

228 Agricultural Energy Assessment Conservation Evaluation and Monitoring Activity (CEMA)

Practice Code	Scenario	Unit Type	Payment Rate	Max Payment Cap	Max HU Cap	Livestock Practice
228	Small, One Enterprise	NO	\$2,005.10			Y
228	Medium, One Enterprise	NO	\$2,704.25			Y
228	Large, One Enterprise	NO	\$3,571.05			Y
228	Small, Two Enterprise	NO	\$3,209.39			Y
228	Medium, Two Enterprise	NO	\$3,908.53			Y
228	Large, Two Enterprise	NO	\$4,775.33			Y
228	Small, Three Enterprise	NO	\$4,413.68			Y
228	Medium, Three Enterprise	NO	\$5,112.82			Y
228	Large, Three Enterprise	NO	\$5,979.62			Y
228	Small, Four or more Enterprises	NO	\$5,617.96			Y
228	Medium, Four or more Enterprises	NO	\$6,317.11			Y
228	Large, Four or more Enterprises	NO	\$7,183.91			Y

Practice Scenario applicable to ranking pools: National On-Farm Energy Initiative

Planning Requirements:

- An agricultural energy assessment plan (AgE-CEMA) is a detailed documentation of energy-consuming components and practices of the current operation, the previous year’s on-farm energy consumption and the strategy by which the producer will explore and address their on-farm energy conservation concerns, objectives, and opportunities.
- The scenario size is determined by the largest enterprise in the operation and as defined below:

Small	Medium	Large
< 300 Acres	301 – 2,500 Acres	> 2,500 Acres
< 300 Animal Units	301 – 1,000 Animal Units	> 1,000 Animal Units
Up to 2 Irrigation pumps	3 - 6 Irrigation Pumps	> 6 Irrigation pumps
< 20,000 sq ft heated greenhouse or maple syrup processing enterprise	20,001 to 40,000 sq ft heated greenhouse	> 40,000 sq ft heated greenhouse

Examples:

- A 750 head dairy (Medium) = one enterprise (dairy) and payment would be for 750 AU.
- A 750 head dairy w/1000 acres of cropland = two enterprises (dairy and field crops). The 1000 acres would be used to size the operation (Medium).
- A 750 head dairy w/ 5000 acre cropped field = two enterprises (dairy and field corps) and the acres pushes this site to the largest size.
- A 4-house poultry farm (25,000 broilers per house, average weight of 4 lbs., would be 400 AU) with no cropland there is only one enterprise and 300-2500 AU.
- Enterprises (as defined by ASABE S612 Energy Audit Standard) are: Aquaculture, Beef/Veal, Dairy, Field Crops, Fruit/Vegetables, Nursery/Greenhouse, Poultry, Swine.
- Use only one scenario for the contract item (CIN). Select the scenario that represents the most components to evaluate. The scenario will represent all aspects of the operation to be evaluated. If any of the enterprises are livestock related, a livestock type must be recorded in ProTracts.
- If a previous ON-farm Energy Audit has already been completed on an operation it may still be valid depending on several factors. Contact State Energy contact Scott Wagner (scott.wagner@usda.gov) at the state office to review adequacy.

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Implementation Requirements:

- Practice Lifespan: 1 year

Documentation for Payment:

- Copy of completed plan that meets national CEMA 228 deliverables
- Submit to state energy contact, Scott Wagner (scott.wagner@usda.gov) and Area Engineer for review