

ADVANCED HEAT RECOVERY & INDUSTRIAL ENERGY EFFICIENCY

Training courses 2019



Subsidized courses now in Alberta and New Brunswick!

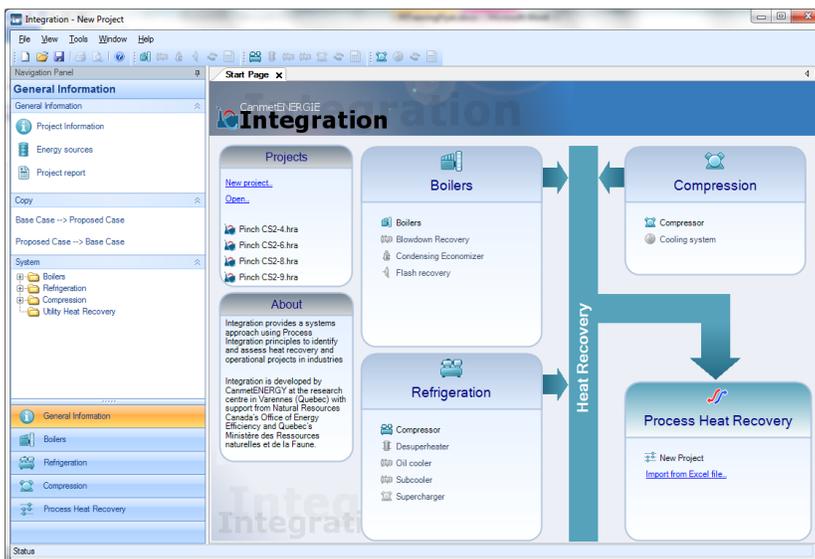
Already done a conventional energy audit on your plant and wondering what is next? These advanced heat recovery techniques identify cost-effective projects that:

- Reduce fuel costs by up to 30%
- Cut present and future GHG emissions and liabilities
- Increase product throughput with limited CAPEX
- Generate revenues through increased electrical production

This course and the powerful **INTEGRATION** software, licensed by Natural Resources Canada, draw on dozens of successful studies that led to significant fuel and GHG savings—including at facilities already considered efficient—in the Canadian food & drink, chemicals, petrochemicals, oil & gas, pulp & paper and minerals sectors.

"This was an excellent course...the techniques can and will be used immediately...the best value I've ever had for a course"

"Immediately applicable to what I do for a living"



INTEGRATION software combines sophisticated engineering models for pinch analysis and heat recovery from steam, refrigeration, and compression systems with an intuitive interface. Practical, powerful, useful, and **free for course participants**.

Who should attend:

- Engineers (re)designing plants with high heat use & reasonably complex processes
- Energy managers needing to deal with consultants working on plant design, energy audits, and process improvements
- Engineers looking to earn continuing education credits in cutting-edge energy efficiency techniques

Course content:

- Introduction to global energy & pinch analysis
- Graphical representation of process streams and heat exchanges
- Determining minimum energy consumption and heat recovery potential of a process
- Identifying sources of energy inefficiency
- Pinch analysis of existing heat exchanger networks
- Heat integration for process & utility systems
- Utility system (steam, refrigeration, compression) analysis and heat recovery

Fredericton: October 8, 9 & 10, 2019

Calgary: Nov 7 & 8, 2019 + 2 half-day webinars

Edmonton: Feb 6 & 7, 2020 + 2 half-day webinars



For more information:

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