

IMPROVING PLUG LOAD EFFICIENCY IN OFFICE BUILDINGS

*for those who specify, purchase, or use products
such as computers, task lighting, monitors, printers, etc.*

March 13, 2009
9:00 to 1:00 including lunch
The Bertha Landes Room, first floor Seattle City Hall
600 5th Avenue, Seattle

9:00 How to Use ENERGY STAR® to Specify High Performance Products

Andrew Fanara, United States Environmental Protection Agency
Team Leader, ENERGY STAR Product Specifications Development Group

What are today's most energy efficient products that you can find in the market place? Andrew Fanara, a long-time manager in the US EPA's Energy Star program, will describe the process by which EPA has worked with industry globally to develop test procedures and specifications for a wide variety of products found in homes and businesses. He will review the program objectives and available Energy Star tools including on-line calculators useful in estimating the annual savings and payback.

Andrew Fanara is currently leading EPA's effort to develop ENERGY STAR specifications for datacenter IT equipment and entire datacenters. He is also responsible for managing policy coordination with countries using ENERGY STAR in their markets. This includes Japan, Australia, New Zealand, Taiwan, Canada, China, the UK, Switzerland and the European Union.

10:00 Break

10:15 Finding Areas of Highest Potential Plug Load Savings and Making Them Real

David Korn, Cadmus/Quantec
Principal, Energy Efficiency and Renewables

How much do various plug loads consume nationally? In the typical office building they can use 20 percent of electricity use and more. Where should you focus to identify the big users, and the areas where the most improvement can be made? What equipment purchases and operations strategies will reduce plug load energy consumption? How can monitoring of actual consumption be useful to performance? This session will arm you with the information to save a substantial portion of plug loads often with little investment.

David Korn is an energy engineer whose broad experience includes detailed technical evaluations of products and measurement and management of building plug loads. He has led a national effort for the last 5 years to reduce electricity use by IT networks operated by U.S. organizations. A principal at Cadmus, Mr. Korn manages the company's energy efficiency and renewables practice.

12:00 Utility Grants (during Lunch)

Utility funding for high efficiency plug loads in a relatively recent and ongoing development. Find out what is currently available, and what is likely to come next.

12:30 Discussion

Please RSVP by March 9 to phoebe.warren@seattle.gov.