

Natural Resources Conservation Service

Application Ranking Summary

FY14 On-Farm Energy

Program:	Ranking Date:	Application Number:
Ranking Tool: FY14 On-Farm Energy		Applicant:
Final Ranking Score:		Address:
Planner:	Telephone:	
Farm Location:		

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"/>
Clean and Abundant Water: Water Quality - Will the proposed project assist the producer to:	
2. a. Meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures?	Yes <input type="radio"/> or No <input type="radio"/>
2. b. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated "impaired water body" (TMDL, 303d, etc.)?	Yes <input type="radio"/> or No <input type="radio"/>
2. c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a "non-impaired water body"?	Yes <input type="radio"/> or No <input type="radio"/>
Clean and Abundant Water: Water Conservation - Will the proposed project assist the producer implement conservation practices which:	
3. a. Decrease aquifer overdraft?	Yes <input type="radio"/> or No <input type="radio"/>
3. b. Conserve water from irrigation system improvements and saved water will be available for other beneficial uses?	Yes <input type="radio"/> or No <input type="radio"/>
3. c. Conserve water in an area where the applicant participates in a geographically established or watershed-wide project?	Yes <input type="radio"/> or No <input type="radio"/>
Clean Air: Treatment of air quality from agricultural sources - Will the proposed project assist the producer to implement practice(s) which:	
4. a. Meet 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. Reduce on-farm generated green house gases such as CO2 (Carbon Dioxide), CH4 (Methane), and N2O (Nitrous Oxide)?	Yes <input type="radio"/> or No <input type="radio"/>
4. c. Increase on-farm carbon sequestration?	Yes <input type="radio"/> or No <input type="radio"/>
Soil Health: Will the proposed project assist the producer to implement practice(s) which:	
5. a. Reduce erosion to tolerable limits (Soil "T")?	Yes <input type="radio"/> or No <input type="radio"/>
5. b. Improve soil tilth, organic matter, structure, health, etc.?	Yes <input type="radio"/> or No <input type="radio"/>
Healthy Plant and Animal Communities Wildlife Habitat Conservation - Will the proposed project assist the producer to implement practice(s) which:	
6. a. Benefit on-farm habitat associated with threatened and endangered, at-risk, candidate, or species of concern as identified in a State wildlife plan?	Yes <input type="radio"/> or No <input type="radio"/>
6. b. Help retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP)?	Yes <input type="radio"/> or No <input type="radio"/>
High Quality, Productive Soils, Healthy Plant and Animal Communities: Will the proposed project assist the producer implement practices which:	

7. a. Help manage or control noxious or invasive plant species on non-cropland?	Yes <input type="radio"/> or No <input type="radio"/>
7. b. Increase, or improve habitat to benefit pollinator or other targeted wildlife species?	Yes <input type="radio"/> or No <input type="radio"/>
7. c. Properly dispose of livestock carcasses?	Yes <input type="radio"/> or No <input type="radio"/>
7. d. Are identified in an Integrated Pest Management plan?	Yes <input type="radio"/> or No <input type="radio"/>
7. e. Are identified in a Nutrient Management plan?	Yes <input type="radio"/> or No <input type="radio"/>
7. f. Apply principles of adaptive nutrient management?	Yes <input type="radio"/> or No <input type="radio"/>
Energy Conservation - Will the proposed project assist the producer to implement practices which:	
8. a. Reduce energy consumption on the agricultural operation?	Yes <input type="radio"/> or No <input type="radio"/>
8. b. Increase on-farm energy efficiency with practices and improvements identified in an approved energy audit equivalent to criteria required in Ag EMP?	Yes <input type="radio"/> or No <input type="radio"/>
8. c. Assist in implementing energy conservation measures that also reduce greenhouse gas emissions and other air pollutants?	Yes <input type="radio"/> or No <input type="radio"/>
Business Lines - Conservation Implementation Additional Ranking Considerations - Will the proposed project result in:	
9. a. Implementation of all conservation practices scheduled in the contract on the CPA-1155 within three years of date of obligation?	Yes <input type="radio"/> or No <input type="radio"/>
9. b. Improvement of existing conservation practices or conservation systems already in place at the time the application is accepted?	Yes <input type="radio"/> or No <input type="radio"/>
9. c. Implementation of practice(s) which will complete an existing conservation system or suite of practices?	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 ? 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"/>
Answer the following question regarding the producer's efforts to understand and improve existing energy conservation systems in their farming operation.	
2. a Will the schedule of operation include practices that were recommendations made in an Agricultural Energy Management Plan (AgEMP) or an on-farm energy audit that meets the ASABE S612 Performing On-Farm Energy Audits Comprehensive Type 2 standards, which has been completed or updated in the last four years?	Yes <input type="radio"/> or No <input type="radio"/>
Select all categories of major energy efficiency activities that have been installed within the last four years by the applicant to address inefficient use of energy in their farming operation.	
3. a LIGHTING components (lamps, timers, sensors)	Yes <input type="radio"/> or No <input type="radio"/>
3. b VENTILATION components (fans, control systems, humidity control)	Yes <input type="radio"/> or No <input type="radio"/>
3. c REFRIGERATION components (compressor, evaporator/chiller, motor, insulation)	Yes <input type="radio"/> or No <input type="radio"/>
3. d MILK HARVESTING components (pumps, motors, controllers)	Yes <input type="radio"/> or No <input type="radio"/>
3. e ELECTRONIC CONTROLLER components (master system automation)	Yes <input type="radio"/> or No <input type="radio"/>
3. f OTHER MOTORS, VARIABLE FREQUENCY (SPEED) DRIVES components (compressors)	Yes <input type="radio"/> or No <input type="radio"/>
3. g AIR HEATING/BUILDING ENVIRONMENT components (heater, insulation, recovery)	Yes <input type="radio"/> or No <input type="radio"/>
3. h DRYING components (air flow, handling equipment)	Yes <input type="radio"/> or No <input type="radio"/>
3. i WASTE HANDLING components (collection and dispersal equipment/methods)	Yes <input type="radio"/> or No <input type="radio"/>
3. j AIR COOLING (airflow, control systems, evaporative)	Yes <input type="radio"/> or No <input type="radio"/>
3. k WATER MANAGEMENT components (wells, reservoir, recycled)	Yes <input type="radio"/> or No <input type="radio"/>
3. l IRRIGATION components (motors/engines, pumps)	Yes <input type="radio"/> or No <input type="radio"/>

