

# INDUSTRIAL ENERGY MANAGER

## POWER SMART PARTNERS—TRANSMISSION

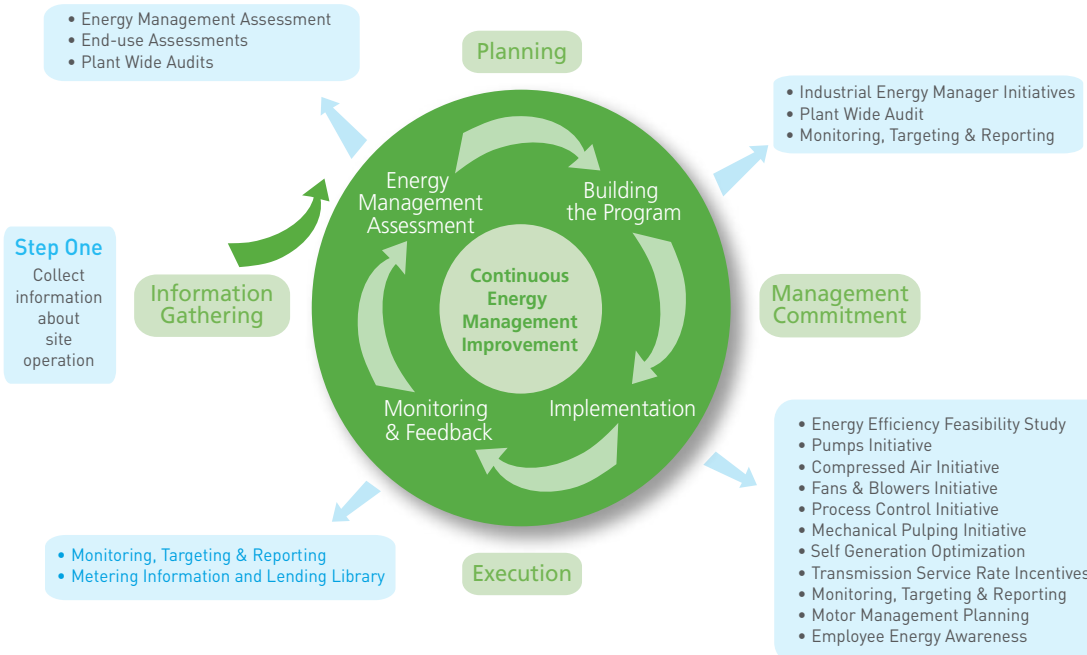
### A STRATEGIC APPROACH TO SUSTAINABLE ENERGY SAVINGS

Electrical energy can account for a significant percentage of the operating costs of industrial organizations. Due to increasing energy demand in B.C., the projection is that electricity energy costs will continue to rise in the future. The development of a long-term plan to increase energy efficiency can address that risk and provide an effective cost reduction strategy.

Because many organizations do not have the human resources or time to develop an energy management program, BC Hydro now offers industrial transmission customers a strategic advantage: the expertise and skills of an industry-focused energy manager—one who is skilled in the technical and managerial aspects of industrial energy management.

### SUSTAINABLE ENERGY MANAGEMENT PROGRAM

Taking a comprehensive, integrated approach to energy management is the key to being able to capitalize on efficiency opportunities and realizing sustained energy savings. The diagram below shows how Power Smart Industrial offers, including Energy Manager, integrates into a Sustainable Energy Management Program.



### HOW BC HYDRO CAN HELP

With BC Hydro co-funding, the program is low-cost and low-risk for your organization. The Industrial Energy Manager Program co-funds the cost of hiring an energy manager for your operation. We will work with you to determine the scope of work for the energy manager and tailor the program to your company's unique business needs. To ensure a high level of expertise, qualified energy managers will be drawn from a pool of individuals who have appropriate industrial experience, skills and training. These candidates may be registered with the BC Hydro Power Smart Alliance group. The energy manager may be either an employee or a consultant.

By working together, we'll identify the best and most sustainable energy management program for your business—one that's focused on continuous improvement. The result? Reduced energy and maintenance costs and improved productivity, making your business more competitive.

## HOW IT WORKS

The Industrial Energy Manager Program is designed for all BC Hydro industrial transmission customers participating in the Power Smart Partner Program. We offer two options: “Energy Manager” is for customers who wish to focus on specific energy efficiency improvements, while “Energy Manager with SEMP” takes a more comprehensive approach, using the Sustainable Energy Management Program (SEMP) model to implement a program of continuous improvement in energy management. Talk to your Key Account Manager to determine which option is better for your business.

### THE TABLE BELOW SUMMARIZES THE DEDICATED ENERGY MANAGER OPTIONS.

OPTION	WHO IT'S FOR	DELIVERABLES	KEY FEATURES	FUNDING	BENEFITS
Energy Manager	Industrial Power Smart Partners implementing energy-saving projects, business process improvements and employee awareness initiatives	Quarterly reports summarizing projects completed and energy savings achieved	Additional Power Smart initiatives support energy management practices	BC Hydro co-funds cost of hiring Energy Manager	Lower energy costs, reduced equipment wear and tear, and increased productivity resulting from energy efficiency improvements
Energy Manager with SEMP	Industrial Power Smart Partners interested in and able to implement continuous improvement in energy management	SEMP developed through a BC Hydro sponsored workshop  Quarterly reports summarizing projects completed and energy savings achieved	SEMP is executed by the Energy Manager  Additional Power Smart initiatives support energy management practices and SEMP implementation	BC Hydro co-funds cost of hiring Energy Manager plus additional costs to support SEMP  Extended Energy Manager term, up to two years	Sustained, operation-wide energy and maintenance savings and productivity gains

## WHAT A DEDICATED ENERGY MANAGER CAN DO FOR YOUR ORGANIZATION

A dedicated industrial Energy Manager can provide solutions for many industrial challenges.

Typical activities include:

- Developing an effective communications and employee awareness strategy to lead behavioural change and education of your workforce
- Developing a systematic, process-oriented program of energy management that will provide sustainable energy savings
- Coordinating multi-functional teams to address energy management challenges in a variety of internal departments, such as Purchasing, Training, Human Resources, Operations and Maintenance
- Conducting energy-use baseline and energy management assessments
- Developing Monitoring, Targeting and Reporting, and Measurement and Verification protocols—important elements of a sustainable energy management program—and training employees in their use
- Leading the identification, evaluation and implementation of energy efficiency projects
- Evaluating purchasing strategies to optimize equipment life-cycle costing



### FOR MORE INFORMATION

Contact your Key Account Manager, or give our Customer Care people a call.

604 453 6400 Lower Mainland  
1 866 453 6400 elsewhere in BC

[bchydro.com/industrial](http://bchydro.com/industrial)  
[industrial@bchydro.com](mailto:industrial@bchydro.com)