAVEL
TO AID HURRICANE
IRMA RELIEF**





On the cover: Last month, public utilities traveled thousands of miles to come to the aid of millions of customers left powerless in the wake of Hurricane Irma. Two public utilities from Western Washington—Mason PUD 3 and Snohomish County PUD—helped line up workers and resources before Irma even hit land.

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

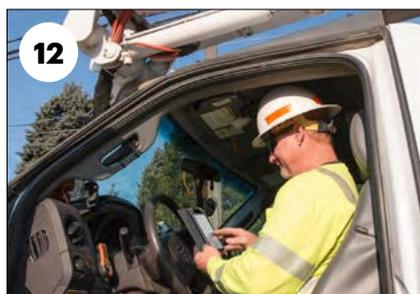
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MORE POWERFUL TOGETHER

Materials are Ready for Your Utility

We are excited to announce that the **More Powerful Together** collateral is live and ready for you at www.nwppa.org/mpt! If you have not yet seen one of our presentations on this project, here's a brief overview of the why and what.

Most consumers do not understand why a public power utility is different from any other energy source. In fact, they don't really think about anything utility-related as long as the lights come on and bills are not too steep. To remedy this, our Board of Trustees wanted tools to help utilities communicate why public power matters.

Through a partnership with Ruralite Services, we have created More Powerful Together, a consumer-focused effort illustrating how consumers get more than energy from community-owned utilities. We believe our approach is a fresh, modern message easily delivered across print and digital channels. The idea is to break through and reach 21st-century consumers.

The first batch of materials (highlighting Local) went live on October 2. Quarterly over the next 12 months, we will roll out a new set of collateral focused on four key messages: Local, Innovative, Expert, and Driven.

Easy-to-customize templates will help NWPPA members launch a powerful, locally branded call for engagement. Every utility is unique, so we are providing different sets of copy to support the key messages. Utilities can pick the message that best fits their communities.

Content created for the first quarter includes:

- Print and digital ads
- Social media posts
- Leadership editorials
- Website content
- Pop-up banner art for utility lobbies, community events
- Internal posters
- How-to webinars

Visit www.nwppa.org/mpt to check out the tools we have created for you. Questions? Contact Brenda at Brenda@nwppa.org.

We are **#MorePowerfulTogether**. **NWPPA**



The question of why public power matters continued into Tuesday morning, when NWPPA and Ruralite Services, Inc. unveiled their partnership project, More Powerful Together. NWPPA’s Debbie Kuraspediani and RSI’s Michael Shepard explained that most consumers do not understand why a public power utility is different from any other energy source. Customers today don’t really think about anything utility related as long as the lights come on and bills are not too steep. To remedy this, the More Powerful Together project has created tools (now available at www.nwppa.org/mpt) to help utilities communicate why public power matters. Kuraspediani and Shepard proudly showed examples of ads, social media posts, and editorial pieces that are now available for free for all NWPPA members. After their presentation, attendees asked questions, praised the project, and proudly wore their new #MorePowerfulTogether buttons throughout the conference.

“I’m excited to incorporate the material into our communication efforts,” said Plumas-Sierra REC’s Corby Erwin, another first-time attendee. “I really appreciate the work that was put into this.”

In addition to these two (of nine) general sessions, attendees were able to choose between the communications track or the energy-efficiency track—or a mix of the two—during three separate breakout sessions.

In addition to the breakout and general sessions, attendees stayed busy with roundtable discussions, which are always a conference favorite. The first one on Monday was split up by hot topics (electric vehicles, communicating the value of public power, and how to communicate more with less), and the second one on Tuesday was split up by utility size. Expanding on the hot topic roundtables, conversation starters were used at lunch on Tuesday. With table toppers defining various hot topics—including two tables headed by NWPPA and Ruralite Services staff to answer questions about the More Powerful Together project—attendees participated in a working lunch where they sat at tables with a topic they were interested in to facilitate more discussion and learning.

After two days of educational sessions and discussions, attendees were

LOCALLY GROWN. LOCALLY OWNED.

NIC Succeeds in Sacramento

The Northwest Communications & Energy Innovations Conference (NIC) travelled south this year, down to Sacramento, Calif., for the first time in the history of the conference. Over 100 attendees (including many first timers!), plus speakers, sponsors, and spouses, came to Old Town Sacramento, September 17-20, for a Locally Grown, Locally Owned conference that addressed hot topics such as social media, cybersecurity, electric vehicles, videos, surveys, and much more.

“One of the best parts of the NIC is the opportunity to meet those who are just entering our industry,” said 2017 Chair Libby Calnon of Columbia River PUD. “Utilities attract high-caliber people and meeting first-timers is a big reason I love going to the conference. I know they’ll give so much to their utilities and to our NIC community, which will help us all grow and improve.”

“The NIC is all it is billed to be and more,” said Blachly-Lane’s Pam Spettel, one of the many first-time attendees this year. “After attending my first NIC in Sacramento, I already have next year’s NIC in my 2018 budget!”

Matt Dunsmoor of Start With Why brilliantly opened the conference with insight and positivity that stayed throughout the week. Dunsmoor explained to everyone that the why is your purpose, cause, belief. He showed a staggering statistic from a Gallup study that of the 3 billion employed worldwide, 87 percent are disengaged, unmotivated, or generally unhappy at work. To be happier and more satisfied with their career—and even their lives—people should identify with why they do what they do, not the what they do. He linked this to our industry by asking if our consumers know why public power matters.



Fifteen of the NIC first-timers.

ready to relax and wind down a bit at Tuesday evening's awards banquet, which this year had a wine country casual look and feel—very appropriate for the area. As everyone dined and enjoyed local music from the Lost Sierra Ramblers, Planning Committee members presented the annual Excellence in Communications awards, Tom Hougan Award for Overall Communications, Lacy Peoples Award, Jim Brands Award, and People's Choice Award for photography. (See pages 6–7 for more information about the awards.)

However, it was back to business for the last half day of the conference on Wednesday morning with two final general sessions and an excellent optional half-day hands-on workshop with industry favorite and friend, Dave LaBelle, who taught students tips for taking better portraits inside and outside of their utility.

“From the record amount of entries for the communication and marketing awards to the packed general and break-out sessions, the 2017 NIC was a great showing of public power creativity,” said Ravalli Electric Cooperative's Jim Maunder, the 2018 NIC vice chair.

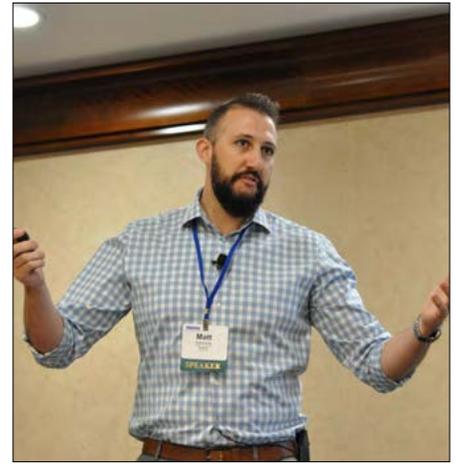
NWPPA and the Planning Committee thank all of the sponsors, attendees, and

speakers for their support of this year's conference! Please mark your calendars for the 2018 NIC, September 16-19, 2018, at the Coeur d'Alene Resort in Idaho.

“The NIC Planning Committee is excited to continue the great momentum from our 2017 NIC,” said Clatskanie PUD's Sarah Johnson, the 2018 NIC chair. “With a record number of Excellence in Communications entries and first-time attendees, it was a great success! But we definitely want to beat those records again in 2018 in Coeur d'Alene and are looking forward to providing another educational and energizing conference for our communications, energy efficiency, and marketing professionals.”

Look for more details about the 2018 conference in the *Bulletin* and on www.nwppa.org in the late spring. Interested in a presentation from the conference? Presentations can be found on www.nwppa.org under the Member Resources tab. For more photos of this year's NIC, search for #2017NIC on NWPPA's Facebook and Twitter pages.

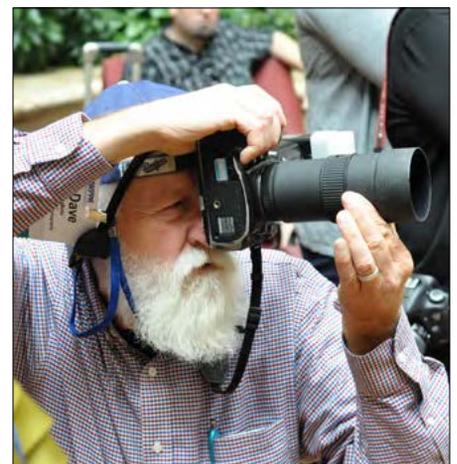
NWPPA



Matt Dunsmoor of Start With Why opened the conference with insight and positivity.



(L-R) 2018 NIC Chair Sarah Johnson and 2017 NIC Chair Libby Calnon collaborating during the conference.



Photographer Dave LaBelle showing how to take a great portrait.



2017 NIC PRESENTS A MULTITUDE OF AWARDS

At last month's Northwest Communications & Energy Innovations Conference (NIC), NWPPA presented a lot of well-deserved awards to utilities, a recently retired communicator extraordinaire, and a highly esteemed energy efficiency professional. All of the awards were presented at the NIC awards banquet at the Embassy Suites in Sacramento, Calif., on Tuesday evening, September 19.

Excellence in Communication Awards

Now in its 24th year, the Excellence in Communication contest recognizes the top communication efforts from NWPPA member utilities and associations. This year, NWPPA received a record-breaking 206 entries from 36 different utility and association members. Last year, NWPPA received 204 entries which had been a record number for one short year.

"We were grateful for all the utilities who took the time to enter the communications competition. Because of their efforts, we had a record-breaking number of entries this year. The quality of the entries—and the

competition—seems to improve just a bit each year too, which gives all of us a push to up our game," said 2017 NIC Chair Libby Calnon of Columbia River PUD in Deer Island, Ore. "I can't wait to see what 2018 brings. I fully expect we will break the record again."

