Strategic Energy Management for Agriculture

Engaging agricultural customers in Strategic Energy Management (SEM) programs can be challenging yet very rewarding. Agricultural participants achieve high levels of satisfaction – plus energy and demand savings – by participating in utility-led SEM programs.

Unique challenges, creative solutions
All industries face obstacles when changing the way they use energy, but agricultural enterprises can be especially risk averse due to a variety of unique variables. For instance, they must minimize pests and pathogens while balancing inputs like fertilizer and water, in addition to meeting rigorous food safety standards and consumer demands. Navigating around these factors, while producing a consistently high-quality product, is challenging to say the least.

With our SEM participants, we take a multi-pronged approach that enables agricultural customers to meet their energy-saving goals and generate satisfied customers. What's more, our solution stands apart by combining a low- and no-cost, common-sense approaches to saving energy with in-house agricultural expertise and support for instituting changes.

Programs we support

- **Mushroom Farm**
  - 750,000 s.f.
  - Growing operation in an electric utility cohort
  - 49 total energy-saving opportunities
  - 14 “quick strike” actions: easy, immediate steps to improve energy efficiency
  - 6.5% Year 1 Savings
  - 10% Year 2 savings
  - 5 systems
    - Compressed air system
    - Boiler plant
    - HVAC
    - Lighting
    - Refrigerated warehouse

- **Cut Flower Greenhouse**
  - 12-acre
  - Facility combined electric/gas program
  - 67 total energy-saving opportunities
  - 15 “quick strike” actions: easy, immediate steps to improve energy efficiency
  - 15% Year 2 electricity savings
  - 7% Year 2 gas savings
  - $100,000 Year 1 electricity cost savings

- **Mid-size Winery**
  - 9-member energy team
  - 62 total energy-saving opportunities
  - 15 “quick strike” actions: easy, immediate steps to improve energy efficiency
  - 5% Year 1 electricity savings

- **3rd year**
  - of renewed participation due to success of SEM

We change the way people use energy, for Agriculture

Contact: info@clearesult.com // CLEAResult.com

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Utilities no longer need to struggle to reach their geographically dispersed and operationally diverse agricultural customers. SEM provides an ideal way for utilities to engage this unique sector because it offers:

**Technical support**
We provide the engineering technical support and staff to support facilities in maintaining and operating equipment at peak performance. You can leverage our technical resources to make your program dollars go further.

**Dedicated time to make improvements**
We help facilities assemble a team committed to making improvements, and provide the support needed to guide projects through completion.

**Enhanced control and performance**
We provide improved biological system control in agriculture environments of all types and sizes, while continuously seeking enhancements.

**Continuous improvement plan**
We generate a long-term plan to help get facilities on track toward continuous improvement. Tracking success offers encouragement and motivation while our energy coaches keep the sites accountable.

**The cohort approach**
We organize meetings between peer groups made up of different organizations to empower facilities to share ideas, participate in technical workshops, celebrate accomplishments and promote friendly competition in the name of progress.

**Focus on low-cost / no-cost**
Our SEM programs focus on quick wins to help you focus on turning a profit.

**Financial incentives**
Our SEM programs go further to identify incentives missed by conventional programs—this is where most saving opportunities lie for agricultural operations.

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**Contact us to engage your agricultural customers and help them reach their energy-saving goals.**

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