

# CEA ENERGY REBATES

CEA Energy Audit Support  
9/23/2022

## Overview

Desert Aire's integrated HVACD system for controlled environmental agriculture is an innovative system that independently controls temperature and humidity. By its design, it has optimized its use of energy through compressor staging and fan modulation. Therefore, any grower who is seeking a utility rebate must apply to the utility as a custom rebate rather than a prescriptive rebate like portable dehumidifiers.

The custom rebate will return a higher energy credit to the grower. Since every state/utility has a different rebate program, an estimate of the rebate cannot be provided. For example, Maryland offers \$0.28 per kWh saved annually, but Washington DC only rebates \$0.035 per kWh.

Since most utilities do not have the expertise in house to evaluate a custom energy rebate, they use outside engineers who specialize in this analysis. Desert Aire has partnered with several of these engineers and have their permission to share their services with growers around USA.

Most engineering fees are most commonly based upon a percentage of the rebate amounts received. The percentage depends upon the overall value estimated compared to the level of effort needed in analysis. A percentage is to set up in a win-win scenario. The higher the rebate obtained for the client, the more the engineering firm makes.

Please contact Desert Aire if you would like an introduction to any of the firms below.

Spectrum Energy  
9505 Berger Road  
Columbia, MD 21046

States Registered: All States

Contact: Tom Polansky  
Senior Energy Engineer  
Mobile: 443-936-7209  
TPolansky@spectrumenergyllc.com

Spectrum has worked on numerous rebate projects. In addition, to estimating the entire facilities electrical consumption, they can also assist in the facility receiving a CARES Act tax benefit for installation of energy efficient HVAC upgrades. In addition, Spectrum Energy can assist in the 179D Tax Deduction Credit Process.

Energy Resources Integration  
560 Pine St. Floor 3  
San Francisco, CA 94108

States Registered: California and New England

Contact: Brady Nemeth  
brady@eripacific.com  
Office: 415-500-2654

ERI specializes in providing utility demand side management (DSM) support and designing and implementing cost-effective energy efficiency programs. They have extensive work in California on CEA rebate programs with several utilities and recently opened an office in Vermont for the New England and New York region.

**Optimizing Solutions Through Superior Dehumidification Technology**

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