Categories are broken up into four groups: Group A utilities having the smallest number of customers and Group D having the largest. Eight local marketing and communication professionals volunteered their time to judge the entries. A complete list of the first-, second-, and third-place winners can be found at www.nwppa.org.

Tom Hougan Award

In addition to the Excellence in Communication awards, NWPPA presented the 2017 Tom Hougan Award for the best overall communication effort to Emerald PUD of Eugene, Ore. With an average score of 45 points out of 50 possible, which includes their two first-place awards, and their four second-place awards, Emerald PUD won either first or second place in every single category they entered. One of their second-place awards had a score of 49.5

only to be beaten out by a perfect score in that category. Their lowest score was an impressive 44. Emerald PUD Public Relations Coordinator Patty Jo Angelini accepted the award on the utility's behalf at the banquet. Angelini said that "Communications Coordinator Kristine Lindemulder deserved credit, too, because they are a team at Emerald PUD."

People's Choice Award in Photography

After a successful first year in Montana at the 2016 NIC, the People's Choice Award in photography returned. Attendees viewed all of the photography submissions at Sunday night's opening reception and voted on their one favorite photo. Chelan PUD won the award with a photo of a Native American dancer at its River Ramble.

Lacy Peoples Award

The 2017 NIC Planning Committee selected Ruralite Services' Curtis Condon as this year's winner of the Lacy Peoples Award for his lifetime commitment to the public power industry and remarkable work in the areas of marketing and communication.

Condon worked for Ruralite Services and was in the public power business for 27 years until his retirement this July; Condon was their longest-tenured editor, holding the record at 25 years. During his time, he saw the *Ruralite* magazine circulation go from 250,000 to more than 440,000. He was an advocate for public power communications, stressing to his staff that *Ruralite* magazine is here to serve the members.

Condon is a Certified Cooperative Communicator and was a board member for the Statewide Editors Association until he retired. In 2015, he headed up a committee for Oregon to host the SEA Institute; it attracted statewide editors from around the country and helped shine a national spotlight on the Northwest.

First given to Lacy Peoples of Cowlitz PUD at the Consumer Services/Communications Conference in 1978, the award is now presented to recipients at the annual NIC.

Recent Lacy Peoples Award winners include Barbara Johnson of Tillamook PUD (2016), Larry Owens of Silicon

Valley Power (2015), and Teresa Lackey of Midstate Electric Cooperative (2014).

Jim Brands Award

The 2017 NIC Planning Committee selected Ravalli Electric Cooperative’s Jim Maunder as this year’s recipient of the Jim Brands Award for his lifetime commitment to the public power industry and remarkable work in the areas of energy efficiency.

Maunder has over 25 years in energy efficiency and in the utility industry, having started his career in 1992 at Missoula Electric Cooperative as an energy specialist and member services representative. After three years as a staking engineer at Missoula, he became the program manager for ENERGY STAR Homes Northwest in Montana. In 2006, Maunder joined Ravalli Electric Cooperative and has been manager of member services there ever since. In addition to overseeing REC’s marketing, energy efficiency, and community relations activities, he serves as the governmental liaison for energy efficiency issues.

After receiving the award, Maunder composed a haiku to express his appreciation: “I was so humbled/Jim Brands was a friend/Thank you very much.”

This annual award honors Jim Brands and his 35-year career in the electric utility and energy efficiency industries. Brands, a previous employee of NWPPA and longtime friend to the public power industry, passed away in 2014 from cancer at the age of 61.

Columbia River PUD’s Tim Lammers and Idaho Falls Power’s Van Ashton were the first two recipients of the award in 2015 and 2016 respectively. **NWPPA**

Join us next year in Coeur d’Alene
for the 2018 NIC



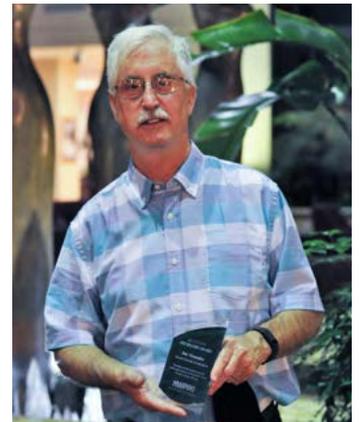
2017 Lacy Peoples Award recipient Curtis Condon.



(L-R) Ruralite Services’ Victoria Hampton, Duy Mai, Megan McKoy-Noe, and Jennifer Broun accepted the 2017 Lacy Peoples Award on Condon’s behalf.



(L-R) Clearwater Power’s Jeff Marshall presented the 2017 Tom Hougan award to Patty Jo Angelini, who accepted the award on behalf of Emerald PUD.



2017 Jim Brands Award recipient Jim Maunder.

NWPPA/APA
2017
Alaska Electric
Utility Conference
NOVEMBER 15–16, 2017

November and December 2017, and January 2018

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

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: 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.

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, utility commissioners and board members. Also, any civil and mechanical engineer, line worker, substation worker, apprentice, and support staff that has 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.

November 15-16, 2017—Anchorage, Alaska

ENTERPRISE RISK MANAGEMENT: CUSTOMIZE YOUR ERM PROGRAM

Who Should Attend: 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.

November 15-16, 2017—Seattle, Wash.

977.1 EQUITY MANAGEMENT AND BOARDROOM DECISION MAKING

Who Should Attend: Directors, policy makers, and general managers. This event is a pre-conference class for the ORECA Annual Meeting.

November 28-29, 2017—Salem, Ore.

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.

NWPPA/APA POT & POWER: A GROWING ISSUE FOR ALASKA UTILITIES

Who Should Attend: General managers, policymakers, operations managers, key accounts managers, and communications managers.

December 4, 2017—Anchorage, Alaska

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.

December 6-8, 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.

ADMINISTRATIVE PROFESSIONAL CERTIFICATE LEVEL 3: DAY 1—ORGANIZATIONAL DYNAMICS, TEAMS, AND DIVERSITY

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

December 12, 2017—Seattle, 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: DAY 2—PROJECT MANAGEMENT

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

December 13, 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.

ADMINISTRATIVE PROFESSIONAL CERTIFICATE LEVEL 3: DAY 3—GETTING SUPPORT FOR IDEAS; PRESENTATION SKILLS

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

December 14, 2017—Seattle, Wash.

ADMINISTRATIVE PROFESSIONAL CERTIFICATE LEVEL 3: DAY 4—PERFORMANCE MANAGEMENT, SELF APPRAISALS, AND GOAL SETTING

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

December 15, 2017—Seattle, Wash.

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.

January 9, 2018—Seattle, Wash.

PCB MANAGEMENT: FOUNDATIONAL & ADVANCED TRAINING

Who Should Attend: All utility operations and technical personnel, as well as employees who are involved in managing, handling, and maintaining records and EPA reports for PCB items and PCB waste.

January 10-11, 2018—Seattle, Wash.

SITUATIONAL SELF LEADERSHIP

Who Should Attend: Individual contributors and team members seeking to be more productive and satisfied at work; potential leaders who do not currently have direct reports; and anyone who reports to managers trained in Situational Leadership II.

January 17-18, 2018—Vancouver, Wash.

FOREMAN LEADERSHIP SKILLS #1: PREPARING FOREMEN FOR LEADERSHIP; LEARNING TO LEAD OTHERS

Who Should Attend: Foremen and crew leaders.

January 24-25, 2018—Portland, Ore. NWPPA

Enterprise Software Solutions



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NISC is a leading provider of utility and telecom software solutions and services. We offer robust and integrated solutions that feature automated workflows, electronic approvals, business intelligence reporting and more. Our business covers all functional areas including billing & customer service, mailroom services, accounting, engineering & operations, work management, meter data management, distribution analytics, payment channels and apps.



A Look Back at Public Power

50 YEARS AGO – 1967

Milton-Freewater Light Department reduced rates in all classifications by an average 8.4 percent (Ore.) ... Cowlitz County PUD filed for preliminary permits to study the feasibility of developing a pumped storage hydroelectric project on Merrill Lake (Wash.) ... Kodiak Electric Association applied for an FPC license to build a \$26.4 million hydroelectric power project on Terror River on Kodiak Island (Alaska) ... Central Lincoln PUD Foreman Jerry E. Barber received the Oregon Lifesaving Award for saving the life of coworker W. W. "Web" White by pole-top resuscitation ... With an REA loan to finance 66 miles of distribution line, Columbia REA increased its service to 1,870 consumers over 1,032 miles of line (Wash.).

