

# TRAINING OPPORTUNITIES FOR SEM PARTICIPANTS

## BUILDING AUTOMATION SYSTEMS

Energy Trust of Oregon is offering Strategic Energy Management (SEM) participants discounted access to three existing on-demand training courses for building automation systems (BAS). The Smart Buildings Academy (SBA), an accredited provider of online building automation training, is working with Energy Trust to offer eligible individuals an incentive that will cover 100% of the discounted course fee.

### PROFICIENT USE OF A BUILDING'S BAS CAN ACHIEVE THE FOLLOWING:



Reduced facility operating costs



Increased building performance and energy savings



Reduced equipment outages



Increased occupant comfort

### TRAINING OPTIONS AT A REDUCED COST

Eligible individuals at an SEM-enrolled organization can choose one of the three courses listed below. Before course enrollment, SBA staff will provide a pre-skills assessment to determine which course is most appropriate. Each course is self-paced and includes a series of video modules that can be accessed at any time.

Training attendees will be eligible for full reimbursement from Energy Trust for **one** successfully completed training course.

#### **Building Automation Fundamentals**

Provides foundational knowledge including the general components, processes and technologies of modern BAS

- Course duration: 10hrs 45mins
- SBA course fee\*: \$650
- **Energy Trust incentive: \$650**
- CEU: 1.0

#### **Building Automation Operations Management**

Provides greater depth to BAS topics including understanding user interfaces, creating maintenance schedules and managing energy use

- Course duration: 6hrs 16mins
- SBA course fee: \$650
- **Energy Trust incentive: \$650**
- CEU: 0.7

#### **Control Sequence Fundamentals**

Provides a comprehensive study of HVAC control sequences

- Course duration: 19hrs 16mins
- SBA course fee: \$1,250
- **Energy Trust incentive: \$1,250**
- CEU: 1.9

\*The listed SBA course fee reflects the discounted course cost.

### ELIGIBILITY

- Employer organization is enrolled in commercial SEM at the time of incentive request
  - Individual completing the course must be a staff member regularly working in a building that is currently enrolled in SEM
- AND**
- Individual has already completed [Building Operator Certification \(BOC\)](#) Level 1 training
- OR**
- Individual has three or more years of experience working in building operations and maintenance of a commercial or institutional facility

### INCENTIVE REQUIREMENTS

- Complete the BAS Training Course [intake form](#). The intake form should be submitted by the individual taking the course
- Complete the selected training course and pass the final course exam
- Complete one of the five eligible BAS activities included in the Eligible Activities worksheet provided by your energy coach:
  1. Supply fan trend
  2. Morning warm-up trend
  3. Night Low Limit (NLL) operation trend
  4. Calculate percent outside air
  5. Identify hot water valve leak-by
- Submit all required documents to your energy coach by the incentive form due date to receive reimbursement. The following documentation will be required:
  - o Certificate of completion (provided by SBA)
  - o Documentation showing completion of one eligible BAS activity
  - o Energy Trust Form 104SEM-BAS
- Complete a [post-training survey](#) to provide Energy Trust with feedback on your experience



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