

Commercial and Industrial Fan System Training

October 20, 2026 — 8:30 a.m. to 4:30 p.m.

Idaho Power Corporate Headquarters

(1221 W. Idaho St. Boise, ID 83702)

Class is free for Idaho Power customers.

This class will be held both in person at the Idaho Power CHQ and virtually. Are there opportunities for energy savings and productivity improvements in your fan systems? In some industrial and commercial fan system settings, while the fan itself may be operating efficiently, it could still be exhausting thousands of dollars' worth of heating (or cooling) energy to the atmosphere. In this one-day course, we'll introduce you to cost-effective methods of recovering this otherwise wasted energy and discuss cases where the payback period of tuning such systems is as little as zero to three years.

You will also learn how to estimate the operating costs of fan systems and analyze optimization opportunities using the recently released MEASUR software from the US Department of Energy (DOE). Also, we'll discuss fan affinity laws and how you can use them to estimate the savings of incorporating variable frequency drive (VFD) to slow the fan if it's developing more pressure and flow than the process needs. We'll highlight best installation practices for VFDs so you can be confident that your VFD-driven fans are as reliable as possible. A light breakfast, lunch, parking, and course material will be provided free of charge.

Key Learning Objectives

- Introduce the new MEASUR software available for free from the US DOE.
- Learn how to use MEASUR to calculate the cost of operating fans in your facility.
- Practice using the fan affinity laws to estimate VFD savings.
- Review best practices for VFD installations to make your VFD-operated fans more reliable.
- Review five cost-effective methods for capturing waste heat from fan systems.

Who Should Attend?

- Maintenance technicians
- Plant operators/managers/engineers
- Process/system engineers
- Energy managers & efficiency consultants
- Production supervisors & managers

Instructor

Ron Wroblewski, P.E. Ron is President of Productive Energy Solutions. He has over 30 years of engineering experience helping customers design, analyze, and optimize commercial and industrial energy systems. Ron has both a bachelor's and master's degree in

mechanical engineering.

Prior to founding Productive Energy Solutions, he managed the RPM Motors Program and the Performance Optimization Program at the Energy Center of Wisconsin and was engineering manager and senior engineer at established consulting firms.

Registration

Registration deadline is Tuesday, October 13.

To register, enter your information [online](#).

Questions?

Visit idahopower.com/training or contact Idaho Power at training@idahopower.com.