

Center for Energy and Environment, Metro Area



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Organization

The Energy Intelligence program at the Center for Energy and Environment (CEE) works with small industrial businesses to help them understand how they use energy and how to reduce their energy consumption through energy efficiency.

Intern Project

Researched, quantified and recommended energy efficiency changes at agricultural, automotive, medical device and labeling industrial sites, then motivated these changes through communication with facilities managers at each site.

Incentives to Change

Each site had various reasons for pursuing energy efficiency changes. Companies had goals of becoming carbon neutral, meeting internal energy efficiency standards, or simply understanding where their energy use at the facility is going.



Solutions

Implement LED lighting changes
at each facility to save 315,000 kWh
and \$23,000 annually.

Fix located compressed air leaks
at each facility to save 176,000 kWh
and \$11,400 annually.

**Implement vacuum blower waste
disposal system**
to save 124,000 kWh and
\$12,200 annually.

**Implement ERV system on
mushroom grow rooms**
to save 32,400 kWh and
\$2,400 annually