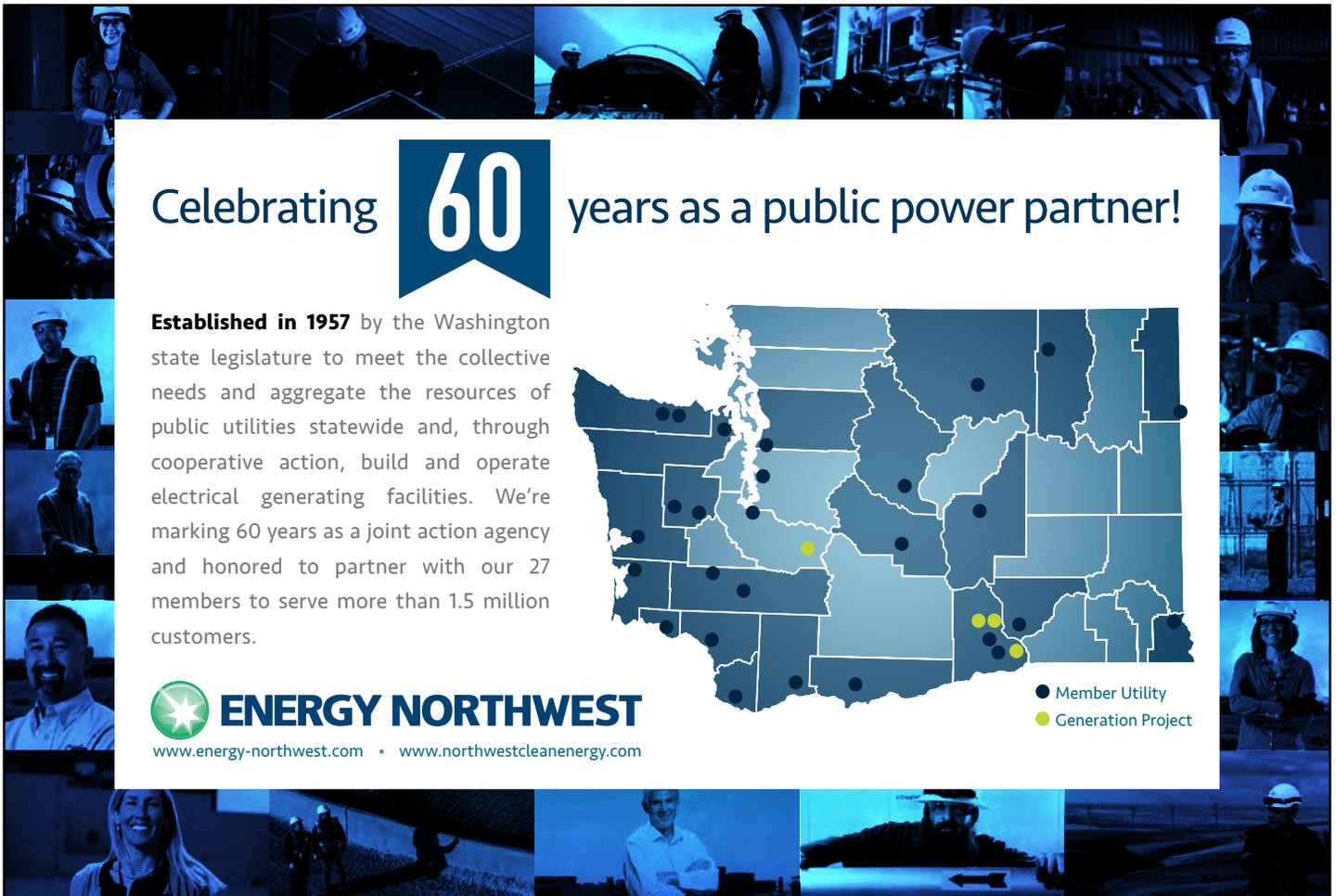
25 YEARS AGO – 1992

Northern Wasco County PUD created a new position of special projects development manager, which was filled by their general manager, Harold Haake, until a replacement was hired (Ore.) ... Robert Murray, previously of Northern Lights in Idaho, accepted the line superintendent position at Naknek Electric Association in Alaska ... Nearly 200,000

single-family residences received energy-saving shower-heads in a Seattle City Light energy conservation project that started in mid-July (Wash.) ... Clatskanie PUD began offering a distribution service for the Vials of Life program, which provides markable, refrigerated vials for medical emergencies (Ore.).

5 YEARS AGO – 2012

Chelan County PUD hired James M. "Mike" Coleman, a business executive with extensive experience at SBC Corporation, to oversee its fiber-optic network (Wash.) ... Flathead Electric Cooperative signed a two-phase power purchase agreement with the City of Whitefish, Mont., for the advance purchase of electricity generated from the city's hydroelectric generator ... Copper Valley Electric Association Member Services Manager Sharon Crisp received the Hatcher-Williams-Turkington Employee Award from the Alaska Power Association for exemplary service to her electric cooperative and community ... The City of Port Angeles received the 2012 Community Broadband Wireless Network of the Year award (Wash.). **NWPPA**



Celebrating 60 years as a public power partner!

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- Member Utility
- Generation Project

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

THE RIGHT LIGHT AT THE RIGHT TIME

Pend Oreille Saves Energy and Maintenance

By Kenna Tornow



Pend Oreille Serviceman Ben Huntley uses the ConnectLED app.

When asked about her recent experience converting the county's legacy street and area lighting to LED, Pend Oreille County PUD Engineering & Operations Project Coordinator Amy Sawyer said, "We are always looking at ways to serve our customers efficiently and to use the best products that we can."

While she describes Pend Oreille as a "small utility," serving the entire county means they serve four small towns plus the city of Newport, Wash.

"Most people live outside of the city," she said. "If we travel an hour to fix a light, that's real money and time."

Pend Oreille initially considered converting HPS to LED a few years ago. They even had a few test units installed. When Bonneville Power Administration announced the availability of funding to help with the conversion process, interest was truly piqued.

"HPS is very maintenance-heavy," said Sawyer. "HPS also uses somewhere between 4 to 5 kWh with a demand of

0.25. LED used between 1 to 2 kWh with 0 demand."

Engineering and Operations Director Chris Jones saw the Evluma AreaMax at the 2015 NWPPA E&O Conference and Trade Show, renewing his interest in a program.

"Per the guidelines set forth for public utilities, we went out to a sealed bid process. We thoroughly investigated all the brands submitted. Evluma came out on top," said Sawyer. "The quality of the product stood out immediately. When you pick up an Evluma light, you feel the quality in it."

In fact, several key features drew the attention of Sawyer and her team.

"The linemen love that the fixture is sealed. No bees can get into it. It seems like a silly problem, but when you're approaching a light and there is a beehive inside of it, and you can't see it until you're touching it—it's a big deal!" she explained.

Equally as important was the Photocell Failsafe™ feature built in to every AreaMax.

"That's a huge maintenance saver for us. Photocells on HPS don't last very long," said Sawyer. "For us, photocells were sometimes lasting as little as three and six years. We were hoping for them to last 10+ years."

With Failsafe, Pend Oreille could transfer and reuse all their old photocells further reducing cost.

Pend Oreille replaced their 100W, 150W, 200W, and 400W HPS fixtures, a total of 1,600 lights. They replaced the 100-200W HPS with the 70W AreaMax in 4000K CCT. They chose a 90W LED light from another manufacturer to replace the 400W HPS. It didn't have the same features as the AreaMax, but Pend Oreille felt that the light quality was about equal.

"Well, now that we're towards the end of our changeout, close to a half of our 400W customers have asked for the 70W light," said Sawyer. "They liked the AreaMax a lot, and it was bright enough for their purposes."

The ConnectLED app was also important to Pend Oreille.

"Not just for ease of use, but there's a safety component too," she said.

"Any time we're not having to have a

Pend Oreille provides service to the Kalispel Indian tribal lands and its pow wow ground (pictured).



guy put hooks on his boots and climb a pole, we're ahead on safety. It's one less opportunity for an injury and for hardship on the body. Our line crew, management, and safety department love that feature."

ConnectLED connects with the AreaMax luminaire via BLE, giving utilities the ability to disconnect/connect a light from service, set overall brightness, and create a dimming schedule without having to touch the pole. Pend Oreille ordered a license and tablet for both the north and south locations.

"There is 55 miles between the two linemen headquarters," she explained. "Keeping one at each location is prudent."

Pend Oreille started the change out in February 2017 and completed it in June.

"We hit it hard for a reason," said Sawyer. "In addition to the BPA incentive money, right before we were ready to start this program another grant opportunity appeared; we qualified for the Relight Washington Grant from the Transportation Improvement Board of Washington."

This grant, designed to help small cities lower their monthly bills, covers the LED replacement of any light paid for by the city. The AreaMax was the right light at the right time.

The Newport, Wash., Courthouse is on the corner of W Fourth Street & Scott.



"The high level of customer service made the change out even smoother," said Sawyer. At the last minute Pend Oreille requested a change to the factory-installed leads from 66 inches to 8 feet.

"The very next shipment had the longer leads. We are happy with the quality of the product, the price, and the customer service," said Sawyer. "There is a measure of comfort to all of us that we are installing a device that we are not going to have to come back and deal with for a while. I could see how we could go to this as the only light that we offer." **NWPPA**

Kenna Tornow is the communications and public contracts manager at Pend Oreille County PUD. She can be reached at (509) 447- 9328 or ktornow@popud.org.



The Cowlitz Falls North Shore Collector's pump-back discharge structure and pipeline run directly through Lewis County PUD's Cowlitz Falls Dam.

COWLITZ FALLS NORTH SHORE COLLECTOR IS AN ENGINEERING FEAT IN A TINY FOOTPRINT

By Monika Sundbaum

Question: When is it OK to carve two giant holes in a dam?
Answer: When they enable building a phenomenal fish collector that supports restoring natural-origin fish populations on the Cowlitz River in Lewis County, Wash.

Tacoma Power's new Cowlitz Falls North Shore Collector runs right through the Cowlitz Falls Dam. The collector is part of a long-term agreement Tacoma Power signed in 2014 with Lewis County PUD, the dam's owner, and BPA, which originally owned the dam's fish facilities. The agreement allowed Tacoma Power to take ownership of the existing fish facilities, remodel them, and build the new collector to help restore fish populations on the river where the utility operates two dams of its own.

"Our ultimate goal is fish population recovery on the Cowlitz River, where we own Mossyrock and Mayfield dams and two hatcheries. Building this collector to help improve our fish collection rate is a critical step in helping us achieve that goal," said Tacoma Power Generation Manager Chris Mattson. "Plus, this collaborative agreement gives us the flexibility and freedom to try new approaches."

Promising results

The \$35.5-million collector has been running continuously since it was fired up on April 17. Despite one of the most dynamic and challenging water years on record, the collector has shown promising results. Although capture rates are

still below the utility's 95-percent fish passage survival goal, preliminary findings indicate that steelhead and coho collection has improved by 15 to 20 percent, and Chinook as much as 40 percent relative to similar water years.

"What's even more encouraging is that more than 95 percent of the Chinook collected are coming in through the new collector entrance versus the flumes from the older, existing facility," said Tacoma Power Adaptive Program Manager Matt Bleich. "But it is important to note we are still in the very early stages and have a lot to learn."

Tacoma Power engineers and biologists took innovation to the next level and built the collector with responsiveness in mind.

