

Annual Energy Cost Existing Fan (Recent Project)

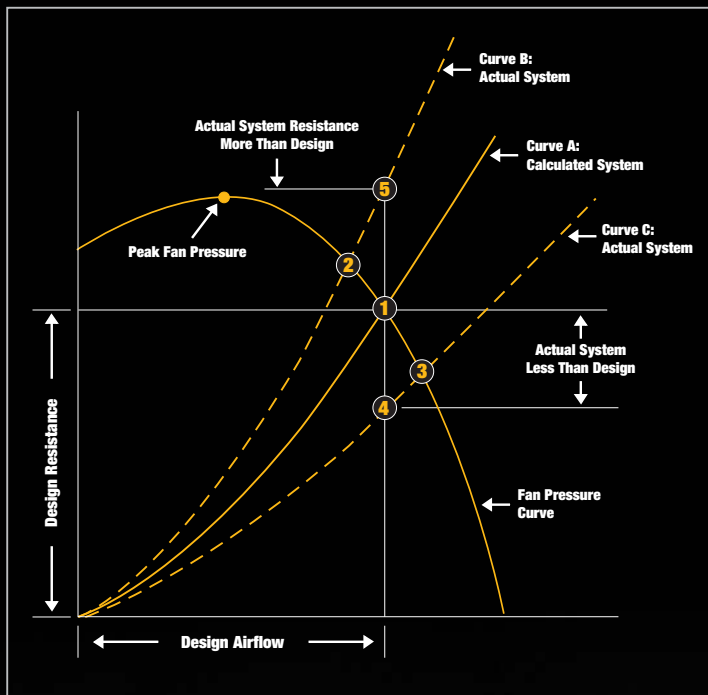
Hours in Operation:	8,322
Plant Cost per kW/Hr:	\$0.0527
Fan Energy Usage, Megawatt Hrs/Yr:	23,787
HP per inch of Pressure Loss:	77.8
Cost per Inch of Pressure Loss:	\$25,469
Annual Operating Cost of Fan	\$1,253,586

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**

Payback Period Less Than One Year



Design vs Actual



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.

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**



**For more information on getting
started, contact us today!**

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