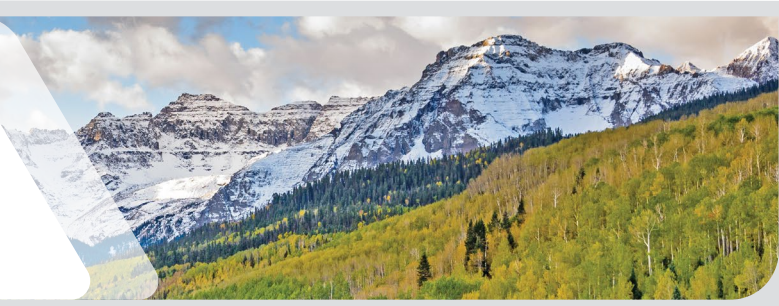




**COLORADO**  
Energy Office



# Colorado Energy Office (CEO) Agricultural Energy Efficiency (AgEE) Program

## Program Application

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Application Overview	

The purpose of the CEO AgEE Program (“Program”) is a coordinated approach to energy efficiency improvements in Colorado’s agricultural sector. Participants in the Program will receive a free energy audit, preliminary renewable energy assessment, technical support and implementation support. Participants are strongly encouraged to pursue implementation. Implementation of energy efficiency improvements is voluntary and is not required to sign up for the audit and technical support.

Please note that this Program is not intended for hobby farms. A typical dairy, crop farm, or greenhouse will have a monthly electric or heating bill of about \$400 or more. Eligible participants will accrue \$4,800+ in on-farm energy costs annually, **not including** transportation energy expenses.

If accepted into the Program, participants must agree to provide the following:

- Electricity bills (use and cost) for each building/system in the audit for the most recent 24 - 36 months (this information can be provided directly by your energy provider)
  - Information should include electrical demand (kW) and demand cost (if applicable), energy use (kWh) and cost, and total cost
- Natural gas bills (use and cost) for each building in the Program for the most recent 24 - 36 months (this information may be provided directly by your energy provider or may require some effort to gather past bills)
  - Information should include fuel use and total cost
- Liquid propane (LP), Diesel, and Gasoline purchase records for 24 - 36 months.
- Aerial photo of farm (if available)
- Floor plan/landscape plan for each building/irrigation system included in the Program (if available)
- For hemp producers, proof of registration with CDA is required. Registration must match field to be audited coordinates and be kept on file.

## General Information

Farm Name (as shown on W9):	
Contact Name:	
Facility Address (include city and zip):	
Mailing Address (include city and zip):	
Phone:	
Email:	

How did you hear about the Program?

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Estimated annual energy expenditures for the dairy, irrigation system(s), or greenhouse that are proposed for participation in the Program:

Natural Gas:		Natural Gas Provider:	
Electricity:		Electricity Provider:	
Propane:		Propane Supplier:	

Diesel:			
Gasoline:			
Other:		Utility Provider:	

What are you interested in improving at the farm? Any specific projects you are looking to do?

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What have you recently upgraded at the farm?

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Do you have any energy reduction goals? If so, what are they?

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Do you currently grow Marijuana (Cannabis Sativa which exceeds .3% THC) at your operation? ☐ Y ☐ N

**\*\*Please note, Marijuana ( $\geq .3\%$  THC) producers are not eligible for this program\*\***

Do you release your audit information to your utility/ co-op and NRCS? ☐ Y ☐ N

Please provide answers for **each** of the buildings or irrigation systems proposed for participation in the Program:

## Dairy

Total Number of Cows:	
Number of Milking Cows:	

## Milking Parlor

Style:	
Number of Units:	
Year Built:	

## Barns

Number of Barns:	
Year Built:	

## Other Buildings

Number of Other Buildings:	
Approximate Square Footage:	
Uses:	

## Irrigation

### Irrigation System #1

Name Of System:	
Year Constructed:	
Horsepower Of Irrigation/Well Pump(s):	
Irrigated Crops:	
Acres Irrigated By This System:	

Is this pump used for multiple irrigated systems? ☐ Y ☐ N

Is there a Variable Frequency Drive (VFD) on the pump? ☐ Y ☐ N

Do you have to throttle or choke the pump during the irrigation season? ☐ Y ☐ N

Type of system (center pivot, lateral move, drip microspray, etc.). If yes, please describe typical operation

Do you utilize irrigation water management practices? If yes, please describe (e.g. moisture sensors weather station, etc.)