"This is an incredible, world-class collector," said Tacoma Power Natural Resources Manager Keith Underwood. "The ability of this collector to shift operations and adapt to seasonal environments is like nothing we've seen before."

Some of its unique features include:

Tailrace discharge gates: Water can be spilled out of the collector to support Lewis County PUD operations while continuing to capture juvenile fish.

Diffuser pump-back system: Four pumps (with room to expand) can move up to 520 cubic feet of water each second through the collector and then back upstream into Lake Scanewa, minimizing impacts to Lewis County PUD operations.



Two holes were cut into Lewis County PUD's Cowlitz Falls Dam to accommodate Tacoma Power's new Cowlitz Falls North Shore Collector.



To help restore fish populations on the Cowlitz River, Tacoma Power built a new fish collector at Lewis County PUD's Cowlitz Falls Dam and will begin remodeling the existing Cowlitz Falls Fish Facility in 2018.

Automation: A sophisticated SCADA system connects the machine to the operator, a trash rake can grapple logs collected at the entrance, and there are back-wash cleaning systems for the dewatering screens that help maintain safe fish passage throughout the collector.

Flexibility: The retention zone ramp section pivots in several points, which allows the geometry of the floor to be adjusted, and the hydraulics can be changed within the capture zone to increase and decrease the velocity to provide a more attractive hydraulic profile.

Balancing act

Tacoma Power worked with multiple state and federal agencies, the Yakama Tribe, and other organizations to design and site the collector.

“One of the challenges was building the right concept in the right place with the right philosophies,” Bleich said. “We had a decade of data that fed into a series of concepts, but the other options were determined to be less effective and, in many cases, also less cost-effective.”

Bleich added that another huge consideration was the fact that Tacoma Power was building the collector on a dam belonging to another utility.

“We have worked with Lewis County PUD, BPA, and the Washington Department of Fish and Wildlife to figure out how to cooperatively support flexibility in power generation while still optimizing fish collection and attraction,” Bleich said. “This will be an ongoing process and we’ll continue to adjust as needed.”

Things are swimming along

Bleich says this has been a great shakedown year for the collector; he even plans to exercise the facility beyond its normal April to August operating schedule this year.

“We plan to run it through November to understand its biological and operational limits so we can figure out how to

be the most effective from a fish management and recovery standpoint,” Bleich said.

Tacoma Power is currently acquiring and analyzing baseline performance data.

“We are looking at discovery, entrance, retention, and collection efficiency measures to understand how effective the collector is in different phases; this will help us make any necessary adjustments to maximize performance into the future,” Bleich said.

Underwood added that the team will make well-thought-out decisions through the implementation of its adaptive management plan.

“We are collecting sufficient information to follow our plans with a stepwise, measured approach,” Underwood said.

Tacoma Power will also begin remodeling the adjoining fish sorting and handling facility in 2018.

“We’re focusing on making sure that the facility will be able to handle the larger numbers of collected fish anticipated and that it’s built ergonomically so staff can work efficiently,” Bleich said.

This collector is just one tiny cog in the entire Cowlitz fisheries machine.

“We must consider our role in hatchery production, habitat improvements, fisheries management, and the harvest in and out of the basin,” Bleich said. “Tacoma takes our role in these responsibilities very seriously, which is why we are investing so heavily with time and resources as we work toward the recovery of self-sustaining fish populations.” **NWPPA**

Monika Sundbaum is a community relations specialist who works on natural resource issues for Tacoma Power. She can be reached at msundbaum@cityoftacoma.org or (253) 502-8636. For more background, check out the January 2015 NWPPA Bulletin cover story, “Fish, resources, and utilities win with trilateral collaboration.”

Pleased to Present:

MORE POWERFUL TOGETHER



Standing in front of a group of public power general managers, board directors, and commissioners, I've often wanted to ask how many consumers they have who can recall—who can truly tell the story—the day electricity lit up their home, business, barn, or irrigation pump.

In the 30s, 40s, and 50s, you didn't have to talk about why public power mattered. People lived it. They lived the difference from one day to the next of a life-changing phenomenon—what we would call a quality of life game changer today.

Fast forward to 2017 when, by and large, consumers have lost the stories of the many benefits of electrification.

The NWPPA Board of Trustee has long been a collaborative of visionaries. In the earliest days of public power in the Northwest, they created this wonderful association that has well served and enhanced the success of its members.

More recently, the board talked about how the message of why public power matters has gotten diluted or lost; and how consumer interest has waned. How communities don't celebrate, or even know about, the contributions their local public power utility and employees make as part of the fabric of the community. How consumers turn to Home Depot, Costco, or the Internet as the energy expert. How the innovation between a utility and its consumers isn't recognized for the value it has to the utility and the consumer. Put simply: we've lost the two-way engagement.

But we are working to get that engagement back starting this month. In partnership with Ruralite Services, Inc., we have launched a program to reignite the utility-consumer dialogue through communicating how we are More Powerful Together.

Over the past year, NWPPA and Ruralite did the homework, did the research, held the focus

groups, took in lots of feedback, and tested material with communicators, general managers, and board members.

Unveiled at the Northwest Communications and Energy Innovations Conference (NIC) last month in Sacramento (and available now!) is the first of four themes: Local. By local we mean more than a locally elected board or commission, but local as in a discussion with friends and neighbors.

Each of the four themes will run for three months with ads, social media suggestions, editorial content, and other support material available at no cost to members at www.nwppa.org/mpt. The only branding on the material is your local utility (not NWPPA nor Ruralite Services) and you can customize the templates. All of the materials are designed with the Northwest in mind, giving them a special regional look and feel. We are using the hashtag #MorePowerfulTogether to promote it—and I invite you to do the same in your social media outlets.

Throughout the next 12 months, the theme will change from Local to Innovative to Expert and finally to Driven. Driven was an important one suggested by focus group feedback; we mean it as driven to support economic development, low rates, and being the best at enhancing the success of consumers and community. All with consideration of the two-way relationship that makes a utility and their consumers more powerful together.

We hope every one of our 153 utility members will take More Powerful Together: Local out for a test drive. Just as NWPPA is more powerful together as an association of public power members and associate members, so are each of you #MorePowerfulTogether with your consumers and communities. **NWPPA**

Anita J. Decker
Executive Director, NWPPA





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Washington Native Joins Pend Oreille

Pend Oreille County Public Utility District (Newport, Wash.) has hired **Kenna Tornow** as communications and public contracts manager.

Tornow comes to the PUD from Gallatin Public Affairs where she consulted with clients on media relations, crisis communications, and government affairs. She will leverage her experience with Gallatin to help build and grow the PUD's existing brand, connect with the public, deliver information, and oversee all contracts for the PUD.

"A major component of providing quality service is open communication," said PUD General Manager **Colin Willenbrock**. "Kenna will help the PUD continue that open dialogue so the commissioners and our team can make informed decisions about what our customers need out of their utility."

The Eastern Washington University journalism grad was also a writer for the student newspaper and interned at KHQ-TV. With her established journalistic background, she will be able to craft informational releases about the PUD for the public.

Tornow grew up in Chehalis, where she inherited her family's knowledge of agriculture and business. She is a proud EWU football fan, and a huge supporter of the Seahawks and Mariners. **NWPPA**



Jefferson PUD's GM Announces Retirement

After nearly 24 years of service, Jefferson County PUD (Port Townsend, Wash.) General Manager **Jim Parker** is starting the next chapter in his life. Parker and the Jefferson County PUD Board of Directors have signed a separation agreement. His last day on the job was September 19, 2017, at which point he started to take his hard-earned, accumulated paid time off. Parker will remain available to assist the PUD as needed and officially retire on February 1, 2018.

Jefferson County PUD was a small water utility serving about 500 customers with five employees when Parker first took the helm in March 1994. In 2008, the residents voted to have the PUD acquire the electric utility from the private company then serving East Jefferson County. He obtained financing and negotiated the terms of the purchase, and the PUD became an electric utility on April 1, 2013. The PUD now has almost 50 employees and serves approximately 5,000 water, 500 sewer, and 19,000 electric customers.

Parker and his wife plan to remain in the Port Townsend area. He is looking forward to opportunities to travel and spend time with family and friends. Assistant General Manager **Kevin Street** has assumed the general manager duties while the board conducts a search for Parker's replacement. **NWPPA**

Alaska Announces Power Pledge Challenge

Over 2,000 Alaskan students will learn about energy efficiency this month and compete for prizes statewide as part of the Power Pledge Challenge. Utilities and organizations from Mat-Su, Anchorage, Kenai Peninsula, and Juneau host the challenge as part of Energy Awareness Month, recognized every year in October. In the challenge, students complete a hands-on activity from the AK EnergySmart curriculum, learn how to calculate their energy usage, and learn ways to reduce their usage at home. They then conduct an online home energy audit with their families and identify specific actions they will take to use energy more efficiently.

Over the past five years, this challenge has grown from 700 students in Anchorage to more than 2,200 throughout the state competing for regional and statewide prizes. Last year's statewide prize-winning teacher, **Mayme Troutman** from Wasilla Middle School, said, "It's important for students to be aware of the concept of energy and how it affects them. In 8th-grade physical science, the students take a deeper look at how energy is changed, transferred, and the monetary/environmental impacts energy has on everybody."

Each region will award one class with a pizza party with a special guest and/or power plant tour. The statewide grand prize is a pizza party and \$1,200 worth of energy-related classroom supplies. **NWPPA**

Cowlitz Honors Employee's Heroism

When Cowlitz PUD Meter Reader and Service Representative **Leah Byrnes** was finishing up a long work day in the outskirts of Woodland, Wash., she never expected to be the first on the scene of a critical car wreck involving three high school students, a husband, and his wife. Byrnes immediately put her flagging experience to work and began directing traffic at the busy intersection. She provided water for the victims and was a source of great comfort for the victims and additional witnesses.

