**This form is available electronically.** Form Approved – OMB No. 0560-0082

*(See Page 6 for Privacy Act and Public Burden Statements.)*

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| **BCAP-1 U.S. DEPARTMENT OF AGRICULTURE** Attachment 1  (proposal 15) Commodity Credit Corporation  **Biomass Conversion Facility Overview** | | | | | | | | | | | | | | |
| **Purpose:** This application is used to determine an applicant’s qualified Biomass Conversion Facility Status and provide Biomass Conversion Facility overview information for the BCAP project proposal. | | | | | | | | | | | | | | |
| 1. Name of Biomass Conversion Facility | | | | | | | | | **National Office Use Only** | | | | | |
|  | | | | | | | | | 2A. Facility ID Number | | | | 2B. Date ID Assigned  *(MM-DD-YYYY)* | |
| 3A. Street Address | 3B. City | | | 3C. State | | | 3D. Zip Code | | | 3E. Mailing Address *(Include Zip Code)* | | | | |
|  |  | | |  | | |  | | |  | | | | |
| 4. County of Primary Location | | | 5. State and County Code | | | 6. Telephone Number  (*Include Area Code)* | | | | | 7. Email Address | | | |
|  | | |  | | |  | | | | |  | | | |
| **PART A - Business Overview** | | | | | | | | | | | | | | |
| 8A. Counties of Operation: | | | | | | | | | | | | | | |
| State and County Code | | State and County Code | | | | State and County Code | | | | | | State and County Code | | |
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| 8B. Company Structure *(Check all that apply)*: | | | | | | | | | | | | | | |
| Individual  Indian tribe  Unit of State or local government  Partnership  Corporation  Farm Cooperative  Farmer cooperative organization | | | | | Association of agricultural producers  National laboratory  Institution of higher education   Rural electric cooperative  Public power entity  Consortium of any of the above entities  Other: | | | | | | | | | |
| **8C. North American Industry Classification System *(NAICS)* Code:** | | | | | | | |  | | | | | |  |
|  | | | | | | | | | | | | | | |
| **9. Biomass Conversion Production Status:** | | | | | | | | | | | | | | |
| A. Production  Since  Expected | | | | | | B. Date (MM-DD-YYYY) | | | | | | | | |
| **10. Brief Overview of Facility Business Operations and Biomass Utilization** | | | | | | | | | | | | | | |
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*The U.S. Department of Agriculture (USDA) prohibits discrimination in all of its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, political beliefs, genetic information, reprisal, or because all or part of an individual’s income is derived from any public assistance program.  (Not all prohibited bases apply to all programs.)  Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA’s TARGET Center at (202) 720-2600 (voice and TDD).  To file a complaint of discrimination, write to USDA, Assistant Secretary for Civil Rights, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, S.W., Stop 9410, Washington, DC  20250-9410, or call toll-free at (866) 632-9992 (English) or (800) 877-8339 (TDD) or (866) 377-8642 (English Federal-relay) or (800) 845-6136 (Spanish Federal-relay).  USDA is an equal opportunity provider and employer.***BCAP-1** (proposal 15) Page 2 of 8

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| **11A. List Material Consumed that is potentially eligible for matching payments program (***Check all that apply* ***if participating with matching payments****)*. For more information on types of material that may be eligible, refer to the rule. (Note: the material should be identified as delivered and only if separated from other materials before arriving at the plant – for example, a delivery of bark would only be considered a delivery of bark itself for purposes of this form if the bark had been separated from the tree prior to delivery and gathered and transported separately by the producer of the bark): | | | | | | | | | | | |
| 1. Feed Grains (Non-Title I): | | | | | | | | | | | |
| Sorghum | | Other *(Specify)*: | |  | | | | | |  | |
|  | | | | | | | | | | | |
| 2. Agricultural Commodities (Non-Feed Grain): | | | | | | | | | | | |
| Camelina | | Kenaf | | | Jatropha | | | | | | |
| Forbs | | Legumes | | | Grasses | | | | | | |
| Vines | | Mosses | | | Other *(Specify)*: | | |  | | |  |
| 3. Plants and Trees (Non-Agricultural): | | | | | | | | | | | |
| Forest thinning materials | | Forest slash *(branches and tops)* | | | | Post-disaster debris | | | | | |
| Wood chips | | Bark | | | | Other *(Specify)*: | | |  | |  |
| 4. Crop Residue: | | | | | | | | | | | |
| Husks | | Stover | | | Cobs | | | | | | |
| Straw | | Hulls | | |  | | | | | | |
| Other *(Specify)*: |  | | | |  | | | | | | |
|  | | | | | | | | | | | |
| 5. Vegetative Waste Materials (Non-Crop): | | | | | | | | | | | |
| Roadway Maintenance  Cutting | | Orchard Waste | | | Vineyard Waste | | | | | | |
| Sawdust | | Shavings | | | Other *(Specify)*: | | |  | | |  |
|  | | | | | | | | | | | |
| 11B. Types of Crops for the Project Area. ***(Enter*** *all that apply* ***ONLY if participating with*** *BCAP Project Area)*: | | | | | | | | | | | |
| (1) Feed Grains (Non-Title I) *Please specify crops listed in Project Area Proposal*: | | | | | | | | | | | |
| (a) | | | (b) | | | | (c) | | | | |
| (d) | | | (e) | | | | (f) | | | | |
| (g) | | | (h) | | | | (i) | | | | |
| (2) Agricultural Commodities (Non-Feed Grain): | | | | | | | | | | | |
| (a) | | | (b) | | | | (c) | | | | |
| (d) | | | (e) | | | | (f) | | | | |
| (g) | | | (h) | | | | (i) | | | | |
| (3) Plants and Trees (Non-Agricultural): | | | | | | | | | | | |
| (a) | | | (b) | | | | (c) | | | | |
| (d) | | | (e) | | | | (f) | | | | |
| (g) | | | (h) | | | | (i) | | | | |

