

# Smart Grid Northwest 2018 Annual Meeting

*Can Less Be More? Capital Efficient Grid Modernization and a More Resilient Energy System*

4:30-6:30pm Monday June 11th

Holland America Room, World Trade Center Seattle, WA

NW Energy Resiliency Summit Social Reception to Immediately Follow, 6:30-8pm

**Registration at [bit.ly/2raSSEF](http://bit.ly/2raSSEF)**



Join us for a lively discussion on how capital-efficient investments in grid modernization can improve energy reliability and resiliency. Today we enjoy an expanding portfolio of solutions to strengthen and better manage energy systems — diverse demand side management options, increasingly cost-effective storage, integrated resource management systems, various asset monitoring, sophisticated controls, rich analytics and more. But investing in energy resiliency improvements can be tricky, especially traditional infrastructure built-outs that have often become expensive. How can a new wave of solutions, paired with smarter policy and updated business models, help accelerate the right path forward? Bring your thoughts to this debate on how grid modernization solutions can help increase the resiliency of the Pacific NW energy system, and what regional stakeholders should do to make it happen.



World Trade Center Seattle (WTCSE) is a membership organization that focuses on fostering economic growth and opportunity while enhancing the quality of life in the Pacific Northwest. Serving as a gateway for commerce, trade and opportunity, WTCSE is a gathering place for regional business leaders to connect and collaborate.

# Can Less Be More? Capital Efficient Grid Modernization and a More Resilient Energy System

*Join these dynamic speakers for a lively, interactive discussion*



**Susan Ackerman, Eugene Water and Electric Board (Formerly with OR PUC)**

Susan Ackerman is currently the Chief Energy Officer at the Eugene Water & Electric Board in Eugene, Oregon, a position she assumed in January 2018. In this role, Ms. Ackerman is responsible for

EWEB's resource portfolio, resource planning, and power trading functions. Prior to EWEB, she served on the Oregon Public Utility Commission from 2010 to 2016, the last four years as Chair of the Commission. She served as Chair of the Electricity Committee of NARUC, on the Advisory Committee to EPRI, and as one of NARUC's representatives on the NARUC – U.S. DOE Smart Grid Working Group. Before joining OPUC, Ms. Ackerman was a lawyer representing a variety of clients in electricity and natural gas matters, including integrated resource planning, competitive solicitations, transmission services, reliability standards, power sales contracting, and electric and natural gas rate matters.



**Ray Gifford, Wilkinson Barker & Knauer LLP (Formerly with CO PUC)**

Raymond L. Gifford counsels communications, electric and gas utilities, and information technology companies on state and federal aspects of regulation, administrative law, and competition policy.

He is an expert in public utilities law, and the law and economics of regulation of network industries. He is also an Executive Fellow at the Silicon Flatirons Center for Law, Technology and Entrepreneurship, and Co-Directs the Institute for Regulatory Law & Economics at University of Colorado Law School. Mr. Gifford served as Chairman of the Colorado Public Utilities Commission from 1999-2003. Following that, he served as President of The Progress & Freedom Foundation, a Washington DC-based think-tank that studied the digital revolution as it relates to regulation of network industries. He is a graduate of University of Chicago Law School and St. John's College in Annapolis, Maryland. He is an elected member of the American Law Institute.



**Carl Imhoff, Pacific Northwest National Laboratory**

Mr. Imhoff manages the Electric Infrastructure market sector within Pacific Northwest National Laboratory's Energy and Environment Directorate, conducting advanced electric infrastructure research

and product development with the U.S. Department of Energy, state governments, vendors and commercial energy firms. Mr. Imhoff has been actively involved in a number of electric power system organizations and bodies, including the North American Synchronphasor Initiative, the GridWise Alliance, the Consortium for Electric Reliability Technology Solutions, and the Western Electric Coordinating Council.



**Carl Zichella, Natural Resources Defense Council (Moderator)**

Carl is the NRDC's lead western U.S. renewable energy transmission siting expert and serves on a nationwide team working on climate and clean energy issues. He works with environmental

organizations, renewable energy and transmission industries, local, state and national governments, regulators and the public to find transmission solutions that accelerate renewable energy development while respecting wildlife and land conservation efforts. Mr. Zichella is also director of the Center for Energy Efficiency and Renewable Technology (CEERT), environmental representative for the Western Electricity Coordinating Council's (WECC) Reliability Assessment Committee, and vice chair of WECC's Scenario Planning Subcommittee. He served as a member of the California Independent System Operator's Energy Imbalance Market Transitional Committee through the market's launch in 2015. He served on the Department of Energy's Electricity Advisory Committee from 2013 to 2017 and was vice chair between 2016 and September 2017.

Directly following the presentations and discussion, we invite you to enjoy some heavy appetizers and beverages on us at the **Evening Social**, from 6:30-8pm. Come mingle with other professionals who are working in the fields of energy, grid modernization, emergency preparedness and system resiliency. We hope to see you there!

**Registration at [bit.ly/2raSSEF](https://bit.ly/2raSSEF) | More info at [smartgridnw.org/events/2018-annual-meeting](https://smartgridnw.org/events/2018-annual-meeting)**

# Smart Grid Northwest Board of Directors

## Smart Grid Northwest New Board Members – Up For Election (pending approval)



### **Matt Schnugg Product Management, Grid Solutions at GE Power**

Matt Schnugg is the Global Lead for the Grid Analytics product line for GE Power. In this role he is focused on delivering best in class outcomes to utility customers using the breadth of their data, with an emphasis on leveraging both GE's domain expertise and advanced analytics / machine learning tactics. Matt comes to GE from Microsoft, where he held leadership roles in Engineering and Marketing for the Cloud + Enterprise (C+E) organization. He was most recently a Principal in the C+E Growth + Ecosystems group, where he led a team enabling Experimentation, Analytics, and Data Science across the Azure platform. He holds an MBA from the

University of Michigan Ross School of Business, where he was also a fellow at the Tauber Institute for Global Operations. He also earned a Bachelor of Science in Business Administration from the University of Richmond.