In the weeks following the accident, Cowlitz PUD received numerous accolades for her efforts. On August 22, the Cowlitz PUD Board of Commissioners adopted a resolution honoring Byrnes' heroic actions. **NWPPA**



(L-R) Commissioner Kurt Anagnostou, Leah Byrnes, Commissioner Dena Diamond-Ott, and Commissioner Dave Quimm.

GVEA's Nordmark Receives Mason LaZelle Award

At Alaska Power Association's awards banquet during their annual meeting in Kodiak, they recognized the work of exceptional Alaskans who have contributed extensively to the electric utility industry and its consumers. Golden Valley Electric Association Board Member **Bill Nordmark** of Healy was honored with the Mason LaZelle Achievement Award. This award recognizes extraordinary contributions to the electrification effort in Alaska and service to one's community.

Nordmark is a former NWPPA Board president and NWPPA couldn't be prouder of him! [NWPPA](#)



(L-R) Barrow Utilities General Manager Ben Frantz presents the Mason LaZelle Award to GVEA Director Bill Nordmark.

MEA Rate Case Approved

The Regulatory Commission of Alaska has approved Matanuska Electric Association's (Palmer, Alaska) rate case, including adjustments to the cooperative's revenue requirement and rate design. This was the final step in MEA's transition to a self-generating utility from an all-requirements power purchaser.

The June 30, 2017, filing includes an overall 2.75-percent total increase to base rates. Because base rates account for only part of a monthly bill, a typical MEA member, using 680 kWh, will see less than a 1-percent increase to the overall monthly bill of about \$1.12 per month.

"Prompt approval means cost savings for MEA members," said MEA General Manager **Tony Izzo**. "It is a direct reflection of the hard work and careful planning from our board, management team, and employees."

Members will see changes to the two components of their bills that make up base rates: the Facilities Charge (a fixed monthly charge that allows recovery of some of the infrastructure necessary to deliver power) and the Energy Charge (the cost per kWh used).

The Facilities Charge will increase to \$13.00 (from \$5.65) for single phase users and to \$30.00 (from \$13.37) for three-phase users. This is the first increase of this flat monthly charge since 1999, despite the rising cost of doing business, and it brings MEA's charge closer to the average of the other Railbelt utilities.

The increase of this monthly charge allows the per-kWh Energy Charge to decrease for MEA's typical member (from \$0.12556 to \$0.11640 per kWh). This will have a leveling impact to most members' bills and reduce seasonal fluctuations. The change also ensures high energy users are not subsidizing low energy users.

"The adjustment to our base rate structure means that the cost per-kWh is less for our members," said Izzo. "This will be helpful during the upcoming winter season." [NWPPA](#)

VCEA Selects SMUD to Provide Energy Services

SMUD (Sacramento, Calif.) announced on September 1 that it has been selected to negotiate a services agreement to provide Valley Clean Energy Alliance with technical and energy services, data management/call center services, wholesale energy services, credit support services, and up to five years of business operations support.

VCEA—a new community choice aggregation (CCA) joint powers agency—is set to begin serving electricity customers located within the cities of Davis and Woodland and unincorporated areas of Yolo County in the summer of 2018. VCEA's mission is to deliver cost-competitive clean electricity, price stability, energy efficiency, and greenhouse gas reductions.

This is SMUD's first services agreement in the fast-growing CCA market.

"We're excited that VCEA has chosen SMUD to help launch and operate the first CCA in our region," said SMUD CEO and General Manager **Arlen Orchard**. "We have the operational knowledge and technical expertise to help VCEA hit the ground running on day one and be successful over the long term."

CCAs are a means for cities, counties, and some special districts to buy power for their communities. Also known as Community Choice Energy, the ability to form them was created with state legislation in 2002. They can be formed only in the service territories of investor-owned utilities, such as Pacific Gas & Electric, Southern California Edison, and San Diego Gas & Electric. By the end of 2017, approximately 13 CCAs will be operating in California. More than 20 additional communities are considering CCAs. [NWPPA](#)

Kootenai's Maddalone Earns CLCP

Kootenai Electric Cooperative (Hayden, Idaho) Safety Director **Thomas Maddalone** recently completed an intensive program in electric utility safety and loss control to become a Certified Loss Control Professional. The Loss Control Internship is a series of workshops offered by the National Rural Electric Cooperative Association in conjunction with the National Utility Training and Safety Education Association. The program is designed to instruct participants in many areas related to electric utility industry safety.

Maddalone is one of only a few electric utility professionals in the country that will receive the certification this year. The program requires participants to complete a rigorous series of seminars and tests, a 30-hour OSHA course, and a detailed final course project. Loss Control participants go through four six-day sessions that are designed to challenge and educate participants in new, innovative safety techniques. Participants must also maintain their certificate by attending courses every year to stay on top of changes in the industry.

Maddalone has been with Kootenai Electric Cooperative for about a year. He went to Colorado Mesa University where he earned his Electrical Lineworker Certificate. [NWPPA](#)



OPALCO Submarine Cable Named for George Goff

Last month, a historic event took place to ensure that Washington state islanders can maintain their quality of life for the next 50+ years: OPALCO (Eastsound, Wash.) installed 13,596 feet of a new, efficient, and modern submarine cable in the crossing between Lopez and San Juan islands.

More than 30 OPALCO co-op members entered a contest to name the submarine cable. The winning name is the George Goff Memorial Cable, or George for short. **George Goff** was the San Juan District line superintendent for 34 years (1962-1996) and was instrumental in building OPALCO's reliable electric system.

Seven runners up in the contest won golden tickets for the chance to ride on the charter boat to witness the cable installation up close.

Replacing a cable installed in 1977, George is a well-armored cable built to last by Sumitomo USA. George has greater power capacity: each of the three phases of electrical conductor within the cable can independently carry the entire load of San Juan, Brown, Pearl, Henry, and Speiden islands. Also, George includes 144 strands of fiber optics for remote monitoring of the cable itself, redundancy in the communications connection to the mainland, and increased capacity for county-wide fiber communications.

Learn all about George at www.opalco.com/submarine. Regular updates and photos will be posted online. Follow us on Facebook (orcaspower) for real-time photos and videos of the installation. **NWPPA**



George Goff, OPALCO superintendent circa 1970. Pictured with: (L-R) Donald White, Buyral Madan, Neil McLachlan, Max Weidel, James Cabail, Allen Thompson, and Robert Fralic.

WPUDA Welcomes New Policy Director

On October 2, **Nicolas Garcia** joined the Washington Public Utility Districts Association staff as its new policy director.

Garcia comes to WPUDA from Tacoma Power where he served as the assistant power section manager in charge of the Energy Resource Planning and Evaluation unit. In this capacity, he was responsible for long-term resource planning, conservation planning and evaluation, compliance with the Energy Independence Act, long-term energy price forecasting, and administering the BPA power supply and transmission contracts. Garcia worked closely with Tacoma Power's legislative liaison to assess the implications of legislative bills on the utility and was active in a number of regional forums such as the Public Generating Pool.

Prior to Tacoma Power, he worked at the Washington Utilities and Transportation Commission, the Washington State Energy Office, the Washington Department of Ecology, the Federal Office of Management and Budget, and the US Army Corps of Engineers. Garcia received a bachelor's degree in civil engineering from the University of Washington, and a master's degree in public policy from Harvard University.

"WPUDA has an outsized presence in legislative and regulatory policy development for the energy, water, and telecommunications industries," said Garcia. "I hope that my skills and experience, in combination with the WPUDA team and member utilities, can further and build upon this presence to benefit the people served by Washington public utility districts." **NWPPA**



Grode Honored by Douglas County PUD

Douglas County PUD Commissioners **Ronald E. Skagen** and **Molly Simpson** awarded Distribution Superintendent **Loren Grode** with his 30-year service award during the September 11 Commission meeting held at the District's East Wenatchee, Wash., office.

Commissioner Skagen thanked him on behalf of the citizens of Douglas County for his years of service. Grode thanked the Commission and said, "It has gone fast. Lots of good people welcomed me when I started in Bridgeport. It's like a big family." **NWPPA**



(L-R) Commissioner Skagen, Loren Grode, and Commissioner Simpson.

Columbia River PUD Reduces Dyno Nobel's Electric Usage

By adopting new technology, Dyno Nobel will reduce its energy use. This will save the Deer Island, Ore., plant money on its monthly power bills. Dyno Nobel recently completed a project as part of its continuous effort to improve operations. The project will conserve 176,600 kilowatt-hours annually. That's enough electricity to power 13 average Columbia County homes every year.

Dyno Nobel overhauled the plant's control system, replacing a pneumatic system with electronic controls. The new controls provide more accurate data more quickly. This allows Dyno to operate more efficiently.

Besides being more efficient, the new control system also reduces energy use. The old system ran off of an air compressor. By switching to electronic controls, Dyno lowered its energy load.

"We modernized our control room. We are getting away from pneumatic controls," said Process Improvement Engineer **Kristina Balch**. "That unloaded our instrument air compressor, which reduces our energy use."

Cutting the air compressor's use saves Dyno money on its monthly power bill.

Not only will Dyno Nobel lower its monthly bill, the company received a rebate for its project. Dyno worked with Columbia River PUD Energy Services Supervisor **Tim Lammers** on the rebate.

Upon completion of the project, the PUD rebate paid Dyno 25 cents per kilowatt-hour saved. That came out to \$44,159.77. Rebates are funded by Bonneville Power Administration and administered by the PUD.

"The plant is really working hard to continually upgrade their business processes. This project will conserve energy, which helps in that effort," Lammers said. "This project is good for Dyno's business, and that's good for the community." **NWPPA**



Dyno Nobel received a \$44,159.77 rebate from Columbia River PUD for energy conservation. (L-R) Dyno Nobel Instrumentation & Electrical Supervisor John Albertini, Dyno Process Engineer Kristina Balch, Columbia River PUD General Manager John Nguyen, PUD Energy Services Supervisor Tim Lammers, and Dyno Site Manager John Bob.

