

# Eastside LEED Users Group (ELUG)



**Tuesday, September 21<sup>st</sup> (7:30 AM – 9:00 AM)**

**GLY Construction: 15 Lake Bellevue Drive, Suite 200, Bellevue, WA**



## **Green Power for Your Project**

Solar Electric & Thermal | Utility Incentives  
Advanced Ground-Source Heatpumps | Micro-Hydro



With government incentives and a growing sense of environmental responsibility it's no wonder that renewable energy projects at the building, campus, and utility scale are hot topics in the news today. On September 21<sup>st</sup>, ELUG welcomes utility, industry, and design representatives to present on technologies that can provide your next building project with a green power boost. ELUG is excited to have Doug Smith, Eco Engineers' senior mechanical and energy professional engineer, and long-time Cascadia Seattle Branch Steering Committee member, as our panel moderator.

### **Panelists:**

**Dave Woods**, Principal at GeoEngineers of Seattle, is responsible for GeoEngineers' Ground Source Heat Pump Research and Development group which is leading the industry in ground loop design and efficiency. The objective of the R&D is to use GeoEngineers' geologic and hydrogeologic knowledge and thermal modeling expertise to optimize designs so that first costs are reduced, long-term performance is enhanced and consideration is given to integrating absorber pipes into foundation elements. GeoEngineers recently formed a partnership with GeoTility (Tacoma's new Center for Urban Waters project) to reduce fossil fuel demand the GSHP. Dave's volunteer activities as a board member for Great City, Past President of the Puget Sound' Engineers Without Borders, and currently acts as a mentor to the University of Washington EWB Chapter's water supply projects in central Bolivia.

**Buzz Burgett and Jeremy Keller** lead Smart Solar Solutions, a division of NW Mechanical which has been installing solar systems since the 1970s – many still working today. With years of experience in PV Electric, Domestic Hot Water (DHW), and Swimming Pool systems, Northwest Mechanical has an extensive resources available for clients involved in residential, commercial and governmental project. Using the products they install, NW Mechanical has a 3.4 kW grid tied PV system on our façade, eighteen 190 W panels installed as an awning on their office that provide shading in the summer months and electricity year round.

**Heather Mulligan** has been the Market Manager for Puget Sound Energy's Green Power Program for the past 4 years. Heather will provide an overview of PSE's green power purchases for businesses program, incentives for onsite renewable energy, insight into the application of the new WA State community solar incentives, and highlights of PSE utility-scale renewable energy portfolio. Heather has over 18 years experience with programs supporting energy efficiency and renewable energy technology including as the national and regional coordinator of U.S. Department of Energy's Million Solar Roofs Initiative.

**Perry Spring** is a 1980s building energy consulting and renewable applications pioneer with the systematic logic of an ecologist. A recent graduate of Cascadia CC's sustainable practices program and Associate Energy Specialist at Eco Engineers of Kirkland, Perry will present on the opportunities of utilizing a new generation micro-hydro power generation equipment to harvest seasonal stormwater potential in urban settings.

Please RSVP to [elug@gly.com](mailto:elug@gly.com)