

ON-SITE ENERGY AUDITING SERVICES



As the push for reduced power consumption continues to grow, let Clarage help you tackle your **GREEN** energy initiatives. Our team of experts specialize in energy auditing and fan performance testing to identify inefficiencies within the system and to provide cost effective solutions for meeting your energy reduction strategies.

Fan performance testing can lead to major improvements in efficiency and save thousands of dollars in annual power consumption – with payback periods averaging less than a year! In some cases, Clarage can reuse existing fan housings.

Payback Period Less Than One Year

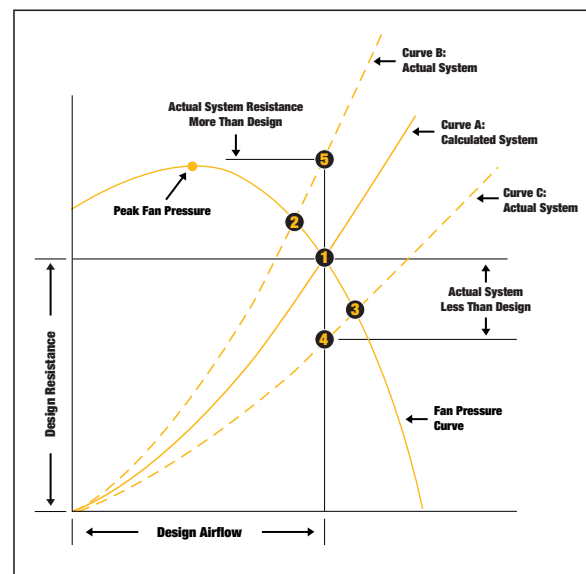
- STEP 1: Energy Audit**
- STEP 2: Fan Performance Testing**
- STEP 3: Design Phase**
- STEP 4: Delivery & Installation**
- STEP 5: Yield ROI While Meeting Your **GREEN** Initiatives**

Annual Energy Cost Existing Fan (Recent Project)

Hours in Operation:	8,322
Plant Cost per kW/Hr:	\$0.0527
Fan Energy Usage, Megawatt Hrs/Yr:	23,787
HP per inch of Pressure Loss:	77.8
Cost per inch of Pressure Loss:	\$25,469
Annual Operating Cost of Fan	\$1,253,586

Estimated Annual Cost Savings (With High Efficiency Fan)

Approximate HP @ 75% Efficiency:	2,660
Fan Energy Usage, Megawatt Hrs/Yr:	16,512
Reduced Megawatt Hrs/Yr:	7,275
Annual Operating Cost	\$870,202
Annual Energy Savings	\$383,384



DESIGN VS. ACTUAL



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202 COMMERCE WAY | PULASKI, TN 38478 | (931) 424-2500

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