General Manager Doug Miller Bids Adieu

Pacific County PUD (Long Beach, Wash.) General Manager **Doug Miller** was recognized for his decades of service at the PUD during a surprise luncheon held in his honor last month.

Miller retired at the end of September and PUD commissioners, staff, representatives from other PUDs and organizations, and the community gathered to wish him well and thank him for his many years of service.

Miller has served as general manager since 2004, but started his career at the PUD as an intern during the summer of 1978. Miller was hired full time as a distribution engineer in 1979 before being promoted as chief of engineering and operations manager in 1989; a position he remained in until being named general manager.

Miller has served in leadership roles in the Washington PUD Association, as chairman and vice chair of the Energy Committee, and chair and vice chair of the Managers Committee.



Commissioner Mike Swanson presents Doug Miller with a plaque recognizing him for nearly 40 years of service to the PUD.

NWPPA

Benton PUD Implements Rate Increase

Benton PUD (Kennewick, Wash.) Commission approved an overall 1.9-percent retail rate increase to all customer rate classes effective October 1, 2017. The increase is directly attributed to the Bonneville Power Administration's 5.4-percent average wholesale rate increase effective the same day. BPA is the primary provider of power to Benton PUD and its customers.

For a Benton PUD residential customer, the increase will be applied to the residential daily system charge which will increase from 55 cents per day to 62 cents per day. The residential rate per kilowatt-hour will remain the same.

For an average Benton PUD residential customer, this will result in an increase in the average monthly bill from approximately \$113.40 to \$115.50 (a 1.9-percent increase). The median monthly residential bill for comparable Northwest utilities is \$122.

For all other customer classes, the 1.9-percent increase will apply to daily system charges or demand charges (where applicable).

The need for a revenue increase is directly attributed to BPA's 5.4-percent average wholesale rate increase effective October 1, 2017. BPA's increase impacts Benton PUD by 3.8 percent.

Benton PUD's last overall revenue increase was 4.9-percent in September 2016. **NWPPA**

ABB to Acquire GE Industrial Solutions

On September 25, ABB announced the acquisition of GE Industrial Solutions, GE's global electrification solutions business. GE Industrial Solutions has deep customer relationships in more than 100 countries and an established installed base with strong roots in North America, ABB's biggest market. GE Industrial Solutions is headquartered in Atlanta, Ga., and has about 13,500 employees around the world. In 2016, GE Industrial Solutions had revenues of approximately \$2.7 billion; ABB will acquire GE Industrial Solutions for \$2.6 billion. The transaction will be operationally accretive in year one.

"With GE Industrial Solutions, we strengthen our number 2 position in electrification globally and expand our access to the attractive North American market," said ABB CEO Ulrich Spiesshofer. "Combined with the long-term strategic supply relationship with GE, this transaction creates significant value for our shareholders."

GE Industrial Solutions will be integrated into ABB's Electrification Products division, resulting in a unique global portfolio and very comprehensive offering for North American and global customers. Included in the acquisition is a long-term right to use the GE brand. ABB will retain the GE Industrial Solutions management team and build upon its experienced sales force.

Given this transaction, ABB has decided to put the previously announced share buyback program on hold.

The transaction is expected to close in H1 2018, subject to customary regulatory clearances.

ABB is a pioneering technology leader in electrification products, robotics and motion, industrial automation, and power grids, serving customers in utilities, industry, and transport and infrastructure globally. For more information, visit www.abb.com. **NWPPA**



Novinium Establishes Environmental Stewardship Award

Novinium, provider of electrical cable rejuvenation for power utilities, announced the creation of a new, environmental stewardship award to honor the environmental commitment of electrical utilities that choose rehabilitation over replacement of their aging, underground power networks. Electrical cable rejuvenation allows existing electrical cable to be recycled in place, eliminating the waste created by otherwise abandoning and replacing failing electrical cable.

"Rejuvenating cable instead of replacing cable is less impactful to landscapes and habitats," said **Glen Bertini**, CEO and president of Novinium. "Minimizing the number of cables abandoned in the ground is good for business and good for the environment."

Cable rejuvenation saves valuable resources—not only the copper, aluminum, and polyethylene used to make the cable itself, but the diesel fuel used to transport it.

Novinium will present this award to the top 10 utilities using cable rejuvenation, based on the number of feet injected by each utility in a calendar year.

"This new award helps boost our industry's reputation and is a tangible recognition of a utility's commitment to environmentally responsible solutions," said **Jon Engman**, CFO of Novinium.

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**

SEDC Helps Utilities Promote NCSAM

October is National Cyber Security Awareness Month, and this year's theme is Our Shared Responsibility. We're all responsible for the safety and integrity of the Internet, and SEDC is making a pledge to educate everyone they can about safe browsing practices and cyber awareness in general.

SEDC's CRI Team has put together a Social Media Kit to help utilities promote cybersecurity to their customers and members through social media channels. They've crafted suggested posts and created eye-catching graphics for Facebook, Twitter, Instagram, and LinkedIn. For each of the five weeks of NCSAM, they've created three posts for each of these channels, plus a short, educational (and entertaining) video to share each week.

The Social Media Kit is available to every utility free of charge, because SEDC believes that cybersecurity really is Our Shared Responsibility.

They'd love to share the Kit with you! If you or someone at your utility would like a copy of the Social Media Kit, including all of the posts, graphics, and videos, please let SEDC know through their Contact page.

For nearly four decades, SEDC has been a leader in the development of innovative utility software solutions. For more information, visit www.sedata.com. **NWPPA**

CoBank Announces 2017 Board Results

On September 21, CoBank, a cooperative bank serving agribusinesses, rural infrastructure providers, and Farm Credit associations throughout the United States, announced results of stockholder elections for the bank's 2018 board of directors.

Five board seats were on the ballot and those elected were: **Daniel T. Kelley**, owner/operator of Kelley Farms; **Benjamin J. Freund**, owner/operator of Freund's Farm, Inc.; **Kevin G. Riel**, president/CEO of Double 'R' Hop Ranches; **Brandon J. Wittman**, CEO and GM of Yellowstone Valley Electric Cooperative; and **Jon E. Marthedal**, owner/operator of Marthedal Farms.

"On behalf of the entire board, I extend our congratulations to all five successful candidates and our gratitude for their service to CoBank," said **Everett Dobrinski**, chairman of the board.

Congratulations from NWPPA to Whitman, whose board member, **Dave Kelsey**, sits on the NWPPA Board of Trustees.

CoBank is a \$125 billion cooperative bank serving vital industries across rural America. The bank provides loans, leases, export financing, and other financial services to agribusinesses and rural power, water, and communications providers in all 50 states. For more information about CoBank, visit www.cobank.com. **NWPPA**

Burns & McDonnell Completes Lab

As part of an effort to assist the T&D industry in meeting today's demands, Burns & McDonnell has completed a large-scale expansion of its Asset Health Center, a facility dedicated to analytics, data collection, and testing of advanced new power equipment being deployed in response to an upsurge in renewable power sources and other distributed generation being connected to the grid. Completed for \$100,000 at the firm's World Headquarters in Kansas City, the Center serves as an equipment testing and demonstration resource free of charge for current clients.

The newly upgraded Burns & McDonnell Asset Health Center will enable real-time testing and demonstration of substation monitoring equipment and automation systems, enabling better prediction of failures and equipment deterioration. The Center will enable Burns & McDonnell to work closely with equipment vendors and suppliers to determine the resolution and data required for developing algorithms needed for predictive modeling that will enable better planning for maintenance to prevent outages and other disruptive events.

The expansion has organized lab equipment for more efficient testing between automation systems, remote terminal units and relays, and their associated networking systems. The new equipment expands existing capabilities in development of settings and testing of automated systems such as Remedial Automation Schemes and Substation Automation Schemes protective relaying of grid networks. It also expands existing facility support for advanced substation protocols, such as 61850.

Burns & McDonnell is an employee-owned, Kansas City-based firm made up of more than 5,700 engineers, architects, construction professionals, scientists, and consultants. For more information, visit www.burnsmcd.com. **NWPPA**

Tantulus CEO Honored for Global CEO Excellence

Last month, Tantulus Systems, a leading provider of smart grid solutions for electric and multi-commodity utilities, announced that Chief Executive Officer **Peter Londa** received the 2017 Distribution Grid CEO of the Year Award from the Global CEO Excellence Awards program. Tantulus was also recognized as Best Smart Grid Solutions Provider.



Londa was recognized for his vision and success in the smart grid industry and his role in guiding the team at Tantulus, which is delivering unparalleled innovation that is catapulting the company's growth. Over the past three years since Londa joined the company, Tantulus has more than doubled its customer base, increased its product offerings, and successfully completed the acquisition of Energate, a leader in interactive demand management solutions.

"Tantulus' mission is to deliver a comprehensive suite of solutions to promote the viability, profitability, and overall sustainability of utilities," said Londa. "It is humbling to receive this recognition from *CEO Monthly* as our team continues to expand the reach of our smart grid platform and drive responsible use of electricity and other natural resources within global communities."

The Global CEO Excellence Awards are an annual program organized by *CEO Monthly* magazine.

Tantulus was simultaneously recognized for its innovation in providing electric and multi-commodity utilities with a robust edge computing communication network and enhanced software solutions and services.

Tantulus provides TUNet®—the Tantulus 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, visit www.tantulus.com. **NWPPA**

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THE NEW FERC:

What We Can Expect for Public Power

By Nicole Case

On August 10, the energy industry breathed a sigh of relief. Neil Chatterjee and Robert Powelson were sworn in as commissioners at the Federal Energy Regulatory Commission, restoring a quorum. The five-seat Commission had been without a quorum since February 2017 when former chair of the Commission, Norman Bay, resigned. At his resignation, FERC Commissioners Cheryl LaFleur and Colette Honorable were the only commissioners remaining. Collette's term expired in June, leaving Cheryl LaFleur as the lone commissioner. During those six months without a quorum, the Commission suspended monthly meetings, leaving work on oil and gas pipelines, hydroelectric and liquefied natural gas projects, and interstate electric transmission projects languishing while the energy industry waited on President Trump's nominations.