#### Irrigation System #2

Name Of System:	
Year Constructed:	
Horsepower Of Irrigation/Well Pump(s):	
Irrigated Crops:	
Acres Irrigated By This System:	

Is this pump used for multiple irrigated systems? ☐ Y ☐ N

Is there a VFD on the pump? ☐ Y ☐ N

Do you have to throttle or choke the pump during the irrigation season? ☐ Y ☐ N

Type of system (center pivot, lateral move, drip microspray, etc.) please describe typical operation

Do you utilize irrigation water management practices? If yes describe (e.g. moisture sensors weather station, etc.)

#### Irrigation System #3

Name Of System:	
Year Constructed:	
Horsepower Of Irrigation/Well Pump(s):	
Irrigated Crops:	
Acres Irrigated By This System:	

Is this pump used for multiple irrigated systems? ☐ Y ☐ N

Is there a VFD on the pump? ☐ Y ☐ N

Do you have to throttle or choke the pump during the irrigation season? ☐ Y ☐ N

Type of system (center pivot, lateral move, drip microspray, etc.) please describe typical operation

Do you utilize irrigation water management practices? If yes describe (e.g. moisture sensors weather station, etc.)

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#### Irrigation System #4

Name Of System:	
Year Constructed:	
Horsepower Of Irrigation/Well Pump(s):	
Irrigated Crops:	
Acres Irrigated By This System:	

Is this pump used for multiple irrigated systems? ☐ Y ☐ N

Is there a VFD on the pump? ☐ Y ☐ N

Do you have to throttle or choke the pump during the irrigation season? ☐ Y ☐ N

Type of system (center pivot, lateral move, drip microspray, etc.) please describe typical operation

--

Do you utilize irrigation water management practices? If yes describe (e.g. moisture sensors weather station, etc.)

--

#### Irrigation System #5

Name Of System:	
Year Constructed:	
Horsepower Of Irrigation/Well Pump(s):	
Irrigated Crops:	
Acres Irrigated By This System:	

Is this pump used for multiple irrigated systems? ☐ Y ☐ N

Is there a VFD on the pump? ☐ Y ☐ N

Do you have to throttle or choke the pump during the irrigation season? ☐ Y ☐ N

Type of system (center pivot, lateral move, drip microspray, etc.) please describe typical operation

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Do you utilize irrigation water management practices? If yes describe (e.g. moisture sensors weather station, etc.)

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## Greenhouses

Crops Grown:	
Seasonal or Year Round Operation:	
Number of Greenhouses:	
Approximate Greenhouse Square Footage:	
Age of Buildings:	
Average Winter Greenhouse Temperature:	

## Other Buildings

Number of Other Buildings:	
Approximate Square Footage:	
Uses:	

## Hemp

Must show proof of registration with CDA. Registration must match field coordinates to be audited and kept on file.

Has the site to be audited been tested for THC level compliance this growing season? ☐ Y ☐ N

If “yes”, can you provide documentation that the result was <0.3% THC content? ☐ Y ☐ N

Anticipated Harvest Date:	
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**\*\*Note: if application is received within 30 days of scheduled harvest, the audit shall be performed post-harvest.\*\***

## Signature

Name (please print)	Signature	Date

## Submit

Complete interactive PDF and use the submit button below:

— or —

Print, complete, sign, scan, and email as a PDF to:  
**CEO\_AG\_EE@nexant.com**

— or —

Mail to:  
Colorado Energy Office  
Attention: Wil Mannes  
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Denver, CO 80202