

CASE STUDY



Process Cooling-Global Chocolatier

System: 50 Ton Chiller

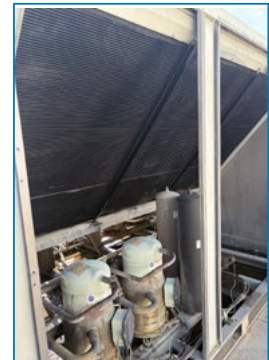
Location: Memphis, TN

Date: August 2026

Result: 30% Reduction In Power Consumption



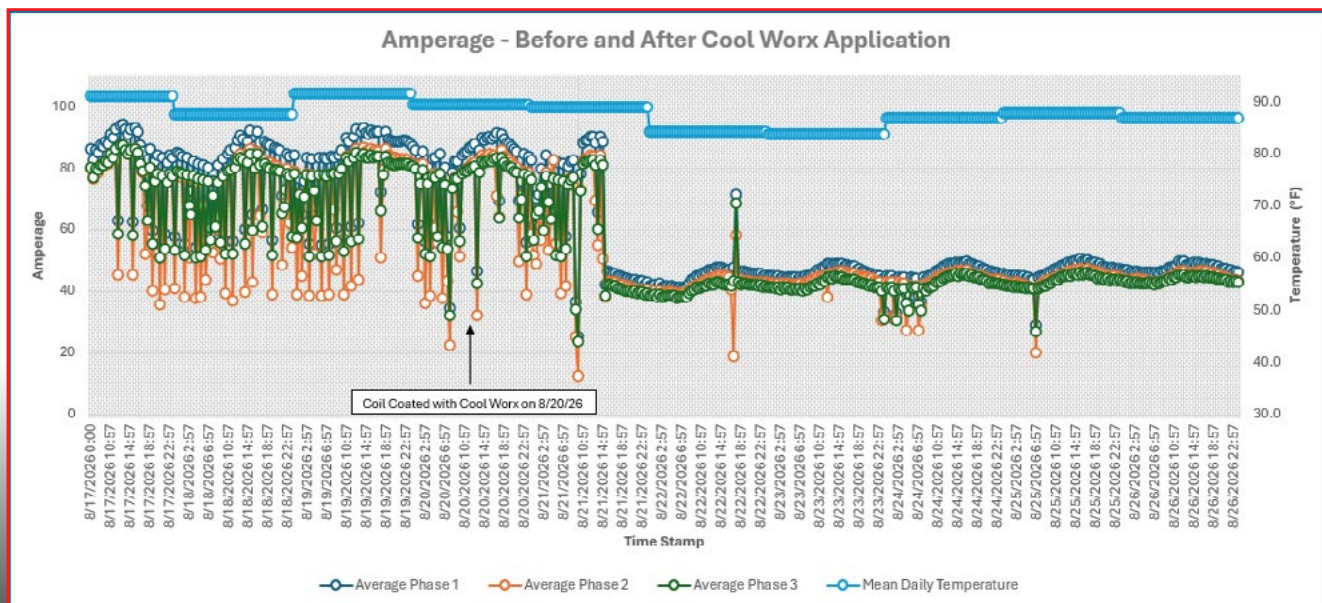
Coil Before
Cool Worx



Cool Worx
Coated Coil

- ▶ Average Pre-Cool Worx Power Consumption: **2385 kWh/day**
- ▶ Average Post Cool Worx Power Consumption: **1593 kWh/day**
- ▶ Average Daily Outdoor Temperature Within Seven Degrees

Date	Daily Power Consumption	Note
8/17/2026	2272 kWh	Multi-Week Baseline Monitoring
8/18/2026	2274 kWh	
8/19/2026	2517 kWh	
8/20/2026	2367 kWh	Coil Coated
8/21/2026	1867 kWh	Multi-Week Post Cool Worx Monitoring
8/22/2026	1457 kWh	
8/23/2026	1468 kWh	
8/24/2026	1456 kWh	
8/25/2026	1506 kWh	
8/26/2026	1530 kWh	



Notes: Graph And Chart Illustrates Transitional Behavior In Power Consumption Shortly Before And After Cool Worx Application With Similar Load And Outdoor Environment.

Month-Long Study Coil Cleaned In A Late July, Energy Monitor Added. Coil Cleaned With Nu-Calgon's Tri-Pow'r HD On 8/19 Before Coating On 8/20.