The Commission hopes to be at full strength soon after the Senate Energy Committee approved nominees Rich Glick and Kevin McIntyre last month. At the time of writing this article, their nominations await a full Senate vote which could take a week or months. In the meantime, FERC held its first Commission meeting since earlier this year. While the heavy-lift issues look to be awaiting confirmation of Glick and McIntyre, the Commission is on its way to business as usual.

If Glick and McIntyre are confirmed by the U.S. Senate, the Commission will have gained four new members, all of whom

are attorneys or have law degrees, a couple have over a decade of experience in public policy on energy issues, and at least one is a leader in energy regulatory work at the state level. Here is a quick bio on each commissioner and nominee.

Cheryl A. LaFleur

Cheryl LaFleur is on her second term as a commissioner. Nominated by President Obama in 2010, LaFleur was appointed acting chairman until August 10, 2017, by President Trump. This was her second stint as acting chairman. She also served as chair of the Commission from July 2014 to April 2015. Prior to being sworn in as a FERC commissioner, LaFleur was executive vice president and acting CEO of National Grid USA in New England.



"Commissioner LaFleur has been a consistent force on the Commission. Her door has always been open to NWPPA to hear our concerns and perspectives. I look forward to continuing to work with LaFleur in the future," said NWPPA Executive Director Anita Decker.

Neil Chatterjee

Neil Chatterjee, the current acting chairman of the Commission, was most recently a long-time senior policy advisor to the Senate Majority Leader Mitch McConnell (R-Ky.). A native of Kentucky, Chatterjee was a lobbyist for the National Rural Electric Cooperative Association for a number of years before returning to Capitol Hill as an aide to McConnell. A lawyer with both policy and political smarts, Chatterjee understands electric cooperatives and the low-cost, locally controlled ethic of public power.



“Chatterjee is a rare blend of personality, policy, and politics. He will be an outstanding FERC commissioner and will have an open-door policy for public power,” said Ted Case, executive director of the Oregon Rural Electric Cooperative Association.

Robert F. Powelson

Robert F. Powelson was most recently the chairman of the Pennsylvania Public Utility Commission, a position he held since 2011. He was appointed to the PUC in 2008. In his testimony during his nomination hearing before the Senate Energy Committee, Powelson stated that he is “a steadfast supporter of competitive markets.” He commends work of the Pennsylvania PUC in enhancing the competitive market in its state. Powelson acknowledged that “what works in Pennsylvania does not necessarily work in other markets,” and pledges to “value the variety of perspectives that states bring to an issue.” Public power should take his pledge to heart and make it a point to meet with Commissioner Powelson to explain the unique characteristics of regional markets outside of Pennsylvania.



Rich Glick

Of the two nominees currently waiting for confirmation by the Senate, we know Rich Glick well. Glick is a long-time Senate policy staffer currently working in his second stint in the Senate as the chief counsel on the Senate Energy Committee for Ranking Member Maria Cantwell (D-Wash.). His early tenure in the Senate was as legislative director and chief counsel to Senator Dale Bumpers (D-Ark.), the then-ranking member of the Senate Energy Committee. Prior to that he was a lawyer in Washington, D.C., representing public power utilities and



utility regulators. Glick also served as the senior policy advisor to Secretary of Energy Bill Richardson (D-N.M.), where he was the go-to policy staffer for the power marketing administration. After his time at the DOE, Glick worked with PacifiCorp as their federal lobbyist. His background and experience working with not-for-profit and private electric utilities will serve him well at FERC.

“Rich Glick is one of the smartest energy lawyers in Washington, D.C. He is also a really nice guy. I’ve known Rich since he worked for Energy Secretary Bill Richardson. He understands electricity policy issues better than anyone I’ve ever met,” said Crystal Ball, Oregon liaison, BPA Intergovernmental Affairs.

Kevin J. McIntyre

Kevin J. McIntyre is an energy regulatory lawyer with the international firm of Jones Day. President Trump has indicated that McIntyre will be the new chairman upon confirmation by the Senate. In his testimony during his confirmation hearing, McIntyre described his philosophy of governance reliant on “a firm understanding of the applicable legal requirements” and that “any action taken must satisfy those requirements in full.” He also places a high importance on a full airing of stakeholder views and commits to being guided by the principles of “rooted in the rule of law and in a commitment to processes that are open, transparent, and fair.” As with Commissioner Powelson, public power should make strides to work with McIntyre, should he be confirmed, to ensure he understands unique regional energy markets.



What does the makeup of this new Commission mean for public power? The fair answer is that public power has long-time friends on the Commission in Commissioner Chatterjee and nominee Glick. Public power also has a good working relationship with Commissioner LaFleur. While we can rely on our prior relationships for honest dialogue and open-door policies, public power will need to build good relationships with Powelson and McIntyre, and work hard to defend our rights in front of the Commission. At this time, it may be too early to tell how this new Commission will view public power, particularly in the Northwests where a standardized, competitive electricity market was soundly rejected years ago. **NWPPA**

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



WASHINGTON UTILITIES TRAVEL TO AID HURRICANE IRMA RELIEF

By Neil Neroutsos

When things go south, public power pulls together to help. This September, public utilities turned south, literally, traveling thousands of miles to come to the aid of millions of customers left powerless in the wake of Hurricane Irma. Two public utilities from Western Washington—Mason PUD 3 and Snohomish County PUD—helped line up workers and resources before Irma even hit land.

Mason 3 granted leaves of absence to two line workers, upon their request, who connected with a Michigan utility construction company assisting Florida utilities.

Snohomish supported Georgia Power through a mutual aid agreement. Together, the two Washington utilities sent a contingent of 21 crew members and 12 trucks to support relief efforts.

“This is our industry and we want to help however we can,” said Snohomish PUD Assistant General Manager of Distribution & Engineering Services John Haarlow. “This really helps people put their lives back together during these terrible events. And our crews like to help with the skills and talents they have.”

Northwest utilities have a long history of providing assistance, often through mutual aid. During major storms in Western Washington, Snohomish has benefitted from support not only from Eastern Washington utilities but utilities as far away as Wisconsin and Utah. Much of the emergency aid is coordinated through the Western Regional Mutual Assistance Group. Among public power, giving back is a given.

“Our employees have a strong commitment to customer service and reliability,” said Mason PUD 3 Operations Manager Scott Peterson. “These linemen are a great example of the skill and work ethic that our employees strive to meet each day.”

Once Mason 3 and Snohomish decided to send workers, much of the behind-the-scenes work began. For Mason 3, the

smaller of the two utilities, sending two linemen was significant. It needed to ensure that it had adequate crew coverage in the event of local storms or other system needs. Flights were lined up for workers just as Irma approached shore, and they were quickly dispatched to assignments in Orlando and Fort Myers, Fla.

For Snohomish, it meant building a caravan of 12 vehicles—bucket trucks, digger derrick trucks, foreman trucks, and a mechanics truck/trailer—along with a collection of field and personal supplies to last as many as several weeks in the Southeast U.S., an environment with much different storm conditions and geography. The utility had roughly 36 hours to pull it all together for the team’s 2,700-mile trip to a Georgia Power emergency camp northeast of Atlanta.

Mobilization by land

Before hitting the road, Snohomish had a long list of tasks to manage. A team of more than 40 worked to tackle the multiple logistical items. One of the highest priorities was checking maintenance records and the functionality of its trucks. Did the assigned bucket trucks, for example, have any lifting issues? Were the tires in sound condition to make a cross-country trip? Mechanics worked late into the night to test and select the best set of vehicles.

All drivers needed to make sure certifications were current, including their commercial driver’s licenses and medical certifications. They ensured their tetanus shots were up to date. Other crew members checked their first aid and flagger cards. Fuel card limits also were increased for the trip.

The mechanics trailer was stocked with tools and equipment for potential road repairs. Crews also filled it with a broad assortment of gear, including personal protective equipment (safety glasses, hard hats, protective clothing), cots, sleeping

bags, bottled water, bug repellent, sun screen, and other disaster response supplies. At the same time, it had to stay within weight limits for the road.

And then there were personal considerations.

“This isn’t just work related, as there also are many family impacts when you’re gone for weeks at a time,” said Executive Assistant Jana Easterling, a key member of the emergency response team who acted as a liaison among crew members and their families. “During major storm response, even within our own service area, spouses often feel like military wives. So for this extended trip, we wanted to support them in any way they could.”

Prior to pulling out, Snohomish Operations staff plotted the best route, accessing Google Maps to identify construction zones and other potential slow-down areas. Supervisors pulled together all the documentation that crews would need to account for time, record expenses, and pass easily through multiple states.

Mason in Florida

The two Mason 3 linemen, meanwhile, arrived by plane in Florida the weekend that Irma hit. One was assigned to Lee County Cooperative in Fort Myers and the second to Orlando Utilities Commission, a municipal utility.

Mason 3 Lineman Aaron Evans arrived in Orlando just as Irma landed on shore as a Category 4 hurricane with reported wind speeds of 90 mph.

“The winds were pretty intense, and when they passed we saw trees uprooted and branches everywhere,” said Evans. “There was lots of wire down. It was clear we were going to be there awhile.”

Both Mason 3 linemen worked shifts of 16 hours on and 8 hours off, largely working to restore residential distribution service.

“There were days when we neared the end of our shift, and we knew if we could squeeze in just one more job we could restore another 50-100 people, so we had some long days,” said Evans. “It’s rewarding when you see how grateful people are who’ve been without power for a week or more.”

In Fort Myers, some of the most significant damage was related to heavy flooding. Nearly half a million people lost power and restoration efforts took more than two weeks. Local residents still felt they had dodged a bullet as the storm weakened before it passed through Lee County and northern Florida.

Snohomish in Georgia

The Snohomish crews in Georgia were initially assigned to Lawrenceville, northeast of Atlanta. They were housed in emergency trailers with multiple bunks. About 500 line workers from across the country were based at the camp along with the Snohomish crews. Avista crews, from Spokane, Wash., were housed in the same camp to assist with Georgia Power restoration.



