

Natural Resources Conservation Service

Application Ranking Summary

FY16 On-Farm Energy

<b>Program:</b>	<b>Ranking Date:</b>	<b>Application Number:</b>
<b>Ranking Tool:</b> FY16 On-Farm Energy	<b>Applicant:</b>	
<b>Final Ranking Score:</b>	<b>Address:</b>	
<b>Planner:</b>	<b>Telephone:</b>	
<b>Farm Location:</b>		

National Priorities Addressed

Issue Questions	Responses
If the application is for development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering “Yes” to the following question. Answering “Yes” to question 1a will result in the application being awarded the maximum amount of points that can be earned for the national priority category.	
1. a. Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is “Yes”, do not answer any other national level questions. If answer is “No”, proceed with evaluation to address the remaining questions in this section.	Yes <input type="radio"/> or No <input type="radio"/>
<b>Water Quality Degradation – Will the proposed project improve water quality by: (select all that apply)</b>	
2. a. Implementing the practices in a Comprehensive Nutrient Management Plan (CNMP)?	Yes <input type="radio"/> or No <input type="radio"/>
2. b. Implementing the practices in a Nutrient Management Plan (NMP)?	Yes <input type="radio"/> or No <input type="radio"/>
2. c. Reducing impacts from sediment, nutrients, salinity, or pesticides on land adjoining a designated “impaired water body” (TMDL, 303d listed waterbody, or other State designation)?	Yes <input type="radio"/> or No <input type="radio"/>
2. d. Reducing the impacts from sediment, nutrients, salinity, or pesticides in a “non-impaired water body”?	Yes <input type="radio"/> or No <input type="radio"/>
2. e. Implementing practices that improve water quality through animal mortality and carcass management?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Water Conservation – Will the proposed project conserve water by: (select all that apply)</b>	
3. a. Implementing irrigation practices that reduce aquifer overdraft.	Yes <input type="radio"/> or No <input type="radio"/>
3. b. Implementing irrigation practices that reduce on-farm water use?	Yes <input type="radio"/> or No <input type="radio"/>
3. c. Implementing practices in an area where the applicant participates in a geographically established or watershed-wide project?	Yes <input type="radio"/> or No <input type="radio"/>
3. d. Implementing practices that reduce on-farm water use as a result of changing to crops with lower water consumptive use, the rotation of crops, or the modification of cultural operations?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Air Quality - Will the proposed project improve air quality by: (select all that apply)</b>	
4. a. Meeting on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	Yes <input type="radio"/> or No <input type="radio"/>
4. b. Implementing practices that reduce on-farm emissions of particulate matter (PM2.5, PM10)?	Yes <input type="radio"/> or No <input type="radio"/>
4. c. Implementing practices that reduce on-farm generated greenhouse gases such as carbon dioxide (CO2), methane (CH4), and nitrous oxide (N2O)?	Yes <input type="radio"/> or No <input type="radio"/>
4. d. Implementing practices that increase on-farm carbon sequestration?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Soil Health:– Will the proposed project improve soil health by: (select all that apply)</b>	
5. a. Reduce erosion to tolerable limits (Soil “T”)?	Yes <input type="radio"/> or No <input type="radio"/>
5. b. Increasing organic matter and carbon content, and improving soil tilth and structure?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Wildlife Habitat – Will the proposed project improve wildlife habitat by: (select all that apply)</b>	
6. a. Implementing practices benefitting threatened and endangered, at-risk, candidate, or species of concern.	Yes <input type="radio"/> or No <input type="radio"/>
6. b. Implementing practices that retain wildlife and plant habitat on land exiting the Conservation	Yes <input type="radio"/> or No <input type="radio"/>

Reserve Program (CRP) or other set-aside program?	
6. c. Implementing practices benefitting honey bee populations or other pollinators?	Yes <input type="radio"/> or No <input type="radio"/>
6. d. Implementing land-based practices that improve habitat for aquatic wildlife?	Yes <input type="radio"/> or No <input type="radio"/>
Plant and Animal Communities: Will the proposed project improve plant and animal communities by: (select all that apply)	
7. a. Implementing practices that result in the management control of noxious or invasive plant species on non-cropland?	Yes <input type="radio"/> or No <input type="radio"/>
7. b. Implementing practice in an Integrated Pest Management Plan (IPM)?	Yes <input type="radio"/> or No <input type="radio"/>
Energy Conservation– Will the proposed project reduce energy use by: (select all that apply)	
8. a. Reducing on-farm energy consumption?	Yes <input type="radio"/> or No <input type="radio"/>
8. b. Implementing practice(s) identified in an approved AgEMP or energy audit, which meet ASABE S612 criteria?	Yes <input type="radio"/> or No <input type="radio"/>
Business Lines – Will the practices to be scheduled in the “EQIP Plan of Operations” result in:	
9. a. Enhancement of existing conservation practice(s) or conservation systems already in place at the time the application is received?	Yes <input type="radio"/> or No <input type="radio"/>

