

MDM Sponsor Spotlight: BC Hydro Power Smart Partners Program

February 21, 2008
Draft Notes

Purpose:

1. To allow motor sales and service center staff, manufacturers field staff, motor vendors, and program managers to learn – first hand – about the highlighted programs and how to participate in them.
2. To make person-to-person connections between efficiency program administrators and the vendors and service providers who do business in their service territory.

Summary:

Kellem Emanuele of CEE and MDM welcomed callers. Since some were new to MDM, Kellem gave a brief overview of the campaign, and Spotlight call objectives. Callers identified themselves and their affiliations. At least 15 participants were present with representatives from each sponsor group. Kellem then introduced the speakers:

- Eddie Young, Program Manager for BC Hydro Power Smart Partners – Distribution (PSP-D) program.
- Nick Dalziel, Program Manager for BC Hydro Power Smart Motor Management Planning (MMP) Initiative

Eddie gave an overview of the BC Hydro Power Smart Program, the Program's goals, and the Program's components. Due to projected energy deficits by the year 2025, efficiency is mandated for BC Hydro. To achieve their efficiency goals in the industrial sector, BC Hydro has adopted a Continuous Energy Improvement strategy which includes five programs Sustainable Energy Management Program (SEMP); Energy Manager; Monitoring, Targeting & Reporting; Motor Management Planning (MMP) and Employee Awareness. Nick summarized MMP, and reviewed the successes and lessons learned from an MMP pilot at a Pulp Company.

The presentation that was provided to callers prior to the call is available on-line at <http://www.motorsmatter.org/events/spotlight.html>.

The question-and-answer session that followed the presentation is detailed below. After the Q&A session, Kellem concluded the call.

Opportunities for trade ally participation:

BC Hydro is actively promoting participation in Green Motors and hoping to develop the program further. BC Hydro views Green Motors as the bridge that connects the motor manufacturing, sales, and service industries with BC Hydro's motor management initiatives.

Question-and-Answer, Discussion:

Q: NYSERDA concurred with BC Hydro's analysis of motors in the field.

A: Of the 8,000 motors NYSERDA has inventoried, approximately 10% are eligible for immediate replacement; approximately 50% are eligible (upon failure) for replacement with NEMA Premium motors.

A: BC Hydro has experienced similar statistics.

Q: What is the current status of the Pulp & Paper project (describe in the presentation)?

A: The report was recently issued to the customer and they are in the process of reviewing.

Q: The Power Smart Partners and MMP program sound similar to a program that was offered by the Ontario Power Authority in the 1990's, does OPA still operate this kind of program?

A: OPA is currently working on getting a similar program up and running. MDM Campaign staff will provide the appropriate contact information.

Q: A common motor problem is dual speed motors operating in single speed mode.

A: BC Hydro concurred that this was a common problem they have also encountered.

Q: Securing management buy-in is essential. Are there any strategies that have proven to be successful to do this?

A: Energy efficiency can be executed from the bottom up, but energy management needs to be executed from the top down. BC Hydro includes motor management as part of the energy management program.

BC Hydro's Sustainable Energy Management and Manager programs have helped to secure management buy-in. Through these programs, BC Hydro provides funding, energy targets, and co-funds up to 75% of an energy manager's salary. The approach of BC Hydro's continuous energy improvement model includes building a strong team with many resources. Being clear about expectations and managing these expectations throughout the process is also essential.

Information about BC Hydro's Power Smart Partners Program and Motor Management Planning (MMP) is available at <http://www.bchydro.com/business/pspartner/pspartner1009.html>.