

# KEY FACULTY

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# COMMERCIAL BUILDING ASSESSMENT PROGRAM



**Oregon State**  
University



**Industrial  
Training and  
Assessment  
Centers**  
U.S. DEPARTMENT OF ENERGY



## WHO WE ARE

The Commercial Building Assessment Program run by Oregon State University's Industrial Training and Assessment Center (OSU ITAC) marks a significant step towards enhancing sustainability practices in the commercial sector. By extending energy audit services beyond industrial assessments to commercial buildings, the program contributes to reducing energy consumption and costs as well as resource efficiency.

Through this program, we are paving the way for innovative solutions in energy efficiency while nurturing the talents of aspiring energy engineers. The program's holistic approach not only benefits businesses by identifying opportunities for savings and improvements but also underscores the crucial role education plays in shaping a brighter, more sustainable future for all.

## OUR PROCESS

### ENERGY USE ANALYSIS

Before the energy audit, the building's current energy use and associated costs are analyzed using recent utility data, energy use information, and cost per unit area per year.

### PRE-SITE INTERVIEW

Our team will meet with your facility's staff to learn more about schedules of operation, use patterns, planned improvements, and areas of concern. This interview may occur at the site visit or prior depending on staff availability.

### SITE VISIT AND DATA COLLECTION

With guidance from staff, we will tour your facility to collect data on energy-consuming systems. Data collection may include using building automation system trend data, employing data loggers, and interviewing key personnel.

### ENERGY SAVINGS OPPORTUNITIES

After the site visit and consultation with facility personnel, we will identify energy and cost savings opportunities including alterations to operations, maintenance procedures, or capital improvements. Input and feedback from your personnel are critical to ensure we pursue priority interests.

### REPORT

Our report, provided 60 days after the site visit, will include specific recommendations to reduce energy use and energy cost.

### FOLLOW-UP

Within 9 months of the report, we will contact you to determine what recommendations were implemented.

The U.S. Department of Energy aims to address the energy use of small to medium-sized commercial facilities (typically 100,000 square feet or less & annual utility bills greater than \$50,000).