

Tony

Adams

National Lighting Manager

Evergreen Consulting

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With more than 30 years in lighting, Tony brings a broad portfolio of experience to Evergreen Consulting Group. As co-founder and vice president of engineering for a US lighting manufacturer, Tony was responsible for the design and manufacture of a wide array of energy efficient lighting products, while developing an international customer base. Prior to his 12 years in manufacturing, Tony was senior lighting designer for an international multi-discipline design and construction firm, where his responsibilities included lighting design, interdisciplinary design coordination, master specification writing, construction administration and electrical engineering on projects in the US, Europe, the Middle East and China. Tony interned as an architect prior to entering the lighting field, preceded by experience as a journeyman carpenter.

Jeff

Anderson

Senior Lighting Specialist

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Jeff Anderson is a Senior Lighting Specialist who specializes in lighting retrofit projects in the greater Puget Sound area. He coordinates efforts between customers, trade allies and power producers. He also conducts lighting audits, which detail the benefits and incentives of lighting projects suited to individual sites and help customers make fully informed decisions. Jeff joined Evergreen Consulting Group in September 2010 following more than a decade of assisting electrical contractors, hospitals, schools and industrial customers with lighting retrofits. Previously, he worked on design build projects for an electrical distributor, where he also led the project quotes department. He has been an account manager for the last 18 of his 27 years of electrical distribution experience. He earned the Lighting Certified Professional designation from the National Council on Qualifications for the Lighting Professions, NCQLP in 2008. He is also a member of the Illuminating Engineering Society of North America, IESNA.

Paul

Birkeland

Founder and Principal

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Paul Birkeland is a world-recognized expert in energy management, and has led energy management workshops in the US, Canada, Europe, and China. He promises a useful and engaging presentation that will give you energy-saving ideas that you can use right away, and inspiration to start working toward a grander vision for your energy management program.

Elly

Bunzendahl

Senior Project Associate

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For 25 years, O'Brien & Company has worked to build the construction and real estate industry's capacity to design, build, operate, and maintain a more sustainable built environment. We have deep technical knowledge of how and why buildings perform, understand the potential gaps where performance can be lost in the transition from construction to occupancy, and recognize the challenges faced by property managers and leasing agents. Elly's holistic approach to building science, conservation programs, and sustainable development and operations has led to valuable qualitative and quantitative outcomes for owners, managers, AND tenants. She has assessed hundreds of buildings and properties, managed projects ranging from single building strategies to municipal planning and policy changes, developed curriculum and delivered training to hundreds of designers, affordable housing representatives, and subcontractors, and has contributed LEED project assistance and charrette facilitation for commercial, institutional, and residential projects.

Ted

Carroll

Boiler Chief Engineer

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Ted has worked for Seattle Public Schools since 1989. As a Boiler Supervisor, I ensure all types of boiler systems operate safely by manufacturer's written recommendation and nationally recognized standards recommended by the American Society of Mechanical Engineers. Test the operation of the boilers and its controls and safety devices on a routine basis mandated by City of Seattle Steam Engineer and Boiler Firemen License Law. Direct onsite supervision of licensed boiler operators. Provide standards of safe boiler operation and training. We currently have over 100 buildings throughout the City of Seattle, with over 180 boilers in operation with one boiler still in operation from 1914.

Bob

Cowan

Director of Facilities

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Bob Cowan is the Director of Facilities for the Fred Hutchinson Cancer Research Center. He is responsible for day to day Operations, Maintenance and repair of the beautiful, highly complex, world class, 1.6 million square foot, Fred Hutchinson campus. The 15 building campus, located in sunny Seattle WA, is dedicated to both cancer research and treatment, has over 4,000 staff and boast 3 Nobel Prize winners amongst the staff. Bob's been at the "Hutch" over 18 years, and during that time has overseen an expansion program of more than a million square feet, helped the Center win over 20 Energy Awards at both local and national level, weathered more inspections than you can count (JCAHO, DOH, FDA, AAALAC, CAP, etc...), and even found time to take a 6 month sabbatical where he took his family on an around-the-world adventure covering over 40,000 miles. Bob's a retired Navy Commander; originally from Grosse Ile, Michigan (a small island between Michigan and Canada). He graduated from the University of Michigan with a Bachelor's in Industrial Engineering and from the University of Florida with a Master's in Civil Engineering.

