



- Solar thermal technology is the most efficient use of solar energy and the most cost effective way to heat water long term.
- Solar thermal produces BTU's and is stored onsite for immediate or future use by using a solar storage tank, or solar thermal battery.
- Producing heat is a very energy intensive process. Solar thermal technology produces heat from the sun better than any of renewable energy product which increases Return On Investments (ROI) and has the best lifecycle cost analysis than any other technology.

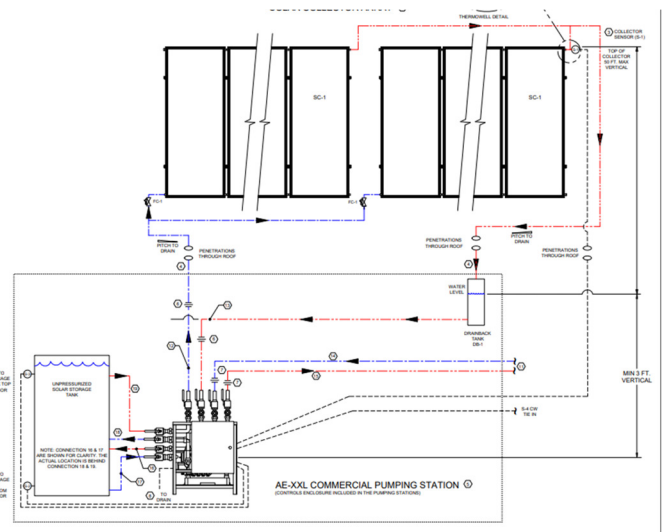


Solar Thermal Can Be Sized Based On:

- **Specific Solar Fraction** - Annual Energy Reduction
- **Specific Return On Investment** - Years
- **Budget** - Specific Dollar Figure For Investing
- **CO2 Emissions** - Reduction In Metric Tons

- Alternate Energy Technologies (AET) is the solar thermal industry's leading U.S. manufacturer & integrator of solar thermal energy solutions.
- Manufactured in Florida since 1975 and 100% American made.
- AET's collectors are manufactured with Crystal Clear Selective Coating that enables the collectors to reach optimum temperature in a minimal amount of time and retain the absorbed heat.
- AET collectors are designed for 30+ years of dependable service and carry a 10year limited warranty.
- Solar heating provides a fixed cost versus a variable fuel price, offsetting the budgetary risk of utility costs.
- All AET Solar Heating Equipment qualify for 30% Federal Tax Credit and 10% American Made adder from Inflation Reduction Act. Plus any additional local incentives for solar thermal.

Commercial System Example:



Due to AET's policy of continuous product improvement, specifications are subject to change without notice.





Incorporating solar thermal systems can be an effective way to reduce energy consumption, especially in commercial buildings where water heating is a significant contributor to overall energy usage. Here are some key benefits and considerations for using solar water heating systems.

Benefits of adding Solar Thermal Preheat for Commercial Applications:

- Reduce energy bills
- Become a Green Entity
- Create a FIXED cost of energy
- Increased hot water storage (aka thermal battery)
- Off-grid hot water
- Have reliable energy; the sun rises every day
- Invest in a system that will pay for itself
- Reduce long-term operational costs
- Create a sustainable structure and budget
- Represent renewable products
 - Decrease carbon emissions
 - Decrease demand on foreign fuel
 - Decrease demand for natural resources
 - Offset need for increased energy infrastructure
- Support American manufacturers
- Durable, mature technology
 - Proven for over 45 years
 - 10 year warranty, with a 30+ year design life
 - Millions of products installed worldwide
 - Solar thermal is most efficient use of solar energy
- Made of recyclable materials
- Worth more in 30 years when it's taken off the roof in scrap than original cost!
- Verify savings on an ongoing basis



Incentives:

- 30% Investment Tax Credit
- AET products qualify for 10% American Made Tax Credit Adder
- Accelerated Depreciation (MACRS)
- Additional Incentives: <https://www.dsireusa.org/>

Energy reduction is a necessity for many reasons, such as:

- Cost reduction
- Utility grid overload
- Infrastructure development
- Carbon emissions
- Fossil fuel & natural resource depletion



Please reach out to AET today at 1-800-874-2190 or Sales@aetsolar.com for a free feasibility review!

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