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| 11B. Types of Crops for the Project Area. ***(Enter*** *all that apply ONLY* ***if participating with*** *BCAP Project Area) (Continuation)*: | | | | | | | | | |
| (4) Algae: | | | | | | | | | |
| (a) | | | (b) | | | (c) | | | |
| (d) | | | (e) | | | (f) | | | |
| (g) | | | (h) | | | (i) | | | |
| (5) Crop Residue: | | | | | | | | | |
| (a) | | | (b) | | | (c) | | | |
| (d) | | | (e) | | | (f) | | | |
| (g) | | | (h) | | | (i) | | | |
| (6) Vegetative Waste Material (Non-Crop): | | | | | | | | | |
| (a) | | | (b) | | | (c) | | | |
| (d) | | | (e) | | | (f) | | | |
| (g) | | | (h) | | | (i) | | | |
| (7) Animal Waste and Byproducts: | | | | | | | | | |
| (a) | | | (b) | | | (c) | | | |
| (d) | | | (e) | | | (f) | | | |
| (g) | | | (h) | | | (i) | | | |
| (8) Food Waste: | | | | | | | | | |
| (a) | | | (b) | | | (c) | | | |
| (d) | | | (e) | | | (f) | | | |
| (g) | | | (h) | | | (i) | | | |
| (9) Yard Waste: | | | | | | | | | |
| (a) | | | (b) | | | (c) | | | |
| (d) | | | (e) | | | (f) | | | |
| (g) | | | (h) | | | (i) | | | |
| **12. Biomass Conversion Process (***Check all that apply)*: | | | | | | | | | |
| A. Combustion: | | | | | | | | | |
| 1. Direct-Firing | | | | | | | | | |
| Incineration | Combined Fluidized Beds (CFB) | | | Other *(Specify)*: | | |  | |  |
|  | | | | | | | | | |
| 1. Cofiring | | | | | | | | | |
| Natural Gas | | Oil | | |  | | | | |
| Coal | | Other *(Specify)*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | |  | |
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| **12. Biomass Conversion Process *(****Check all that apply) (Continuation):* | | | | | | | | | | |
| B. Non-Combustion: | | | | | | | | | | |
| 1. Biochemical | | | | | | | | | | |
| Transesterfication | | Hydrolysis | | Fermentation | | Other *(Specify)*: | | |  |  |
|  | |  | |  | | | | | | |
| 1. Thermochemical | | | | | | | | | | |
| Gasification | | Pyrolysis | | Torrefaction | | Other *(Specify)*: | | |  |  |
|  | |  | |  | | | | | | |
| 1. Densification | | | | | | | | | | |
| Pelletization | | Dehydration | | Compression | | Other *(Specify)*: | | |  |  |
|  | |  | |  | | | | | | |
| **13. Biomass Conversion Facility Final Product *(****Check all that apply):* | | | | | | | | | | |
| A. Heat: | | | | | | | | | | |
| Steam | | |  | | | |  | | | |
|  | | |  | | | |  | | | |
| B. Power | | | | | | | | | | |
| Electricity | | |  | | | |  | | | |
|  | | | | | | | | | | |
| (1) Does this facility sell or allocate electricity to the grid?  YES  NO | | | | | | | | | | |
| (2) Is this facility a Combined Heat and Power (CHP) facility?  YES  NO | | | | | | | | | | |
| C. Advanced Biofuels | | | | | | | | | | |
| (1) Gas | | |  | |  | | | | | |
| Syngas | | | Hydrogen | | Methane | | | | | |
| Other *(Specify)*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | |
| (2) Liquid | | |  | |  | | | | | |
| Biodiesel | | | Ethanol | | Pyrolysis Oil | | | | | |
| Other *(Specify)*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | |
| (3) Solid | | |  | | | |  | | | |
| Briquette | | | Pellet | | | |  | | | |
| Other *(Specify)*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | |
| Do any of this facility’s Advanced Biofuels meet or will meet Renewable Fuel Standards?  YES  NO | | | | | | | | | | |
| D. Biobased Products *(Please contact State FSA office for assistance)* Description: | | | | | | | | | | |
|  | | | | | | | | | | |
| 14. Annual Production Capacity *(Must enter all fields for each product selected in Item 13)***:** | | | | | | | | | | |
| **A. Product** | **B. Unit** | | | | | | | **C. Amount** | | |
| (1) Heat | MBTU/yr | | | | | | |  | | |
| (2) Power | MkWh/yr | | | | | | |  | | |
| (3) Biobased Product | /yr | | | | | | |  | | |
| (4) Advance Biofuel – Gas | kc/yr | | | | | | |  | | |
| MBTU/yr | | | | | | |  | | |

