

SolarEM Smart STEP™

Qualifies for 35% Georgia tax credit and 30% Federal tax credit!

SolarEM announces a whole new level of functionality to our current product line with the introduction of our new Smart Solar Thermal Energy Plant (STEP™) including a new Thermal Energy Controller and Thermal Energy Monitor.

The Thermal Energy Controller is integrated into the Energy Pack mounted on a solar hot water storage tank as part of the residential Smart STEP™ system. It directs and monitors the system, ensuring optimized performance and maximizing the potential of solar energy over the lifetime of the system. It also controls the pump within the appliance, enabling the future inclusion of secondary applications such as pool or space heating.



The new wireless Thermal Energy Monitor lets you see the concrete benefits of solar water heating. The portable Monitor communicates directly with the Controller enabling homeowners to view system performance from anywhere in their house. At the touch of a button, the homeowner can scroll through output displays including:

- Daily, monthly, annual and lifetime dollar savings
- Energy produced and Solar Energy captured
- Reduction in carbon dioxide emissions and water saved as solar energy displaces traditional fuel sources
- Plus so much more.



They can also check the current temperature of the appliance and the water it is heating. The Monitor can also be used by utilities that are looking to measure-field performance, sell energy and quantify emission reductions.

Solar Energy is a “Green Initiative.” With increasing energy costs, solar water heating is one of the best ways to save money on a utility bill. Smart **STEP™** is a clean, cost-effective solution that uses the sun’s energy to heat your water. Your Smart STEP™ will begin reaping benefits immediately:

- Save money on your energy bill year round
- Increase your energy independence
- Reduce your environmental impact
- Enjoy hot water whenever you need it
- Fast installation by trained professionals
- Provide stability against ever increasing energy costs
- Provide stability against ever increasing energy costs



The appliance is attractive, safe, and reliable with minimal maintenance required over its long operational life.