Lisa

Dulude

Energy and Environmental Sustainability Manager

**Snohomish County Office of
Energy and Sustainability**

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In her role as Energy and Sustainability Manager, Lisa works on conservation programs and policy to further the County's environmental sustainability goals. In the last six years, she has led several new initiatives, such as the County's first Sustainable Operations Action Plan, the Zero Waste Fair initiative, and the Resource Conservation Program which has reduced County government utility spending by three quarters of million dollars since 2012. Lisa also started two innovative community financing programs – the Energy Smart Loan Program and Savvy Septic Program – which have brought more than \$12 million in direct economic benefit to County homeowners and local contractors. Lisa has a Master's degree in Urban Design and Planning from the University of Washington in Seattle and an undergraduate degree in Environmental Studies from Bates College in Lewiston, ME.

Rina

Fa'amoe-Cross

Resource Conservation Specialist

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Rina has worked in Sustainability field for over ten years at two school districts and a city. She earned a BA from University of Washington in Environmental Studies. She is a Certified Energy Manager, Building Operator Certification, and Business Energy Professional.

Cody

Graves

President

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Cody Graves is President of Automated Energy, Inc. (AEI - www.automatedenergy.com) a leading provider of web-based energy information services for business and utilities. AEI is currently monitoring over 4,500 MW of electric consumption on a daily basis for businesses and utilities across 45 states, Canada, and Puerto Rico.

Graves is a former Chairman of the Oklahoma Corporation Commission, where he served as member from August 1991 until June 1997.

Pat

Hart

Facilities Manager

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Patrick has been serving as Facilities Manager at Northshore Christian Church & Academy in Everett, WA since 2008, after serving 4 years with the Facilities Team at Overlake Christian Church in Redmond, WA. In 2011 he earned the Certified Church Facility Manager (CCFM) designation from the National Association of Church Facility Managers (NACFM) following completion of an extensive certification program and research project. A graduate of Concordia University in Irvine, CA, Patrick has served as a Director of Christian Education at churches in California, Texas, Kansas, and Washington. He has also worked in management roles with Super Shuttle Seattle, AT&T/Metrocall, and has owned and operated his own business teaching science to pre-school age children. Patrick and his wife live in the Kirkland area and have four children.

Julie

Hayes

Director

Milepost

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As a Director for Milepost Consulting, Julie specializes in working with key stakeholders to assess current conditions, determine the barriers and opportunities, identify success stories and create a replicable path towards lasting change. She excels in the development of story and messaging that resonates with the target audience. Relevant client work includes: Lead project manager, program design, and engagement strategy for Puget Sound Energy's new SEM program for multifamily customers, lead project manager for Milepost's role in supporting the development of behavior based, energy efficiency initiative for commercial buildings for a large California utility, and strategic support for NEEA's SEM Collaborative and Tennessee Valley Authority's Energy Right Solutions group. Julie lives in Burien, WA and makes a point of riding a horse at least once a week.

Shayne

Holderby

Program Manager

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Shayne has over 20 years experience in Technical Sales and Operations Management. He possesses a solid understanding of and relationships within the contracting, distribution and manufacturing industries. As Honeywell's Program Delivery Supervisor, he is responsible for implementation and management of energy efficiency and market transformation program.

Nicole

Laky

Resource Conservation Specialist

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Nicole has over ten years' experience as a Resource Conservation Specialist at Seattle Public Schools. Previously, she was in Program Management at the Center for Nonprofit Management for three years. Nicole is a Certified Building Operator with a B.A. Environmental Sustainability & Design from Huxley College of the Environment at Western Washington University.

