



# Journal

July 2015

## John Hairston rounds out BPA's executive office



John Hairston, who has worked at the Bonneville Power Administration since 1991, has been named its chief administrative officer. He takes over after managing a number of key business, compliance and executive functions at BPA.

"John has the right skill set and well-rounded experience to help move BPA forward," BPA Administrator Elliot Mainzer said. "He understands how our

business works and will lead our efforts to build world-class human capital management, safety and other programs that will equip BPA's employees to continue to provide excellent service to our customers."

The newly established CAO position elevates the functions previously overseen by the former executive vice president of Internal Business Services that ensure that each work group receives the attention and leadership it needs from BPA's executive office. The chief administrative officer is responsible for providing policy and strategic guidance concerning BPA's internal operations. Hairston had served as the acting executive vice president of Internal Business Services since June 2013.

"I have worked in and managed a variety of external business and internal service functions at BPA," Hairston said. "That experience will serve me well as I take on this exciting new challenge. I am honored to have this opportunity to continue to serve BPA and our customers."

Hairston joined BPA in 1991 as an economist in the Rates Forecasting and Rate Design organizations. In 1997, he joined BPA's Energy Efficiency group, where he served as a performance manager responsible for several energy efficiency offices on the east side of BPA's service territory. In 1999, Hairston began serving as Energy Efficiency's Peak Load Management program manager. During his tenure,

he led BPA's effort to develop the Demand Exchange program, focused on the use of load curtailment and back-up generation as tools for peak load management. In 2002, Hairston was assigned to implement and manage the BPA Power Services product, Slice. The Slice product accounts for a sizeable portion of BPA's annual sales with a portfolio of its largest public utility customers.

In May 2006, Hairston was named BPA's chief compliance officer, leading the development and implementation of the Agency Compliance and Governance Organization, which provides overall coordination and management of systems and processes established to assure agency compliance with applicable external and internally driven regulatory rules and standards.

Hairston holds a bachelor's degree in economics from The Southern University, a master's degree in Urban Studies from Portland State University and a Juris Doctorate from the Lewis & Clark Northwestern School of Law. He also holds the certification of Compliance and Ethics Professional from the Society of Corporate Compliance and Ethics.

## BPA selects new Transmission Marketing and Sales VP



The Bonneville Power Administration has selected Michelle Manary as its vice president of Transmission Marketing and Sales. She began her new position June 1.

"Michelle brings over 17 years of impressive and well-rounded experience to this vitally important position," said Richard Shaheen, senior vice president for Transmission Services.

"This experience, along with a strong leadership skill set, makes her the ideal selection to help BPA continue to meet its responsibilities as a federal transmission provider."



Manary will provide executive leadership in the planning, development and administration of the overall marketing of transmission products and services. She will also lead the implementation of the full range of contracts associated with transmission products sold by BPA. BPA operates and maintains more than 15,000 circuit miles of transmission lines, accounting for three-fourths of the high-voltage transmission in the Northwest.

“Technology innovations, new market solutions and policy discussions are afoot that could significantly change transmission marketing practices,” Manary said. “I am excited to have the opportunity to work with employees, customers

and other constituents to help guide BPA through whatever new transmission marketing paradigm emerges.”

Manary has been BPA’s acting vice president for Northwest Requirements Marketing in Power Services since October. Over her 17 years at BPA, she has held several management positions in Power Services, Transmission Services and Corporate Strategy.

Manary has a bachelor’s degree in finance from Linfield College in McMinnville, Ore., and a master’s degree in business administration and public administration from Willamette University in Salem, Ore.

## BPA’s patron saint of safety enters International Lineman Hall of Fame



*Co-founder Murray Walker welcomes BPA’s Harvey Haven into the International Lineman Hall of Fame at a ceremony in Sacramento.*

The electric utility world has officially confirmed what BPA’s transmission field staff has known for years: Harvey Haven is a Hall of Famer.

Haven, 74, took a break from his full slate of teaching duties for BPA and companies across North America to become one of five legends in the ninth class of the decade-old Hall of Fame. His name joins those of Nikola Tesla, Thomas Edison, Michael Faraday and four dozen others on a black granite monument outside the Lineman Museum in Shelby, N.C.

Wearing his trademark black cowboy boots, Haven strode across the big stage and into the International Lineman Hall of Fame in front of 1,000 linemen and guests at the sold-out 2015 induction dinner May 16 at the Sacramento Convention Center.

The Hall of Fame’s mission is to “pay tribute to linemen and individuals who have contributed to the safety and existence of the electrical industry, and to those unique individuals who continually exceed in the call of duty.”

BPA’s Troy Anderson happened to read those words on the Internet last year and thought: That describes Harvey Haven to a T. The Ross linemen foreman III prepared a nomination that detailed everything from Harvey’s inexhaustible commitment to electrical safety to a one-of-a-kind teaching style that helps the rules of electrical grounding go down as easy as a cold beer after a good day’s work.