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| 14. Annual Production Capacity *(Must enter all fields for each product selected in Item 13) (Continuation)***:** | | | | | | |
| **A. Product** | | | **B. Unit** | | **C. Amount** | |
| (5) Advance Biofuel – Liquid | | | Gallons/yr | |  | |
| MBTU/yr | |  | |
| (6) Advance Biofuel - Solid | | | Dry Tons/yr | |  | |
| MBTU/yr | |  | |
| **PART B - Facility Description** | | | | | | |
| 15. On-Site Material Storage Capacity (***Please check one of the following)*:** | | | | | | |
| **Amount** | **Unit** | | | | | |
|  | Dry Tons                     Acres | | | | | |
| 16. Off-Site Feedstock(s) and Material Storage Capacity (***Please check one of the following)*:** | | | | | | |
| **Amount** | **Unit** | | | | | |
|  | Dry Tons                     Acres | | | | | |
| **17. Permits & Licenses Obtained** | | | | | | |
| A. U.S. Environmental Protection Agency: | | | | | | |
| (1) License/Permit Number | | | | (2) Expiration Date | | |
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| B. U.S. Department of Justice Bureau of Alcohol, Tobacco, Firearms and Explosives: | | | | | | |
| (1) License/Permit Number | | | | (2) Expiration Date | | |
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| C. Other Federal: | | | | | | |
| (1) License/Permit Number | | | | (2) Expiration Date | | |
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| D. State: | | | | | | |
| (1) License/Permit Number | | (2) Expiration Date | | (1) License/Permit Number | | (2) Expiration Date |
|  | |  | |  | |  |
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| **PART B - Facility Description *(Continuation)*** | | | | | | | | | | |
| E. Local: | | | | | | | | | | |
| (1) License/Permit Number | | | (2) Expiration Date | | (1) License/Permit Number | | | (2) Expiration Date | | |
|  | | |  | |  | | |  | | |
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| **F. ASTM Standard** | | | | | | | | | | |
| **(1) ASTM #** | |  | |  | **(4) ASTM #** | |  | | |  |
| **(2) ASTM #** | |  | |  | **(5) ASTM #** | |  | | |  |
| **(3) ASTM #** | |  | |  | **(6) ASTM #** | |  | | |  |
|  | | | | | | | | | | |
| **18. Have all the necessary permits been obtained for this facility? Please check one of the following** | | | | | | | | | | |
| Yes      No | | | | | | | | | | |
| 19. Please check all that apply and provide copies of applicable documents:   Form AD-1047(1/92), Certification Regarding Debarment, Suspension, and other Responsibility Matters – Primary Covered  Transactions   For ethanol facilities, copies of Alcohol Producers Permit *(ATF F 5110.74)*   For ethanol facilities, copies of Registration of Distilled Spirits Plant *(ATF F5110.41)* and Operating Permit *(ATF F 5110.23)*   Copies of all required Federal, State and local permits attached. | | | | | | | | | | |
| **PART C -** **Certification of Overview Information** | | | | | | | | | | |
| *I certify that I am authorized to represent the Biomass Conversion Facility listed in Item 1.*  *I certify that the information included is true and correct to the best of my knowledge and belief.  I certify that the annual production estimates are realistic estimates and the most accurate that can be made at this date and time.*  *This is not an application for payment. Payment will only be made pursuant to proper authorities and upon proper occurrence of the conditions for payment to the satisfaction of the CCC.*  *I understand that false or improper statements may be actionable under program provisions and that this liability may be in addition to liability which may be incurred under various criminal and civil fraud statutes, including, but not necessarily limited to, 18 U.S.C. 1001 and 15 U.S.C. 714m.*  *My signature and endorsement are as follows:* | | | | | | | | | | |
| 20A. Print Name of Representative | | | | | | 20B. Title | | | | |
|  | | | | | |  | | | | |
| 20C. Signature | | | | | | | | | 20D. Date (MM-DD-YYYY) | |
|  | | | | | | | | |  | |
| **PART D - Primary Contact** | | | | | | | | | | |
| 21A. Name | | | | | | 21B. Street Address *(Including Zip Code)* | | | | |
|  | | | | | |  | | | | |
| 21C. Telephone Number *(Including Area Code)* | | | | | | 21D. Email Address | | | | |
|  | | | | | |  | | | | |
| **NOTE:** | *The following statement is made in accordance with the Privacy Act of 1974 (5 USC 552a - as amended).  The authority for requesting the information identified on this form is 7 CFR Part 1450, the Commodity Credit Corporation Charter Act (15 U.S.C. 714 et seq.), and the Food, Conservation, and Energy Act of 2008 (Pub. L. 110-246).  The information will be used by CCC to determine qualified Biomass Conversion Facility status and to evaluate Biomass Conversion Facility overview information for the Biomass Crop Assistance Program project proposal.  The information collected on this form may be disclosed to other Federal, State, Local government agencies, Tribal agencies, and nongovernmental entities that have been authorized access to the information by statute or regulation and/or as described in applicable Routine Uses identified in the System of Records Notice for USDA/FSA-2, Farm Records File (Automated).  Providing the requested information is voluntary.  However, failure to furnish the requested information will result in an inability on the part of CCC to determine qualified Biomass Conversion Facility status and to evaluate Biomass Conversion Facility overview information for the Biomass Crop Assistance Program project proposal.*  *According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0560-0082. The time required to complete this information collection is estimated to average 120 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. The provisions of appropriate criminal and civil fraud, privacy, and other statutes may be applicable to the information provided.* ***RETURN THIS COMPLETED FORM TO YOUR COUNTY FSA OFFICE****.* | | | | | | | | | |