Michael

Lane

Energy Management Engineering Supervisor

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Michael Lane joined Puget Sound Energy (PSE) in 2011 and is the Energy Management Engineering Supervisor and program manager for the PSE Business Lighting Incentive program, part of Business Energy Management division. Before joining PSE Michael worked at the Lighting Design Lab as Project Manager, and has worked at lighting design firms in New York, Boston and Seattle. He has Bachelor of Architecture from Washington State University, and has specialized in the lighting field for over 30 years. He serves on the IES Energy Management Committee, the IES Technical Review Council, the ASHRAE/IES 90.1 Committee since summer of 2000 (Vice Chair 2009-2015), and has served on seven Advanced Energy Design Guide project committees. In 2004, and 2010 Michael received the IES Presidential Award and in 2004 received the IES Section Meritorious Service Award. In his spare time Michael is a US Soccer grade 8 youth soccer referee.

Martin

Lott

Consulting Energy Efficiency Engineer

Cascade Energy

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Martin joined Cascade in 2012 to further his career in energy efficiency program design, market analysis, and strategic energy management implementation. He has been a key innovator in the field of energy management by combining sophisticated energy modeling with leading-edge change management theory, and superior customer service. Martin's current focus at Cascade is on addressing the needs of underserved markets by providing advances in energy monitoring and innovative market strategies. Martin has a BS in mechanical engineering and an MA in business administration. He worked in the nuclear industry before moving to emerging technology start-ups and on to energy efficiency. He is a Certified Energy Manager with the Association of Energy Engineers.

Shannon

Markey

Western Region Manager - Specifications

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Shannon's career in the lighting / electrical business spans 21 years on both the representative and manufacturer levels. The majority of that time has been spent selling lighting controls to all levels of the industry. Shannon works with architects, electrical engineers, lighting designers and end users on specifications and lighting controls design for a wide variety of projects including commercial, education, industrial, institutional, theatrical and residential applications.

Bonnie

Meyer

Resource Conservation Specialist

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Managed Resource Conservation for eleven years at three progressively larger school districts. Has experience in Behavior Change, Social Marketing, Environmental Health; Pollution Prevention and Waste Reduction and Recycling. MA in Environmental Policy, Tufts University and BA in Human-Environment Relations, University of Hawaii, Manoa.

Danny

Miller

President

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Danny Miller is the President of Transformative Wave Technologies based in Kent, WA. He is regarded as one of the country's leading HVAC energy efficiency innovators. He has over 40 years of experience in the commercial HVAC, controls, and energy efficiency industries. He received his mechanical design training at the University of Washington. Danny is co-inventor of the patented CATALYST technology, a retrofit efficiency solution for constant volume rooftop HVAC systems, which reduces HVAC energy use by 25-50%. He has been the visionary behind the use of digital web-based technologies to provide a new range of efficiency and performance assurance tools for commercial facility operators. He is also a published author on the subject of HVAC Advanced Fault Detection and Diagnostics in a recent book by the Association of Energy Engineers (AEE).

Chris

Olmsted

Project Developer

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Chris Olmsted is a Project Developer with ATS Automation, working with stakeholders to improve their buildings and businesses. Chris has worked with ATS for 5 years, leveraging data to make facility management more proactive. His past work includes industrial assessments for the Department of Energy and energy modeling for utility conservation programs. Chris received a B.S degree in Electrical Engineering from San Diego State University and is a Certified Energy Manager.

Maulin

Patel

General Manager, Intelligent Enterprises

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Dr. Maulin Patel is a General Manager, Intelligent Enterprises, Current powered by GE in San Ramon, CA. Prior to his current role, he was Director of Connected Systems and Services at Philips Research. Dr. Patel is a proven professional with an extensive track record of innovations and leadership in IoT, smart buildings, smart cities, lighting control system, standardizations, industry alliances and government grants. He has experience in executing several multi-million dollar DoD, DoE and NSF funded research and demonstration projects. His work has led to publications of numerous journal articles, conference papers and book chapters. He has served on technical program committees of several prestigious conferences and journals. He holds 13 issued patents and 29 applications are pending. He is a recipient of the Distinguished Employee Award from Philips Research. Dr. Patel received the M.S. degree in Computer Science and the Ph.D. degree in Telecommunications Engineering from the University of Texas at Dallas in 2002 and 2006 respectively.