3. m AGRICULTURAL PRACTICES that use more energy efficient engine driven equipment (i.e., planting, tilling, harvesting, etc.)?	Yes <input type="radio"/> or No <input type="radio"/>
3. n CROP/FEED STORAGE components?	Yes <input type="radio"/> or No <input type="radio"/>
3. o MATERIAL HANDLING (equipment, motors, pumps) components?	Yes <input type="radio"/> or No <input type="radio"/>
If appropriate, answer one of the following questions regarding conservation practices offered in the EQIP On-Farm Energy Initiative:	
4. a Application includes three or more core or supporting conservation practice offered in the Initiative.	Yes <input type="radio"/> or No <input type="radio"/>
4. b Application includes two core or supporting conservation practice offered in the Initiative.	Yes <input type="radio"/> or No <input type="radio"/>
If appropriate, answer one of the following questions for the conservation practices in the applicant's schedule of operation using the value calculated from Energy Cost Efficiency Worksheet.	
5. a Is the Estimated Energy Cost Efficiency more than 50%?	Yes <input type="radio"/> or No <input type="radio"/>
5. b Is the Estimated Energy Cost Efficiency more than 30% but less than or equal to 50%?	Yes <input type="radio"/> or No <input type="radio"/>
5. c Is the Estimated Energy Cost Efficiency more than 20% but less than or equal to 30%?	Yes <input type="radio"/> or No <input type="radio"/>
5. d Is the Estimated Energy Cost Efficiency less than or equal to 20%?	Yes <input type="radio"/> or No <input type="radio"/>

Local 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 local level questions.	
1. 1a Is the program application for development of a Conservation Activity Plan (CAP) for a TSP prepared Agricultural Energy Management Plan ? If answer is "Yes", do not answer any other local 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"/>
Other questions	
1. 1. Will this application includes EQIP funds for the implementation of Cover Crop (340) and/or Conservation Crop Rotation (328) with legumes to capture and recycle or re-distribute nutrients in the soil profile?	Yes <input type="radio"/> or No <input type="radio"/>
2. 2. Will this application utilize EQIP funds to implement Irrigation Water Management (449) by controlling the volume, frequency, and application rate of irrigation?	Yes <input type="radio"/> or No <input type="radio"/>
3. 3. Will this application include EQIP funds for the implementation of Residue and Tillage Management (Mulch, No Till/Strip Till/Direct Seed or Ridge Till) to reduce/minimize the number of passes across the field?	Yes <input type="radio"/> or No <input type="radio"/>
4. 4. Will this application utilize EQIP funds to install a Windbreak/Shelterbelt Establishment (380)?	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:
Final Ranking Score:

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:

NRCS Representative:

**Applicant Signature Not Required on this report for
Contract Development unless required by State policy:**

Signature Date:

Signature Date: