



Utility Treasure Hunt

The surest way to reduce your utility costs and their future impact is to reduce consumption and that is the focus of the "Utility Treasure Hunt". The KMA will be providing a two-day training event that will be hosted by NEFAB and lead by John Jankowski of General Electric's Motor Business in Peterborough.

Tuesday, March 2nd, 2010

Day 1: Utility Treasure Hunt : NEFAB (211 Jameson Drive, Peterborough)

1:00 PM: Classroom Session: Training and review of Treasure Hunt Process
2:30 PM: Plant Floor Exercise: Hands-on Energy Audit (non-operating phase)
4:30 PM: Review of Day 1 and Adjourn

Wednesday, March 3rd, 2010

Day 2: Utility Treasure Hunt: NEFAB (211 Jameson Drive, Peterborough)

8:00 AM: Classroom Session: Training
8:30 AM: Plant Floor Exercise: Hands-on Energy Audit (full operation phase)
12:30 PM: Lunch
1:30 PM: Preparation of reports and presentation to be made to full KMA Membership

KMA Membership Meeting: Roland's Steakhouse (Hwy 7, Peterborough)

4:00 PM: Tom Sayer, KMA Chair: Overview of Utility Treasure Hunt
Kirkland Engineering: Advanced approaches for reducing energy costs
5:00 PM: Presentations from NEFAB Audit by Utility Treasure Hunt Teams
6:00 PM: Dinner
7:15 PM: Presentation: Richard Janecky, Senior Industry Officer
Industrial Programs Division
Office of Energy Efficiency, Natural Resources Canada
Available Government Programs

Cost of Training: (includes Lunch Day 1 and Dinner Day 2): **\$150.00 p.p.**

Maximum of 25 Participants (5 Teams of 5) *Participants must have their own hearing protection, safety glasses and safety shoes.

Cost of Membership Dinner Meeting (includes Presentations): \$50.00 p.p.

******Please reply to this email to register for these events.******

More.....

John's Overview of the Utility Treasure Hunt Process:

"The event is designed to investigate opportunities that will reduce waste and/or improve efficiencies in an effort to reduce operating costs and environmental impact for any business. The treasure hunt uses a team driven process for identifying these opportunities. A group of people are broken into teams and assigned an area of the facility. The teams walk the floor at two separate times. One time is when production is running at normal rate. This allows the teams to find opportunities during the operating hours of the plant. These opportunities are mostly related to process and operational inefficiencies or wastes. The second time is when production is not running. This allows the teams to understand what the facility looks like when it is in shutdown mode. Several simple yet overlooked opportunities present themselves during this walk as well. These events have been held at many larger facilities and have yielded some significant results. Some examples of improvements that have been made are:

- *Re-lamping projects to reduce electricity used for lighting (usually a 1-2 year payback)*
- *Single pass through cooling water elimination projects (usually a 2-3 year payback)*
- *Repairing leaking air lines, leaking air tools, etc. (usually less than a 1 year payback for quick fixes)*
- *Installing alternative or higher efficiency heating units, insulating walls or repairing broken windows and doors (usually a 2-3 year payback)*

In some cases the government will help fund these projects, which makes the paybacks even more attractive. Reducing utility waste is a great way to improve a company's bottom line while also helping the company become more "green". "

Utility Treasure Hunt Team members who participate in the training will then be able to lead a similar event in their own plant.