

## When you think of air conditioning, is this all that comes to mind?

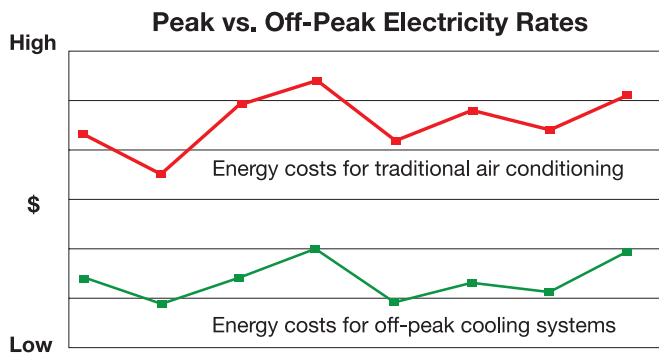
- ➔ WHAT IF YOU COULD REDUCE AIR CONDITIONING ENERGY COSTS BY 60%?
- ➔ WHAT IF SOMEONE ELSE PAID UP TO 40% OF THE RETROFIT COSTS?
- ➔ WHAT IF YOU COULD HELP THE ENVIRONMENT WHILE YOU DID IT?

### OFF-PEAK COOLING

Off-peak Cooling (OPC), using Thermal Energy Storage (TES), is the process of making and storing ice at night, when the demand for cooling and energy costs are at their lowest, and using the ice to provide cooling for air conditioning or other processes during the day.

With OPC, power-intensive air conditioning equipment is operated at night shifting electrical consumption to “off-peak” hours when electricity prices are typically 35 – 50% lower.

This simple concept of peak load shifting can lower monthly energy costs by thousands of dollars.



Moreover, AC equipment consumes less power and delivers higher performance when operated in more favourable night time conditions. The result is not just lower costs, but also, real energy conservation.

Off-peak cooling also benefits the environment by reducing greenhouse gas emissions from coal-fired power generation facilities.

### BENEFITS OF OFF-PEAK COOLING

- ➔ reduce energy costs up to 60%
- ➔ lower equipment operating and maintenance costs
- ➔ enhance reliability and extend equipment life
- ➔ lower total cost of ownership
- ➔ LEEDS & BOMA Go Green qualified technology
- ➔ reduce greenhouse gas emissions
- ➔ reduce your corporate carbon footprint
- ➔ qualifies for substantial government incentives (up to 40% of the cost, based on peak load reductions)

*At Innovative Cooling Technologies*, we're experts in enviro-friendly, energy efficient cooling solutions. We specialize in the design, build and installation of off-peak cooling systems. We'll work hand in hand with your current contractor or manage the project end to end.

The patented Ice Ball™ TES technology is exclusive to ICT in Ontario.

To learn more about the Ice Ball and how off-peak cooling can generate huge savings, visit our web site at [www.ictcanadaltd.com](http://www.ictcanadaltd.com)



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