Bill**Prilliman****HVAC Specialist****Air Northwest**

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Bill relocated to the Portland area from Richmond Virginia in the summer of 2015. Bill has been working in the building industry since 1993. As a HVAC and Building contractor he has 14 years experience in sales, service and installation of residential and light commercial HVAC equipment, duct systems, and gas piping systems. Bill continued working in the HVAC/Building industry covering 13 states as a manufacturers rep for Warmboard Inc., a radiant panel manufacturer. In 2010 Bill entered into the energy industry working with demand side energy reduction programs focusing on reviewing, and promoting the use of energy efficient products in the residential, commercial and industrial sectors. Bill has worked with utilities such as Dominion Resources, Duke Energy, American Electric Power, Cascade Natural Gas, and Bonneville Power Administration. With Lockheed Martin, Bill is a Senior Sales Representative in Business development and Field outreach for Cascade Natural Gas in Washington State and an HVAC Technical Specialist for BPA's Air Northwest Trade Ally Network.

Andrew**Pultorak****Senior Energy Management Engineer****Puget Sound Energy**

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Andrew Pultorak is a Senior Energy Management Engineer with Puget Sound Energy working within the Energy Efficiency Services Group. Andrew has nearly 29 years of experience in the lighting industry, and, throughout his career he has designed interior and exterior lighting in both national and international settings as well as developed and taught classes on energy efficiency, lighting design principles, energy codes, federal legislation, and the future technologies in lighting. He holds his certification from NCQLP (National Certification of Qualified Lighting Professionals), and is a member of the IES (Illuminating Engineering Society). He has served for over 15 years as a Board member of the IES Seattle/Puget Sound Section in a variety of roles from President, to Illumination Awards Chair, and Programs Chair. Nationally, Andrew has served as a member of the IES National Progress Committee and is currently serving on the Board of Directors for the Electric League of the Pacific Northwest.

Dan

Salinas

President, Lighting Systems Designer

Salinas Lighting Consult, Inc.

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Dan's career spans 36 years in the electrical industry, and he seeks to use that knowledge and experience to assist owners, architects, lighting designers and construction teams in identifying issues and finding new techniques, concepts and methods that will maximize the effectiveness of the design. And at the end of construction, to establish a maintenance path that will not only provide tools for keeping the facility up to spec, but also providing a means of documentation for future upgrade as desired. A larger purpose in this concept is that of education; to use the hands-on design process as a means to teach those involved about new ideas and concepts, ways to be not just efficient but sustainable in thinking about the long term use of materials and the energy required to power them.

Charlie

Stephens

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Charlie is a Senior Codes & Standards Engineer at the Northwest Energy Efficiency Alliance (NEEA) representing the interests of its funders in federal and state energy efficiency standards processes, and helping to align the work of NEEA's Emerging Technologies and Sector Initiatives with the PNW region's codes and standards objectives. Before coming to NEEA, Charlie was a consultant for architects and homeowners building high performance and net zero energy homes, and a senior policy analyst at the Oregon Department of Energy where he focused on residential energy efficiency, new technology development, sustainable building and community development, and energy efficiency and renewable energy policy.

Eric

Strandberg

Senior Energy Management Engineer

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Since 1995 Eric Strandberg LC, has been one of the lighting specialists at the Lighting Design Lab promoting energy efficiency and quality lighting design. With a passion for “all things lighting”, he has over 30 years in the lighting industry. This work encompasses almost every aspect of lighting design and conservation including; developing and presenting classes, writing articles, technology evaluation and project consultation.

Steve

Zwaller

Facilities Manager

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Steve Zwaller has served as Crane Aerospace's Facilities Manager, and Operations Supervisor in Lynwood, WA for the past 5 years. Prior to joining Crane, Mr. Zwaller spent 21 years with Kimberly Clark in Everett, WA. There he excelled in roles as: Engineering Team Leader; Maintenance Team Leader; and Utilities Team Leader. Mr. Zwaller earned his BS in Electrical Engineering from the University of Washington.