Optimizing HVAC Performance with Energy Efficiency

April 1, 2026 – 8:30 a.m. to 4 p.m.
Idaho Power CHQ
(1221 W. Idaho St. Boise, ID 83702)
Class is free for Idaho Power customers.

The class will be held in-person at the Idaho Power CHQ and virtually. In-person attendance is encouraged as there will be an HVAC tour. **Lunch will be provided for in-person attendees.**

This interactive workshop provides a practical, systems-level approach to improving HVAC performance through energy efficiency strategies, operational best practices, and data-driven decision-making. Participants will build foundational and intermediate knowledge of HVAC systems, explore high-impact optimization opportunities in fans, pumps, chilled water systems, and dust collection, and learn how to leverage controls, retro-commissioning (RCx), and utility data to drive measurable performance improvements.

The program blends classroom instruction with a hands-on breakout session equipping attendees with actionable tools they can immediately apply to reduce energy use and lower operating costs.

Key Learning Objectives

By the end of this session, participants will be able to:

- Understand HVAC Fundamentals
- Optimize Fans, Pumps, and Dust Collection Systems
- Improve Chilled Water System Performance
- Leverage Idaho Power's Robust Suite of Energy Efficiency Programs
- Apply HVAC Controls and O&M Through RCx
- Use Utility Data and Benchmarking Effectively
- Translate Knowledge into Action

Who should attend?

- Building operators
- Mechanical and energy engineers and contractors
- Building managers and energy investment decision-makers

Registration

The registration deadline is Wednesday, March 25th. To register, please enter your information online here.

Questions?

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

1221 W. Idaho St. (83702)
P.O. Box 70
Boise, ID 83707

Instructors

Jordan Pratt, PE, CEM
Director at Energy 350

Jordan is a Mechanical Engineer with a passion for energy efficiency and loves working with the amazing people in the industry. He has experience analyzing complex mechanical systems as well as installing, commissioning, metering, and testing a variety of emerging technologies. Jordan is a Professional Engineer, Certified Energy Manager and received his Bachelor's and Master's degrees in Engineering from Stanford University. He lives in Boise, Idaho with his wife and three kids and enjoys mountain biking, running, hiking and golfing**.**

Erik Boyer, CEM, CMVP, LEED AP
Project Manager/Senior Engineer at Energy 350

Erik is a mechanical engineer with over 20 years in the energy efficiency industry. His experience is varied and includes conducting energy studies, performing measurement and verification, researching emerging technologies, implementing Retro-Cx and developing utility energy efficiency programs. At Energy 350, Erik identifies and supports the implementation of capital and retro-commissioning energy efficiency projects in addition to the verification of energy savings at the individual facility level.

Prior to joining Energy 350, Erik was a Senior Energy Efficiency Engineer at Bonneville Power Administration (BPA) and a Regional Energy Manager at the University of Michigan (UofM). At BPA, Erik led the development of commercial and residential energy efficiency measures and programs, conducted emerging technology field tests & research and performed measurement and verification on hundreds of custom projects. At UofM, Erik led the implementation of the Medical School's energy and water management program, which included capital project development and implementation, retro-commissioning, emerging technology pilot studies and occupant sustainability education outreach.

Erik is a Certified Energy Manager (CEM), Certified Measurement & Verification Professional (CMVP) and LEED Accredited Professional (AP). He lives in Idaho Falls with his wife (Kim) and 2 children (Kienan and Elianah) and dog (Cooper) and loves to spend his time outside trail running, rock climbing, skiing and exploring.

Aran Osborne, PE, CEM, CMVP
Senior Engineer at Energy 350

Aran is a mechanical engineer with over 12 years of experience in the HVAC and energy engineering industry. He specializes in detailed energy audits, energy retrofit cost and savings analysis, retro-commissioning, Excel-based energy modeling, and measurement and verification. Aran has experience performing energy studies for industrial, commercial, residential, and municipal buildings as well as for health care and higher education campuses.

Aran is a licensed Professional Engineer (PE), a Certified Energy Manager (CEM), a Certified Measurement and Verification Professional (CMVP), and a member of the Association of Energy Engineers (AEE). He has a Bachelor of Applied Science in Mechanical Engineering from the University of Toronto, and a Master of Building Science from the University of Southern California.

Aran lives in Seattle, WA with his partner and toddler and enjoys hiking, backpacking, kayaking, playing ice hockey, and photography.