

2016 Presenters

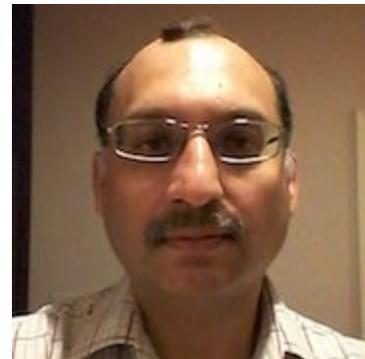
November 1st - Portland, OR

- **Amit Kumar**, City of Portland Bureau of Development Services
- **Conrad Eustis**, Portland General Electric
- **Dan Bihn**, Bihn Communications
- **Don MacOdrum**, Home Performance Guild of Oregon
- **Jay Wilson**, Clackamas County Disaster Management
- **Jeni Hall**, Energy Trust of Oregon
- **Jonathan Cohen**, Imagine Energy
- **Larry Zarker**, Building Performance Institute
- **Linda George**, Portland State University
- **Mark Farrell**, Neil Kelly
- **Mike Collignon**, Green Builder Coalition
- **Rebecca Geisen**, Portland Water Bureau
- **Ron Vandehey**, Miller Consulting Engineers
- **Steve Gemmell**, Earthquake Tech
- **Zach Henkin**, Drive Oregon

Amit Kumar, City of Portland Bureau of Development Services

Sr. Structural Engineer

Amit Kumar is a Sr. Structural Engineer with the Bureau of Development Services, City of Portland. He has over 25 years of experience as a structural Engineer. He has been with the City of Portland for 16 years. He is a registered structural engineer in Oregon and California. Amit has served as the President of the Structural Engineers Association of Oregon and serves on the NCEES structural committee.



Conrad Eustis, Portland General Electric

Director of Retail Technology Strategy

Conrad Eustis has 40 years of experience in the energy industry including 5 years in nuclear submarines, and 30 years at Portland General Electric. In the past twenty-three years Conrad has had major roles implementing more than twenty new smart grid technology platforms to enable both utility and customer benefits. In 2009, '10 and '11 he co-taught the PSU's course: Designing Smart Grid for Sustainable



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Communities. His current areas of focus include thermal and battery storage. He has technical degrees from Brown and Carnegie-Mellon Universities.

Dan Bihn, Bihn Communications

Principal

Dan is a strategic communication engineer, combining system engineering, marketing, policy making, and communicating the results in a compelling photo journalistic package. Dan holds a Master of Science in Electrical and Computer Engineering from University of California, Davis. He has 20 years of professional experience in the high-tech sector as a product development engineer in areas ranging from cardiac pacemakers and undersea robotic vehicles to greenhouse control systems. Dan spent 7 years in Japan as a student and engineer doing product development and technology transfer. He holds 3 U.S. patents, 2 Japanese patents, and has written and photographed numerous articles on energy and environment in popular press.



Don MacOdrum, Home Performance Guild of Oregon

Executive Director

As the Executive Director of the Home Performance Guild of Oregon, Don MacOdrum advocates for contractors and industry stakeholders with lawmakers and regulators, and he enhances their engagement with the Energy Trust of Oregon and Enhabit Home Performance with ENERGY STAR programs. Don works tirelessly to uncover and exploit synergies between contractors, remodelers, builders, distributors, manufacturers, trainers, programs, environmental non-profits, governments, regulators, legislators, lenders, realtors, appraisers and homeowners to build an industry that helps all Oregonians have access to Home Performance retrofits.



In 2013, Don co-authored House Bill 2801 in the Oregon legislature, which established statewide standards for residential energy performance assessors and scoring systems – a policy which the City of Portland’s proposed Home Energy Scoring Ordinance looks to for its standards. In addition to acting as de facto

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steward for all residential energy efficiency policy and utility programs in Oregon, Don keeps the broader energy efficiency sector engaged through an annual conference, special trainings, monthly meetings, newsletters and special advocacy campaigns.

