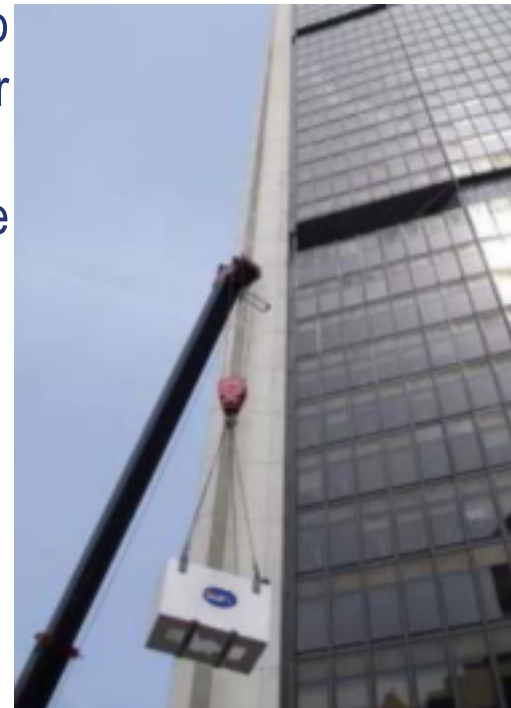




You are venting cash out of your facilities into the air!!

Currently, HVAC systems, cooling towers, data centers, buildings of every type, from power plants to manufacturing facilities to high rises to schools, all waste 50% or more of their purchased electricity or natural gas - as heat (thermal energy), which is released to the outside.

What if I told you we can install – **For Free** – an additive system to your existing heat generating equipment that can capture thermal energy and convert it into electricity you can use to power your systems and/or sell back to the grid?



I bet your first question would be, “What’s the catch?” Well, there’s literally no catch!

It’s called **TESS** (Thermal **E**nergy **S**torage **S**ystem) and can save you a bunch of \$\$\$! In commercial building installations, a reduction in HVAC peak loads as much as 45%, and reduction in electricity or natural gas expenses by 25-35%, resulting in a reduction in carbon footprint. Data Centers can step down the exit temperatures of cooling water before it enters the biosphere.



MEASURED OPERATIONAL COST SAVINGS OF TESS

By capturing, storing, repurposing wasted or rejected thermal energy, TESS reduces facilities' overall energy consumption. Monitoring shows the largest outcomes are obtained when fluctuating conditions are observed and peak time of use is completely eliminated.

- Reduces Peak Load stress (kW) and Energy Consumption (kWh)
- Energy Efficiency 22-35% on average
- Minimizes Stops & Starts, Overdesign, and Part Loads
By smoothing the load profile, TESS optimizes demand side management allowing for redundant and predictable energy distribution.
- Lower energy consumption and transmission losses
- Lower operating costs and improved asset utilization
- Deferred construction and capital expenditure requirements



There is currently no other technology like this in the world! At no cost to you, we will send our engineers to your facility, do an assessment, and answer all of your questions. If we all feel it's a good fit, we will install a TESS for you gratis!

Limited supply of free units so book your assessment today!



**Phoenix Green HTES
Thermal Energy Harvesting**

Contact us today for more information

800-915-1009

info@thermalnrgharvesting.org