SHIA

SHIA Energy Usage Analysis

Last updated: December 1, 2025

This is the analysis of the 5 course and 7 course energy usage at SHIA Restaurant.

Month	7 course period mean (kWh / meal)	5 course period mean (kWh / meal)	7 course period mean (USD / meal)	5 course period mean (USD / meal)
	How much energy is used to prepare these meals		How much in USD that energy cost us when preparing the meals	
May 2025	11.71 ± 0.62	9.39 ± 0.50	2.75 ± 0.15	2.21 ± 0.12
June 2025	18.48 ± 1.76	14.75 ± 1.50	5.06 ± 0.52	4.04 ± 0.44
July 2025	20.85 ± 1.72	16.97 ± 1.42	5.79 ± 0.48	4.72 ± 0.40
August 2025	16.42 ± 3.70	13.41 ± 3.02	4.57 ± 1.03	3.73 ± 0.84
Sept. 2025	19.81 ± 1.53	16.00 ± 1.24	5.60 ± 0.43	4.52 ± 0.35
Oct. 2025	15.70 ± 1.58	12.62 ± 1.28	4.56 ± 0.46	3.66 ± 0.37
Nov. 2025	12.52 ± .99	10.03 ± .80	3.35 ± 0.26	2.69 ± 0.21

NOTE: We continue to analyze all the data from OpenTable, Entouch, PepCo, Toast, 7Shifts, and more. The energy usage difference between October to November is because we have:

- Changed our menu for the Fall and it seems to be requiring less energy than before
- Had a private event that required only 1 turn on November 18, 2025
- Rested November 27, 2025 for Thanksgiving Day
- Had increased guest reservations per day which made each meal prep energy usage to be more efficient.