Utility trucks from across the country line up at a staging area in Florida.



Georgia Power housed utility crews in trailer bunkhouses at a Coolray Field parking lot, location of an Atlanta Braves farm team in Lawrenceville, Ga.

While they didn’t experience the scale of devastation in Florida, the Snohomish crews likened the conditions to huge Northwest windstorms. But instead of fallen Douglas firs, they dealt with large oaks and heavy-leaved deciduous trees blown over into roads and homes. Much of their work focused on repairing broken poles in local communities.

“It felt really good to know we were lending a hand,” said Journeyman Lineman Mark Hakso. “And it was so nice to get an entire neighborhood’s lights back on.”

Georgia Power’s service area saw power outages peak at 1.5 million customers in the days after the storm.

Southern hospitality

Both the Snohomish and Mason 3 workers received nearly universal appreciation from the many people they encountered.

“One day, a woman walked up to the line crew and started handing out popsicles,” said Mason 3 Lineman Evans. “The people were really nice and thankful for the hard work.”

Even before arriving, Snohomish crews were greeted with people waving and cheering them on as their trucks passed through communities.

Continued



Utility crews assist Georgia Power with a pole replacement at a site outside of Atlanta.

Despite the differences in their assignments—Snohomish provided a relief effort of about 48 hours and Mason workers had about a two-week assignment—both utilities' efforts were greatly appreciated by residents of the southeast, and it helped expedite a monumental clean-up effort. In all, about 50,000 utility workers assisted with Irma restoration.

Mason and Snohomish reached nearly 200,000 people via social media as customers followed their journey south, received restoration updates and welcomed their return home to the Northwest.

“People came out of their homes, and they were so grateful to see us,” said Snohomish Journeyman Lineman Steve Ingram. “They thought it was so awesome to see a crew that had driven all the way out from Seattle to turn the power on. The people were just incredible.”

Throughout their relief efforts, Snohomish and Mason 3 were flooded with positive response via social media, with tens of thousands of impressions and hundreds of comments in response to Facebook and Twitter posts.

One of the Facebook fans was a former Mason County resident, now living in Fort Myers (one of the Mason relief sites), so she expressed special gratitude in receiving help from her former Washington neighbors.

Snohomish received a tweet from a mom in Columbia, Ill., who followed the crews trek across country. She said she used the crews sacrifice as a teaching moment for her kids. “These guys drove across the U.S. to help their neighbors in need. #ProudToBeAnAmerican,” she tweeted.

Seizing on the opportunity to localize the storm, Mason 3 also encouraged its customers to make their own emergency preparations for local weather events. Facebook posts linked customers to storm and safety tips on its website.

Lessons learned

One of the key benefits for the Mason 3 and Snohomish linemen was the chance to learn how other utilities responded to a major disaster.

And both utilities also realized that despite a warm Northwest summer, they were not fully prepared for the muggy heat of the southeast.

“It was so hot,” said Snohomish’s Ingram, laughing.

Some of the regional differences in line work, such as the tools, equipment, and types of infrastructure also gave them new perspectives. Workers in the southern U.S. use rubber gloves versus hot sticks. There was also consistent emphasis on safety by all of the utilities they worked with during the trip. Snohomish has greatly increased its safety emphasis in recent years, so the timing was ideal.

With tens of thousands of utility workers in the Southeast U.S., the relief effort provided ample opportunities to network with other line workers and build camaraderie.

“It’s a big brotherhood,” said Ingram.

For Snohomish, it wrapped up its assignment in Georgia within 48 hours. While it was prepared to travel south to Florida to provide additional assistance, it was called off the next job at the last minute as the state was well poised to complete much of the final clean-up.

However, Mason 3, already positioned further south, stayed for about two weeks in and around central and eastern Florida.

Regardless of the differences in their assignments, the crews shared a sense of gratitude in being able to help fellow utilities. They were very proud to represent public power and work alongside a huge team of utilities from all corners of the country. **NWPPA**

Neil Neroutsos is media liaison for Snohomish County Public Utility District in Everett, Wash. He can be reached at (425) 783-8444 or nsneroutsos@snopud.com

Superstorm Sandy

In fall 2012, numerous Northwest utilities sent workers to help relief efforts in the wake of Superstorm Sandy. One of the most destructive U.S. storms, it resulted in more than 7.5 million power outages in 17 states. The New York Stock Exchange closed for two days, the first time since 1888. The New York subway system flooded and shut down, and numerous airports along the eastern seaboard shut down. NWPPA member utilities sent nearly 70 workers east. The majority of the utility crews worked in New York, New Jersey, and surrounding areas for about two weeks. Utilities sending crews included Clark Public Utilities, Eugene Water & Electric Board, Elmhurst Mutual Power & Light, Hood River Electric Cooperative, Inland Power & Light, Ohop Mutual Light Company, Snohomish County PUD, and Tacoma Public Utilities. **NWPPA**



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POSITION: [Engineer III](#)

COMPANY: PUD #1 of Clallam County (Carlsborg, Wash.)

SALARY: \$6,346 - \$9,000 per month

DEADLINE TO APPLY: October 25, 2017

TO APPLY: Visit www.clallampud.net.

POSITION: [Automation and Mechanical Engineering Supervisor](#)

COMPANY: City of Tacoma (Tacoma, Wash.)

SALARY: \$113,172.80 - \$145,080.00 per year

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TO APPLY: Visit www.cityoftacoma.org.

POSITION: [System Operator](#)

COMPANY: Chelan County PUD (Wenatchee, Wash.)

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TO APPLY: Visit www.chelanpud.org.

POSITION: [Executive Assistant](#)

COMPANY: PUD #1 of Clallam County (Carlsborg, Wash.)

SALARY: \$4,768 - \$6,761 per month

DEADLINE TO APPLY: October 20, 2017

TO APPLY: Visit www.clallampud.net.

POSITION: [Specialist V, Transmission Services](#)

COMPANY: Portland General Electric (Portland, Ore.)

SALARY: DOE

DEADLINE TO APPLY: October 23, 2017

TO APPLY: Visit www.portlandgeneral.com/careers.

POSITION: [Information Technology Manager](#)

COMPANY: Umatilla Electric Cooperative (Hermiston, Ore.)

SALARY: DOQ

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TO APPLY: Visit www.umatillaelectric.com/about/career-opportunities/.

POSITION: [Senior Power Systems Project Coordinator](#)

COMPANY: PUD #1 of Clallam County (Carlsborg, Wash.)

SALARY: \$5,245 - \$7,439 per month

DEADLINE TO APPLY: October 25, 2017

TO APPLY: Visit www.clallampud.net.

POSITION: [Power Plant Operators](#)

COMPANY: Chelan County PUD (Wenatchee, Wash.)

SALARY: \$43.59 per hour

DEADLINE TO APPLY: October 25, 2017

TO APPLY: Visit www.chelanpud.org.

POSITION: [Telecom Specialist \(R17-233\)](#)

COMPANY: Portland General Electric (Portland, Ore.)

SALARY: DOE

DEADLINE TO APPLY: October 19, 2017

TO APPLY: Visit www.portlandgeneral.com/careers.

POSITION: [Journeyman Lineman/Florence](#)

COMPANY: Central Lincoln (Newport, Ore.)

SALARY: \$46.39 per hour

DEADLINE TO APPLY: October 20, 2017

TO APPLY: Visit <http://clpud.org/employment/>.

POSITION: [Testing and Energizing Engineer \(Engineer III\) R16-713](#)

COMPANY: Portland General Electric (Portland, Ore.)

SALARY: DOE

DEADLINE TO APPLY: October 20, 2017

TO APPLY: Visit www.portlandgeneral.com/careers.

POSITION: **SPEC II/III Service Design Project Manager**
COMPANY: Portland General Electric (Portland, Ore.)
SALARY: DOE
DEADLINE TO APPLY: October 20, 2017
TO APPLY: Visit www.portlandgeneral.com/careers.

POSITION: **Journeyman Lineman**
COMPANY: Franklin PUD (Pasco, Wash.)
SALARY: \$43.89 per hour
DEADLINE TO APPLY: October 17, 2017
TO APPLY: Visit www.governmentjobs.com/careers/franklinpud.

POSITION: **Manager T&D Planning & Design**
COMPANY: Elcon Associates, Inc. (Portland, Ore.)
SALARY: DOE
DEADLINE TO APPLY: October 31, 2017
TO APPLY: Email [résumé to HR@elcon.com](mailto:résumé@HR@elcon.com).

POSITION: **Engineering Tech**
COMPANY: City of Milton-Freewater (Milton-Freewater, Ore.)
SALARY: \$24.60 - \$30.18 per hour
DEADLINE TO APPLY: December 17, 2017
TO APPLY: Visit www.mfcity.com.

POSITION: **Superintendent of Distribution Dispatch Services**
COMPANY: Homer Electric Association (Homer, Alaska)
SALARY: DOE
DEADLINE TO APPLY: October 29, 2017
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POSITION: **Protection Electrical Engineer II/III**
COMPANY: Portland General Electric (Portland, Ore.)
SALARY: DOE
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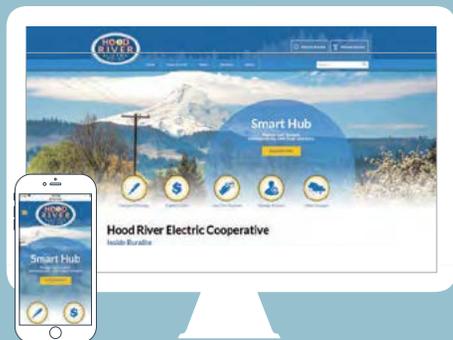
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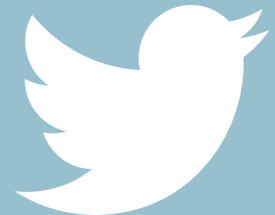
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