



Thermal energy storage canada

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This is the login for Trane(R) Connect(TM) and other Trane(R) commercial applications. Trane(R) Connect(TM) is our secure, cloud-based customer portal to access your building systems to remotely monitor and manage building systems, and conduct routine maintenance.

Through years of research and thousands of installations, Trane has identified water as a very effective material for storing thermal energy for later use. This makes thermal energy storage an optimal means for a chiller plant to collect, store, recover and discharge heating and cooling energy. That's just the start of what makes it such a powerful solution.

Thermal energy storage is more effective when controlled and integrated properly. Trane's data-backed, consultative approach caters to your exact heating and cooling needs and operational requirements. Compared to other providers, we provide a complete solution with building-level controls and digital services.

Trane's easy-to-integrate thermal storage tanks--compatible with complete system design guidance, control sequences and points list with operation dashboards--are designed to work reliably. Easy-to-manage pre-packaged with operator dashboards give complete control over system performance.

Made with durable polyethylene, yours can be implemented into a new building or retrofitted when replacing a chiller plant. All you need is space for the tanks, which can go virtually anywhere: inside, outside, on a roof, in a parking garage, even buried.

These versatile second-generation tanks are ideal for larger commercial and institutional buildings, making siting and installation easy. Designed with a 20% smaller footprint requirement, Model C tanks can be bolted together to eliminate external piping and reduce installation time and costs.

Ideal for small installations since their introduction in 1979, our Classic Model A tank has been upgraded to the 100% welded PE internal heat exchanger design. They're designed for individual connection with distribution piping.

Trane Thermal Battery(TM) systems are premier HVAC plants that provide a distributed resource for our changing grid. Their ability to store thermal energy enables your building to reliably modify HVAC operations to optimize for carbon reduction or energy cost savings.



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