

Waffle House

Waffle House Offsets Hot Water Costs through Solar Hot Water System

Location:

5900 Jimmy Carter Boulevard
Norcross GA

About Waffle House:

Headquartered in Norcross, GA, Waffle House restaurants have been serving customers since 1955. Today the Waffle House system operates more than 1,590 restaurants in 25 states.

Project Specs:

- Capacity:** 160,000 BTU/ Clear Day
- Racking:** Zilla
- Collector:** AET AE 40
- Backup & Storage:** Heat Transfer 119 Gallon Phoenix Gas Fired

Summary:

FCE installed four solar hot water collectors on the roof of a Waffle House restaurant, providing nearly half of the restaurant's daily hot water needs. The system reduces the overall energy consumption of the restaurant by pre-heating hot water for use in cooking and dishwashing. The solar project is expected to be paid off in less than five years and will continue to offset a substantial portion of the restaurant's hot water bill over the estimated 25 year life of the system.

For more information:

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