In 1964, Haven joined BPA as a groundman in Spokane, Wash., where he helped connect the Northern Intertie line that sent the first power from the Columbia River Treaty to Canada. He rose in the ranks to serve as lineman, line superintendent and chief safety officer in addition to earning certificates in electrical engineering, power-line design, and power-line construction. He retired from BPA in 1994 but still writes BPA’s safety newsletter and teaches classes on safety, rigging, grounding and more at the Technical Training Center in Vancouver, Wash. He still receives calls about safety problems at all hours of the day.

After five linemen died around the region during Haven’s early years on the job, he decided to dedicate himself to improving electrical grounding safety practices. He invented the famous “dirt box” teaching aid, essentially a scale model that could show exactly what happened when equipment wasn’t properly grounded, using a light bulb to illustrate when current would flow through a lineman’s body. Such innovations and Haven’s relatable teaching style make his lessons effective and well-remembered by trainees.

Earlier in the spring, Haven arrived — no doubt early, as is his practice — for what he expected was a beer and conversation with Anderson.

“Harvey walked into the bar and saw dozens of colleagues from various utilities and companies,” says Anderson. “When we told him he was going to be inducted into the Hall of Fame, the emotion in the room was overwhelming and joyous. Harvey’s such a humble man, and tears came to his eyes and to many others in the crowd.”

Haven called the Hall of Fame ceremony an “indescribable experience” and hopes to visit the International Lineman Hall of Fame and Museum.



Installing sensor at the top of insulator. Photo courtesy of EPRI.

## Collaboration with EPRI tests new sensor technology

How often do you wash your car only to find bird poop on it as soon as you turn your back? Now what if you had this problem with equipment carrying hundreds of megawatts of electricity over transmission lines that serve a half dozen states? This is a problem that plagues BPA's insulators and power lines.

An insulator is a ceramic device that prevents energy from leaving the power line and entering a transmission structure and the equipment on it. When insulators become damaged, they are ineffective at keeping the electricity on path. This leads the energy to "flash over" the insulator, causing an outage. A transmission crew is required to inspect the line and repair any damaged parts before it can be put back into operation.

Bird excrement appears to be a big factor in contaminating insulators — creating many flashovers and outages. The Electric Power Research Institute has been looking into ways to better monitor insulators.

EPRI works with utilities across the country to come up with new solutions to utility problems on issues from transmission lines to energy efficiency to cyber security. Through its Technology Innovation budget, BPA has \$2 million to fund EPRI projects this fiscal year.

One of EPRI's portfolios is sensor technology that can be applied to transmission equipment to capture data on

anything from the charge coming off a lightning bolt to the conditions at the time when a disconnect occurs. With 15,000 circuit miles of transmission lines and 5.3 million insulators spread across the Pacific Northwest, BPA can use all the help it can get keeping equipment in service. With that in mind, BPA decided to install two sensor systems that monitor energy leakage on a string of insulators.

"The technology has two parts," explains BPA project manager Andy Bui, an electrical engineer in Transmission Line Design. "The first part is the sensor that is installed on the insulator string to monitor for leakage current. The data are sent to a second part at the base of the tower structure. The base unit also monitors environmental factors like ambient temperature, rainfall and humidity. A communication device in the tower's base sends all of this data to EPRI in North Carolina."

The first set of sensors at BPA was installed on the Taft-Bell No. 1 line and a second sensor installation was completed May 19 on the Bell-Boundary No. 3 line.

"The test will let us know if there is a predictable nature to the outages that can be tracked by the sensors to keep lines in service and generating revenue for the agency," says Terry Oliver, BPA's chief technology innovation officer.

BPA and EPRI will monitor the sensors over the coming year to identify certain conditions, like fog, that may be triggering these events. "Hopefully, this technology will lead to new insights on insulator flashovers and help prevent outages in the future," says Oliver.

## BPA PROJECTS

### BP-16 Rate Case [Regionwide]

BPA is conducting a consolidated power and transmission rate proceeding, BP-16, to set rates for the fiscal year 2016–2017 rate period. The formal rate-setting process will culminate in the filing of a final rate proposal and the administrator's record of decision with the Federal Energy Regulatory Commission in late July 2015. BPA will request approval for the rates to be effective Oct. 1, 2015. For information, go to [www.bpa.gov/goto/BP16](http://www.bpa.gov/goto/BP16).

## Power

### Alcoa Remand Public Process

BPA accepted public input and comment to assist BPA in its response to the decision issued Sept. 18, 2014 by the U.S. Court of Appeals for the Ninth Circuit. The ruling in *Industrial Customers of Northwest Utilities, et al. v. Bonneville Power Administration* related to BPA's contracts with its direct service industry customers. In its decision, the court instructed BPA to address four specific questions regarding service to Alcoa and the recovery of funds. Comments received during the comment period will assist BPA in its decision-making before issuing a draft record of decision on these four issues in July. For more information, go to [www.bpa.gov/power/pl/regionaldialogue/implementation/Documents/DSI.SHTML](http://www.bpa.gov/power/pl/regionaldialogue/implementation/Documents/DSI.SHTML).

