

Free Educational Workshop

For PGE Commercial Customers

Monitoring Load Shape Workshop for Commercial Customers

This free half-day workshop is designed for customers that are current users of E-Manager or Energy Expert. Receive hands-on experience on how to effectively use the programs to identify building energy use anomalies and ways to save energy.

This workshop will equip participants to better:

- *Learn the basics of E-Manager and Energy Expert*
 - *Learn how to effectively use the program to identify energy efficiency potential*
 - *Compare your building's energy consumption with other commercial customers*
 - *Find out what incentives, tax credits, and resources are available to help pay for your projects*
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Who should attend?

Commercial customers who want to improve their knowledge of how to effectively use E-Manager or Energy Expert to monitor load shape for energy efficiency opportunities.

- *Facility Managers*
 - *Sustainability Managers or Coordinators*
 - *Energy Managers*
 - *HVAC System Programmers*
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Workshop Instructors

Rick Durst, Energy Information Services Program Manager, Portland General Electric

Rick has 19 years in the electric utility industry plus 10 years as an electrician in the U.S. Nuclear Submarine Service. He has led PGE's Energy Information Services program for the last seven years and also manages PGE's Demand BuyBack, Plug-in Vehicle, and Web-based Power Quality Monitoring programs. Rick also serves as a board member for the Oregon Association of Professional Energy Managers (APEM).

Greg Nelson, P.E., Commercial/Industrial Energy Specialist, Portland General Electric

Greg is a mechanical engineer with 14 years of experience in commercial and industrial systems design and operation. Greg specializes in identifying energy efficiency improvement opportunities within businesses.

Nov. 4, 2009 • Wilsonville, OR

Time and Location

Wed. Nov. 4, in Wilsonville

7:30 a.m.-12:00 p.m.

Continental Breakfast: 7:30 a.m.

Seminar: 7:50 a.m.

Wilsonville, Clackamas Community College

PGE Corporate Training University Campus



Directions

From 1-5 Southbound: Take 1-5 South to Exit 283. Turn left at light onto Wilsonville Road, go to fourth stop light and turn left onto Town Center Loop East.

From 1-5 Northbound: Take 1-5 North to Exit 283. Turn right at light onto Wilsonville Road, go to third stop light and turn left onto Town Center Loop East.

Clackamas Community College – PGE Corporate University Campus is about half a mile north on Town Center Loop East on the left side of the road. Look for the “PGE/PacifiCorp” sign.

Accreditation

- **Clackamas Community College:** 0.4 CEU's (Continuing Education Units)

Cost

Free to PGE customers. Others are welcome based on availability of space, small fee may apply.

Registration

RSVP is requested as soon as possible. However, we can accommodate a few walk-in registrations.

To register, e-mail PGE.Seminars@pgn.com or call **503-464-8020** and press “1” for classes.

More Educational Opportunities

For more information on additional classes for PGE business customers, visit our web site at PortlandGeneral.com/Classes. Classes may be added throughout the year. If you'd like to receive e-mail notices of new class offerings, e-mail PGE.Seminars@pgn.com.

Additional classes to look forward to in 2009/2010:

- Ammonia Refrigeration
- Compressed Air Systems
- Chilled Water Systems
- EE & Renewables-A CFO Perspective
- Industrial Fan Systems
- Industrial Pump Systems
- New Trends in Lighting
- Smart Investments in EE for Multifamily Property Managers



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