### State Issues Addressed

Issue Questions	Responses
If the application is for the development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering “Yes” to the following question. Answering “Yes” to question 1a will result in the application being awarded the maximum amount of points that can be earned for the State-level questions.	
1. a Is the program application for development of a Conservation Activity Plan (CAP) for a TSP prepared Agricultural Energy Management Plan (128)? If answer is “Yes,” do not answer any other State-level questions. If answer is “No,” proceed with evaluation to address the remaining questions in this section.	Yes <input type="radio"/> or No <input type="radio"/>
With regard to applications containing energy efficiency practices (answer one of the following):	
2. a The application contains two or more core practices.	Yes <input type="radio"/> or No <input type="radio"/>
2. b The application contains at least one core practice and additional supporting practices.	Yes <input type="radio"/> or No <input type="radio"/>
2. c The application contains only supporting practices.	Yes <input type="radio"/> or No <input type="radio"/>
Water Conservation – Will the proposed project conserve water by (select all that apply):	
3. a Implementing irrigation practices that reduce energy and reduce aquifer overdraft?	Yes <input type="radio"/> or No <input type="radio"/>
3. b Implementing practices that recycle or reuse water?	Yes <input type="radio"/> or No <input type="radio"/>
Air Quality - Does the application contain projects that improve air quality by (answer one of the following):	
4. a Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by 100,000 pounds or more?	Yes <input type="radio"/> or No <input type="radio"/>
4. b Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by at least 75,000 pounds but less than 100,000 pounds?	Yes <input type="radio"/> or No <input type="radio"/>
4. c Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by at least 50,000 pounds but less than 75,000 pounds?	Yes <input type="radio"/> or No <input type="radio"/>
4. d Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by at least 25,000 pounds but less than 50,000 pounds?	Yes <input type="radio"/> or No <input type="radio"/>
4. e Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by at least 10,000 pounds but less than 25,000 pounds?	Yes <input type="radio"/> or No <input type="radio"/>
4. f Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by less than 10,000 pounds?	Yes <input type="radio"/> or No <input type="radio"/>
Use the “Energy Cost Efficiency Worksheet” to calculate the estimated energy cost efficiency value for the conservation practices in the EQIP Plan/Schedule of Operations. Answer one of the following questions:	
5. a Is the estimated energy cost efficiency 50 percent or more?	Yes <input type="radio"/> or No <input type="radio"/>
5. b Is the estimated energy cost efficiency between 30 and 50 percent?	Yes <input type="radio"/> or No <input type="radio"/>

5. c Is the estimated energy cost efficiency less than 30 percent?	Yes <input type="radio"/> or No <input type="radio"/>
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**Local Issues Addressed**

Issue Questions	Responses
<b>CAFO Operations</b>	
1. Is participant an owner and/or operator of an existing CAFO operation needing to improve operations in order to meet regulatory requirements?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Integrator Requirements</b>	
2. Are Energy Conserving Retrofits required by the Integrator within the next 24 months?	Yes <input type="radio"/> or No <input type="radio"/>
<b>First Time Participant</b>	
3. Is this the applicant's first time to apply for EQIP assistance? (Do not answer yes if applicant's application has been deferred or if applicant or any member of the entity has had an EQIP contract in the last two years.)	Yes <input type="radio"/> or No <input type="radio"/>
<b>Energy Conserving Enhancements</b>	
4. Is the applicant planning to apply Energy Conserving Enhancements within the next two years?	Yes <input type="radio"/> or No <input type="radio"/>
Has applicant upgraded existing equipment in the last six to ten years to implement a more efficient:	
5. a. lighting system for CAFO operation?	Yes <input type="radio"/> or No <input type="radio"/>
5. b. watering system for CAFO operation?	Yes <input type="radio"/> or No <input type="radio"/>
5. c. mechanical system for CAFO operation?	Yes <input type="radio"/> or No <input type="radio"/>
Has applicant upgraded existing equipment in the last five years to implement a more efficient:	
6. a. lighting system for CAFO operation?	Yes <input type="radio"/> or No <input type="radio"/>
6. b/ watering system for CAFO operation?	Yes <input type="radio"/> or No <input type="radio"/>
6. c. mechanical system for CAFO operation?	Yes <input type="radio"/> or No <input type="radio"/>
Will energy improvements outlined in energy audit result in:	
7. a. 5-25 % energy savings?	Yes <input type="radio"/> or No <input type="radio"/>
7. b. 26-40% energy savings?	Yes <input type="radio"/> or No <input type="radio"/>
7. c. more than 40% energy savings?	Yes <input type="radio"/> or No <input type="radio"/>

**Land Use:**

Resource Concerns	Practices
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**Ranking Score**

Efficiency:
Local Issues:
State Issues:
National Issues:
<b>Final Ranking Score:</b>

This ranking report is for your information. It does not in any way guarantee funding. When funding becomes available, you will be notified if your application is selected for funding. Some changes to the application may be required before a final contract is awarded.

Notes:

<b>NRCS Representative:</b>	<b>Applicant Signature Not Required on this report for Contract Development unless required by State policy:</b>
<b>Signature Date:</b>	<b>Signature Date:</b>