## Transmission

### I-5 Corridor Reinforcement Project [Cowlitz, Clark counties, Wash.; Multnomah County, Ore.]

BPA published a project update with new information about the projected need for the line, as well as non-wires measures that could be used to relieve some of the congestion that the line is being designed to address. BPA continues to conduct surveys and studies to determine the potential impacts of the project. We expect to release a final environmental impact statement in late 2015, followed by a record of decision in 2016. If BPA decides to build the project, we would then focus on negotiating acquisition of the required easements from property owners and obtaining permits. For more information, go to [www.bpa.gov/goto/i5](http://www.bpa.gov/goto/i5).

## Environment, Fish and Wildlife

### Crooked River Valley Rehabilitation Project [Idaho County, Idaho]

BPA, along with the USDA Forest Service, Nez Perce Tribe and U.S. Army Corps of Engineers, completed the final environmental impact statement for the Crooked River Valley Rehabilitation project. The project proposes to rehabilitate two miles of Crooked River damaged by mining on Forest Service lands. The Forest Service is evaluating objections to its draft record of decision. BPA is a cooperating agency and expects to decide whether to fund this project in July. For information, go to [http://data.ecosystem-management.org/nepaweb/nepa\\_project\\_exp.php?project=40648](http://data.ecosystem-management.org/nepaweb/nepa_project_exp.php?project=40648).

### Wallooskee Youngs Confluence Restoration Project [Astoria, Ore.]

BPA will issue a finding of no significant impact in July, along with the final environmental assessment and response to comments on the proposal to fund this project sponsored by the Cowlitz Indian Tribe. The project would restore and enhance 193 acres of tidal wetlands in the Columbia River estuary near Astoria. For information, go to <http://www.bpa.gov/goto/WallooskeeYoungs>.

### Programmatic Environmental Assessment for the Columbia River Estuary Restoration Program [Oregon and Washington]

BPA, along with the Portland District of the U.S. Army Corps of Engineers, will issue the Draft Programmatic Environmental Assessment for the Columbia River Estuary Restoration Program this fall. The program was instituted by BPA and the Corps to undertake the activities necessary to evaluate, protect, monitor, and restore fish and wildlife habitat in the lower Columbia River and estuary. The Corps is the lead agency on the draft assessment.

### Eightmile Ranch Coho Acclimation Project [Okanogan County, Wash.]

BPA is considering whether to fund the Confederated Tribes and Bands of the Yakama Nation's proposal to construct and operate an acclimation pond for coho salmon on the Eightmile Ranch. Eightmile Ranch, which is owned and operated by the U.S. Forest Service, is about eight miles north of the town of Winthrop, Wash. The Forest Service and BPA prepared an environmental assessment (EA). BPA will issue the final EA and a finding of no significant impact in the fall of 2015. The Forest Service will likely post its final EA and draft finding of no significant impact for public review later. For more information, go to [http://efw.bpa.gov/environmental\\_services/Document\\_Library/EightmileAcclimation/](http://efw.bpa.gov/environmental_services/Document_Library/EightmileAcclimation/).

## CALENDAR OF EVENTS

For current meeting information, go to [www.bpa.gov/PublicInvolvement/Cal](http://www.bpa.gov/PublicInvolvement/Cal).

### BPA Low Income Energy Efficiency Workgroup Meeting No. 4

- **July 21**, 1 to 4:30 p.m.  
Franklin PUD  
1411 W. Clark Street, Pasco, Wash.

### Quarterly Business Review

- **Aug. 4**, Time to be announced  
BPA Rates Hearing Room  
Suite 200, 1201 Lloyd Blvd., Portland, Ore.

## FOR MORE INFORMATION

Information on other projects under environmental review is available at [www.bpa.gov/goto/NEPA](http://www.bpa.gov/goto/NEPA).

For information about the National Environmental Policy Act in general, go to [www.bpa.gov/goto/environmentalplanning](http://www.bpa.gov/goto/environmentalplanning).

The Journal is a monthly publication of the Bonneville Power Administration. If you have questions or comments, or you want to be added to the mailing list for any project, call toll free 800-622-4519.

To order copies of documents, call: 800-622-4520 or 503-230-7334. Written comments may be sent to: BPA, P.O. Box 14428, Portland, OR 97293-4428. Email address: [comment@bpa.gov](mailto:comment@bpa.gov). BPA home page: [www.bpa.gov](http://www.bpa.gov). For details on BPA environmental reviews listed above, including site maps and documents issued to date, see [www.efw.bpa.gov/environmental\\_services/nepadocs.aspx](http://www.efw.bpa.gov/environmental_services/nepadocs.aspx). Process Abbreviations: EA-Environmental Assessment, EIS-Environmental Impact Statement, ESA-Endangered Species Act, FONSI-Finding of No Significant Impact, NOI-Notice of Intent, ROD-Record of Decision.

