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 A	∖udit

STEP 2: Fan Performance Testing

STEP 3: Design Phase

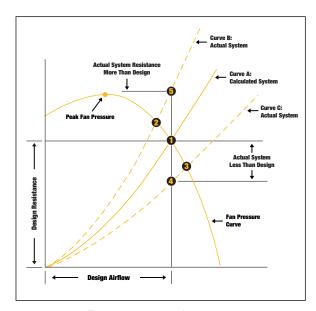
STEP 4: Delivery & Installation

STEP 5: Yield ROI While Meeting Your GREEN Iniatives

Annua	l Energy Cost Existing Fan	an
	(Recent Project)	

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

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



CUSTOM IS OUR STANDARD

202 COMMERCE WAY

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