



At Thorn Associates,
we know it takes
21st century solutions
to tackle 21st century
problems.

Headquartered in Toronto, Canada, Thorn Associates is a group of multilingual energy and carbon management consultants. We specialize in helping companies like yours in the mining, manufacturing, and metals sectors make the most of their energy budgets by reducing energy waste and greenhouse gas emissions.

We align energy efficiency projects with your other business drivers, creating strategically important projects that don't just reduce energy costs and carbon emissions over the long term, they improve health and safety, build your reputation as an environmentally conscious leader, and ameliorate the quality of your products. You'll see your maintenance costs drop and your productivity grow.

PROJECTS

Energy Design Reviews

You have a greenfield (new build) or large expansion and want to ensure the design is as energy efficient as economically feasible.

Our Energy Design Review process provides up to 40 percent annual energy cost savings compared to the baseline design.

ISO 50002-Compliant Energy Audits

You need ways to reduce your energy costs and carbon emissions, but your industrial process is complex and most energy management professionals only deal with commercial buildings.

Thorn Associates' professionals have two decades of industrial energy experience. We focus on the largest savings: process energy reductions.

Energy Efficiency Pre-feasibility & Feasibility Studies and Retrofit Implementation

You know what projects you would like to implement to save energy and reduce carbon emissions. Now you need someone to manage your energy efficiency studies and project implementation.

Thorn Associates will provide you with one point of contact who will manage the engineering firm and/or industrial contractors. We also act as senior technical quality control experts to ensure that all energy efficiency projects meet design specifications.

Energy Management Information System (EMIS) Consulting

You have an EMIS now or you would like to choose an EMIS (dashboard software + energy meters) to reduce energy costs.

You need an independent expert who can guide you in developing the business case for having an EMIS, as well as EMIS selection, training, and opportunity identification.

Heat Transfer Process Optimization Using Natural Resources Canada's Integration Software

You have a complex industrial process that has significant heating and cooling requirements. Rather than do piecemeal heat recovery, consider an integrated, systems-based heat recovery approach (Pinch Analysis). It will save carbon emissions too!

Project Management for Energy Efficiency/Renewable Energy Projects

You are time-starved and lack sufficient resources to take on additional non-core projects, but you know there is a great business case for a specific energy efficiency or renewable energy project.

Thorn Associates can help.



STRATEGIC ENERGY PROGRAMS

Energy/Carbon Reduction Strategy and Planning (including ISO 50001 Consulting)

Your company has an energy and/or carbon reduction target, but you're not sure how to achieve it?

We can help! We'll develop a plan to get you to your target. If you are interested in systematically managing energy like you manage safety and quality, you may be interested in learning how to become ISO 50001 compliant (without necessarily becoming certified).

Culture Change

You need everyone on site to contribute to energy efficiency progress for bigger, long lasting results.

Through training and incorporation of ISO 50001 best practices adapted to your operation, you will have everyone working towards your goal of reduced energy and carbon costs & emissions.

DUE DILIGENCE & VERIFICATION

Measurement and Verification of Energy/Carbon Savings

How do you measure reduced energy use when weather, production and other factors have changed?

We provide you with verified energy savings conducted by our Certified Measurement and Verification professionals who follow the International Performance Measurement and Verification protocol that will pass your utility's technical review/audit. Make sure your boss knows how much energy you actually saved. It may be more than you realize!

Due Diligence/Third Party Verification/ Owner's Engineer for Energy Efficiency projects

You are investing a significant sum in an energy efficiency project.

We are that independent third party professional engineering team who can provide you with an unbiased technical review.

WE CAN HELP YOU IDENTIFY AND DETERMINE ELIGIBILITY FOR GOVERNMENT REBATES/INCENTIVES

CLIENT TESTIMONIALS

"Thorn Associates led ground breaking, world class work."

"You created a paradigm shift in how our management team views energy."

"Emily's demeanor and leadership with the entire team was impressive."

"I have funding for and am going to implement all of your recommendations."

"You are in a league of your own."

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