## Current Board Members up for Renewal

- **Mike Atkinson** (Doosan) – 3-year term
- **Anita Decker** (NWPPA) - 1 year
- **Bill Holmes** (K&L Gates, Secretary) - 1 year
- **Bryce Yonker** (Smart Grid NW, Executive Director) - 1 year

## Returning Board Members

- **Scott Harden**, OSI Consulting (Chair)
- **Carl Imhoff**, PNNL
- **Josh Keeling**, Portland General Electric
- **Daniel Kirschen**, University of WA
- **David Lebeter**, BC Hydro
- **Cheryl Linder**, Accenture
- **Heather Rosentrater**, Avista
- **James Temple**, Bit Stew Systems (Treasurer)
- **Tuan Tran**, Seattle City Light

# Smart Grid Northwest Expert Advisory Council

## Smart Grid NW would like to welcome the following experts to our Advisory Council:



Jeff Allen has served as Executive Director of Forth (formerly known as Drive Oregon) since December 2011. Forth is a nonprofit industry organization working to advance electric, smart, and shared transportation in the Pacific Northwest and beyond. Through innovation and industry development, demonstration projects, advocacy and engagement, Forth is transforming the way we get around. Mr. Allen previously served as Executive Director or organizational development consultant to several nonprofit organizations, including the Oregon Environmental Council, where he served as Executive Director from 1996-2006. He holds a master's degree in Public Policy from the Goldman School of Public Policy at the University of California, Berkeley and graduated Phi Beta Kappa from the University of Michigan.



Paul Notti has been in the demand side management industry for over 20 years, as a program manager delivering small commercial and multi-family energy efficiency services. Paul led Honeywell Utility Solutions' west sales for 10 years, helping utility customers solve energy efficiency and demand response objectives, including leading Honeywell's efforts to win an SGIG grant for commercial ADR and critical peak pricing in southern California. Paul joined Itron's Distributed Energy Management group in 2017 and is providing solutions to help electric utilities deliver more value to their customers, including behind the meter, clean energy integration and orchestration. Paul lives in Portland, Oregon.



Lee Hall is the Manager of Distributed Energy Resources at Bonneville Power Administration in Portland, Oregon. Lee leads his group in exploring new technology – demand response and energy storage -- to meet BPA's future resource needs. During his 15 years at BPA, Lee has held several different leadership positions in various areas such as information technology, smart grid, power scheduling, and as the Chief Security and Continuity Officer. Lee was a career Naval Officer in the Nuclear Submarine Force, before retiring from the Navy in 2001. A native of Stayton, Oregon, Lee is a graduate of the US Naval Academy with a bachelor's degree in physics. Lee also earned a Master of Science in Engineering Science from the Naval Postgraduate School, and an MBA from the University of Nebraska.

# Resiliency Assets Tour with Seattle City Light

Join Our Exclusive Tour of New Assets Coming Online



**June 11th from 1-4pm**

Seattle City Light has invested in a number of solutions to build resiliency into the energy system in the Seattle area. Join a special tour with attendees of the Resiliency Summit to see the deployments they have recently completed and visit areas under construction, including a new sub station upgrade coming online.

Confirm a ticket soon at [bit.ly/NWERS](http://bit.ly/NWERS)



## 2018 Northwest Energy Resiliency Summit

*A Deep Dive on Adding Resiliency to Regional Energy Systems*



**June 12th, 8am-4pm**

Panoramic Room at the Pacific Tower, Seattle, WA

**Registration at [bit.ly/NWERS](http://bit.ly/NWERS)**

Join diverse regional stakeholders, from utilities and technology providers to emergency response organizations and diverse thought leaders, at the 2018 Northwest Energy Resiliency Summit. At this unique one-day conference, you will attend keynote presentations, panel discussions and working sessions focused on developing resiliency solutions for energy systems in our region. This event will dig deep into some of our most critical topics: developing microgrids at critical facilities, identifying priority areas for investment, preparing for cyber resiliency, asset monitoring, rapid restoration, all-hazard resiliency, and finding metrics for tracking and quantifying resiliency efforts. Space is limited to 150 attendees for this interactive day, so be sure to register soon.

**We'd like to thank Landis + Gyr and Seattle City Light for making the Annual Meeting and Resiliency Assets Tour possible.**



Since 1896, Landis+Gyr has helped utility companies and end-users alike manage energy better with advanced metering technology. Today, Landis+Gyr's integrated products and services are paving the way for the next generation of energy management

solutions by providing smart grid applications, demand-management technologies, data analytics, and renewables integration – a comprehensive portfolio that can help both utilities and consumers realize the full potential of the smart grid.



Seattle City Light is the 10th largest public electric utility in the United States, offering some of the lowest customer rates of any urban utility, providing reliable, renewable and environmentally responsible power to about 750,000

Seattle-area residents. With over 90 percent of their energy provided by hydropower, SCL has been greenhouse gas neutral since 2005, the first electric utility in the nation to achieve that distinction.



Smart Grid Northwest is a trade association with a mission to promote, grow and enable the smart grid industry and infrastructure in the Pacific Northwest. We are focused on creating an environment that encourages smart grid industries to thrive while also promoting the deployment of smart grid solutions across the Northwest. For more information, visit [www.smartgridnw.org](http://www.smartgridnw.org).

For questions or comments contact Bryce Yonker, executive director, [by@smartgridnw.org](mailto:by@smartgridnw.org)