

## SolarTech Power Solutions

# Home energy storage electric heating system



## Overview

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What is an electric thermal storage heater?

An electric thermal storage heater is a stand-alone, off-peak heating system that eliminates the need for a backup fossil fuel heating system that is wall-mounted and looks a bit like a radiator that contains a 'bank' of specially designed, high-density ceramic bricks. These bricks can store vast amounts of heat for extended periods of time.

What is a residential energy storage system?

A residential energy storage system isn't just about having power when you need it—it's about gaining control over how you use energy at home. Whether it's lowering bills, preparing for outages, or reducing environmental impact, these systems offer real, practical benefits.

What is electric thermal storage?

Steffes's Electric Thermal Storage solutions provide comfortable and reliable heat to single rooms or entire homes and businesses. Across North America, electrification is transforming the way we power our lives—reducing dependence on nonrenewable resources and building a cleaner energy future.

What are electric thermal storage heating systems (ETS)?

Electric thermal storage heating systems (ETS) are designed to take advantage of night-time,

off-peak electricity rates. But their advantages are rather mixed.

What should I consider when choosing electric storage heating?

You should consider the pros and the cons of electric storage heating, taking into account your climate, the energy efficiency of your home, the electricity rates, your needs and schedules and the costs and advantages of other home

heating alternatives.

Are electric storage heaters energy-efficient?

Electric storage heaters are designed to be energy-efficient, as they utilize off-peak electricity to heat the storage medium. This allows users to take advantage of lower electricity rates, potentially saving money on their energy bills.

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