Natural Resources Conservation Service

Application Ranking Summary

FY14 On-Farm Energy

This is the FY 2014 Ranking Tool for Standard and Historically Underserved Pacific Islands Area participants addressing On Farm Energy resource concerns on all landuses. This will be used for all 2014 EQIP applications assigned to the National “On Farm Energy” fund code. Priority Pacific Islands Area on farm energy resource concerns along with conservation practices to resolve those concerns will be considered for funding. Field Offices are required to follow all programmatic and technical policies when planning and implementation practices. The following also apply: National Screening Criteria Worksheet must be completed for each eligible EQIP application. National Ranking Questions: 2,5,6 and 7 are to be answered with the selection of ""No"". ""Energy Benefits"" button is to be selected as ""Yes"" and values entered in ProTracts for all contract items implemented as part of NOFEI and based on the recommendations provided as part of a completed on-farm energy audit. These values are obtained through the agency approved worksheet which calculates an energy cost efficiency scores. ""Energy Benefits"" button is to be selected as ""No"" for AgEmp CAP applications.

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 O or No O
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 O or No O
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 O or No O
2. c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a "non-impaired water body"?	Yes O or No O
Clean and Abundant Water: Water Conservation - Will the proposed project assist the producer implement conservation practices which:	
3. a. Decrease aquifer overdraft?	Yes O or No O
3. b. Conserve water from irrigation system improvements and saved water will be available for other beneficial uses?	Yes O or No O
3. c. Conserve water in an area where the applicant participates in a geographically established or watershed-wide project?	Yes O or No O
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 O or No O
4. b. Reduce on-farm generated green house gases such as CO2 (Carbon Dioxide), CH4 (Methane), and N2O (Nitrous Oxide)?	Yes O or No O
4. c. Increase on-farm carbon sequestration?	Yes O or No O
Soil Health: Will the proposed project assist the producer to implement practice(s) which:	
5. a. Reduce erosion to tolerable limits (Soil "T")?	Yes O or No O
5. b. Improve soil tilth, organic matter, structure, health, etc.?	Yes O or No O
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 O or No O
6. b. Help retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP)?	Yes O or No O
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 O or No O
7. b. Increase, or improve habitat to benefit pollinator or other targeted wildlife species?	Yes O or No O
7. c. Properly dispose of livestock carcasses?	Yes O or No O
7. d. Are identified in an Integrated Pest Management plan?	Yes O or No O
7. e. Are identified in a Nutrient Management plan?	Yes O or No O
7. f. Apply principles of adaptive nutrient management?	Yes O or No O
Energy Conservation - Will the proposed project assist the producer to implement practices which:	
8. a. Reduce energy consumption on the agricultural operation?	Yes O or No O
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 O or No O
8. c. Assist in implementing energy conservation measures that also reduce greenhouse gas emissions and other air pollutants?	Yes O or No O
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 O or No O
9. b. Improvement of existing conservation practices or conservation systems already in place at the time the application is accepted?	Yes O or No O
9. c. Implementation of practice(s) which will complete an existing conservation system or suite of practices?	Yes O or No O

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 O or No O
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 O or No O
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 O or No O
3. b VENTILATION components (fans, control systems, humidity control)	Yes O or No O
3. c REFRIGERATION components (compressor, evaporator/chiller, motor, insulation)	Yes O or No O
3. d MILK HARVESTING components (pumps, motors, controllers)	Yes O or No O
3. e ELECTRONIC CONTROLLER components (master system automation)	Yes O or No O
3. f OTHER MOTORS, VARIABLE FREQUENCY (SPEED) DRIVES components (compressors)	Yes O or No O
3. g AIR HEATING/BUILDING ENVIRONMENT components (heater, insulation, recovery)	Yes O or No O
3. h DRYING components (air flow, handling equipment)	Yes O or No O
3. i WASTE HANDLING components (collection and dispersal equipment/methods)	Yes O or No O
3. j AIR COOLING (airflow, control systems, evaporative)	Yes O or No O
3. k WATER MANAGEMENT components (wells, reservoir, recycled)	Yes O or No O
3. l IRRIGATION components (motors/engines, pumps)	Yes O or No O

3. m AGRICULTURAL PRACTICES that use more energy efficient engine driven equipment (i.e., planting, tilling, harvesting, etc.)?	Yes O or No O
3. n CROP/FEED STORAGE components?	Yes O or No O
3. o MATERIAL HANDLING (equipment, motors, pumps) components?	Yes O or No O
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 O or No O
4. b Application includes two core or supporting conservation practice offered in the Initiative.	Yes O or No O
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 O or No O
5. b Is the Estimated Energy Cost Efficiency more than 30% but less than or equal to 50%?	Yes O or No O
5. c Is the Estimated Energy Cost Efficiency more than 20% but less than or equal to 30%?	Yes O or No O
5. d Is the Estimated Energy Cost Efficiency less than or equal to 20%?	Yes O or No O

Local Issues Addressed

Issue Questions	Responses
1. 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. Is the program application for development of a Conservation Activity Plan (CAP) for a TSP prepared Agricultural Energy Management Plan (122 or 124)?	Yes O or No O

Land Use:

Resource Concerns	Practices

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.