Prior to joining the Guild, while studying toward a certificate in building science at the University of Toronto, Don conceived of and oversaw the design and construction of a building science and sustainability education center in Southern Ontario, Canada. Don holds degrees from the University of Western Ontario in Electrical Engineering and in Computer Science.

Jay Wilson, Clackamas County Disaster Management Resilience Coordinator

Jay Wilson is the Clackamas County Resilience Coordinator with the Department of Disaster Management and spearheads the County's efforts to reduce risks and assess hazards including flood, earthquake, wildfire, volcano, and tsunami hazards, and climate change impacts. Mr. Wilson is the Chair of the Oregon Seismic Safety Policy Advisory Commission (OSSPAC) and currently serves as a Disaster Resilience Fellow with the National Institute of Standards and Technology (NIST).



Jeni Hall, Energy Trust of Oregon Solar Project Manager

Jeni Hall is a senior project manager with the Energy Trust of Oregon solar program where her work focuses on maintaining a strong and sustainable solar trade ally contractor network across Oregon. Through that work she has spoken to solar installers about the market barriers they experience each day that drive up their costs and has helped to develop strategies for overcoming them. As the technical lead she is responsible for identifying new commercially available technology, maintaining programs installation requirements and overseeing contractor quality management to ensure that all projects receiving incentive funds will be durable



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and high performing. Jeni is responsible for managing the programs soft cost reduction initiatives and working with utility partners on a solar+storage pilot project to explore the intersection of community resilience and grid services for projects in Oregon. Prior to joining Energy Trust Jeni served as co-owner and director of operations for Synchro Solar, a residential and small commercial solar installer based in Portland. She holds a graduate degree in Aerospace Engineering and before following her passion into working with solar was employed by Sikorsky Aircraft to evaluate the handling qualities of Blackhawk helicopters.

Jonathan Cohen, Imagine Energy

Founder & Owner

Jonathan Cohen is a principal and chief engineer for Imagine Energy, LLC in Portland, Oregon. He founded the company in 2003 and has established a new market for energy consulting and contracting in the residential and small commercial sector. Jonathan offers knowledge in building science and energy efficiency, solar PV, solar thermal, wind energy, heat pumps (including geothermal), and other energy technologies. Jonathan has a B.S. in Aerospace Engineering from the Pennsylvania State University and M.S. studies in the same. He has served as a test engineer at Sun Microsystems in Menlo Park, CA and the National Wind Technology Center in Boulder, CO.



He is an instructor at Oregon institute of Technology's renewable energy engineering program, teaching practical PV design and installation, as well as serving as chair of OIT's Industry Advisory Committee. He helped develop the Home Performance Contractors Guild, where he acts as a board member, and was instrumental in developing policy for Clean Energy Works Oregon program, the Oregon Solar Energy Code, and permitting of solar installations on standing-seam metal roofs without roof penetrations. He and his wife, Jessie, also own and operate a neighborhood coffee shop, Posies Cafe, in North Portland, where they live.

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Larry Zarker, Building Performance Institute CEO

Larry Zarker is the CEO of the Building Performance Institute, the professional standards setting and credentialing organization for both the weatherization and home performance contracting industries. He oversees BPI's national network of over 16,000 certified professionals and BPI GoldStar contracting companies. He helped found and served on the Board of Directors of Efficiency First, the trade association for America's home performance workforce. Prior to BPI, he worked for nearly twenty years with the NAHB Research Center and was the Vice President of Marketing for over a decade, serving both the new home and remodeling sectors with innovative product development and research.



Linda George, Portland State University Professor of Environmental Sciences and Management

Dr. George's research focuses on atmospheric chemistry, monitoring and modeling of urban air pollutants, assessing human exposure to and perception of air pollutants and climate change, development of measurement techniques for quantifying atmospheric species, investigations of urban climate modification, and atmospheric science education. Earning her Doctorate from PSU in 1991 in Environmental Sciences & Resources, Dr. George is highly involved with the PSU and greater Portland scientific and educational community. Dr. George is a widely published expert on: atmospheric chemistry; monitoring and modeling of urban air pollutants; assessing human exposure to and perception of air pollutants and climate change; investigations of urban climate modification; as well as atmospheric science education.



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Mark Farrell, Neil Kelly

Solar Sales

Mark Farrell has spent the last 6 years selling solar photovoltaic equipment for integrators, a distributor and a manufacturer. He is a NABCEP Certified Technical Sales professional and enjoys promoting solar energy at every possible opportunity. He sees our country's transition to renewable energy as a challenging yet important step to securing economic opportunity for all - in Oregon, the US and globally.



Mike Collignon, Green Builder Coalition

Executive Director

Mr. Collignon is the Executive Director & Co-Founder of the Green Builder® Coalition. He engages in national and state-level advocacy, publishes a monthly member publication, writes regular content and hosts webinars for Green Builder® Media, and chairs the WERS Development Group. He has presented at EEBA, RESNET, StormCon, the Pacific Coast Builders Conference, the Sustainable Disaster Recovery Conference, AWWA's ACE, Green Building Focus and Better Buildings: Better Business (Wisconsin).



Rebecca Geisen, Portland Water Bureau

Water Resources Planning Manager

Rebecca Geisen has been with the Portland Water Bureau and Regional Water Providers Consortium for the past 17 years focusing on water conservation, groundwater protection, water supply planning and emergency preparedness. Rebecca has a B.S. in Conservation and Resource Studies from U.C. Berkeley and worked in the non-profit and private energy sector in San Francisco before coming to Oregon in 1995 to work for the Oregon Water Resources Department. She



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is currently the Project Manager for the Regional Water Providers Consortium and state legislative affairs manager for the Portland Water Bureau.

Ron Vandehey, Miller Consulting Engineers

Principal

Ron Vandehey, PE, SE is a Principal of Miller Consulting Engineers, Inc. (MCE) and has been involved with the design of structures since 1989. His extensive structural design experience allows him to recognize practical, economical structural solutions with a special talent for the management and design of seismic renovations and additions to existing buildings.



Ron's inventive solutions have reduced project costs and schedules for projects such as the award-winning Vernon Elementary School Seismic Retrofit, the Port of Portland Maintenance Complex, and the prizewinning Spencer Court Seismic Upgrade.

Ron regularly performs ASCE evaluations and cost estimates for both federal and local jurisdiction. As a past member of the American Society of Cost Estimators with an educational background in cost estimating, Ron performs estimates of probable construction costs for various project types, some of which are in excess of \$25 million.

Steve Gemmell, Earthquake Tech

Owner & Operator

Steve Gemmell is Owner & Operator of Earthquake Tech. Steve has inspected thousands of buildings and installed hundreds of seismic retrofits. He consults with several professional structural engineers and have developed a seismic retrofit method for each foundation type, including an unreinforced masonry design that brings buildings up to current building codes. Steve has also consulted with City of Portland Bureau Development Services regarding their Residential Seismic Strengthening Program effective April 2011. He is currently a member of the Home Performance Guild



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of Oregon, HBA (Home Builders Association), the CCIM (Commercial Contractors Industry Member), the AHC (Architectural Heritage Center), and the Home Performance Guild of Oregon. Steve is also responsible for the development of a continuing education program to educate real estate agents, insurance agents, home inspectors contractors and homeowners on the ins and outs of seismic retrofitting. This program has been presented on numerous occasions to the AHC, ORA and several Home Inspection programs. And Steve has developed a program for individual & group DIY(do-it-yourself) classes and have consulted with Real Estate agents, Home Inspectors and Insurance agents.

Zach Henkin, Drive Oregon

Program Manager

Zach Henkin is a Program Director for Drive Oregon, a non-profit economic development organization with a mission to grow the electric vehicle industry in Oregon. Zach coordinates the Energize Oregon Coalition in partnership with the Oregon Governor's office and specializes in charging infrastructure and electric vehicle implementation. Zach has an MBA from Marylhurst University and volunteers his time on the board of Solar Oregon, the Oregon City Planning Commission, and the Clackamas County Economic Development Commission.

