



OBJECTIVE

The owner installed an EcoPrime microCHP system to save on utility expenses, reduce grid dependence and minimize their carbon footprint.

OVERVIEW

This innovative technology addresses the buildings energy demand for hot water, which is crucial for both the kitchen operations and the integrated fitness center within the same building. On Point Fitness Club, primarily serving small group classes and training, also relies on the system for shower facilities. The restaurant operates lunch and dinner services on weekdays, offers dinner only on weekends, and remains closed on Mondays. The microCHP system adapts to the restaurant's fluctuating hot water needs, self-modulating based on the thermal load. This intelligent design ensures optimal run time and electricity generation, particularly during peak evening hours when service is at its busiest and during the post-closing cleanup process.





ECO PRIME™

"The microCHP unit is a smart fit for Zesti and On Point Fitness Club's variable schedule and hot water demand. By generating power on-site and recovering heat for hot water, the system reduces grid dependence and cuts operating costs during the busiest hours. I am pleased with the savings achieved thus far."

-James Cope, building owner

BENEFITS

By leveraging this cutting-edge microCHP technology, these businesses are not only reducing their utility bill but also actively contributing to a more environmentally friendly approach to its operations by reducing carbon emissions by not buying as much grid electricity.



Total Run Time:

18,086 hours

Output Since Installation:

Electricity (kWh): 48,665

Heat (MMbtu): 432.42

Data from Oct 2022 - Sept 2025

*avg. rate of \$0.1523 per kWh