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**CONTINUATION OF ITEM 11B**

|  |  |  |
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| 11B. Types of Crops for the Project Area. ***(Enter*** *all that apply* ***ONLY if participating with*** *BCAP Project Area)*: | | |
| 1. Feed Grains (Non-Title I) *Please specify crops listed in Project Area Proposal*: | | |
| (a) | (b) | (c) |
| (d) | (e) | (f) |
| 2. Agricultural Commodities (Non-Feed Grain): | | |
| (a) | (b) | (c) |
| (d) | (e) | (f) |
| 3. Plants and Trees (Non-Agricultural): | | |
| (a) | (b) | (c) |
| (d) | (e) | (f) |
| 4. Algae: | | |
| (a) | (b) | (c) |
| (d) | (e) | (f) |
| 5. Crop Residue: | | |
| (a) | (b) | (c) |
| (d) | (e) | (f) |
| 6. Vegetative Waste Material (Non-Crop): | | |
| (a) | (b) | (c) |
| (d) | (e) | (f) |
| 7. Animal Waste and Byproducts: | | |
| (a) | (b) | (c) |
| (d) | (e) | (f) |
| 8. Food Waste: | | |
| (a) | (b) | (c) |
| (d) | (e) | (f) |
| 9. Yard Waste: | | |
| (a) | (b) | (c) |
| (d) | (e) | (f) |

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**CONTINUATION OF ITEM 14**

|  |  |  |
| --- | --- | --- |
| 14. Annual Production Capacity *(Must enter all fields for each product selected in Item 13)***:** | | |
| **A. Product** | **B. Unit** | **C. Amount** |
| (1) Heat | MBTU/yr |  |
| (2) Power | MkWh/yr |  |
| (3) Biobased Product | /yr |  |
| (4) Advance Biofuel – Gas | kc/yr |  |
| MBTU/yr |  |
| (5) Advance Biofuel – Liquid | Gallons/yr |  |
| MBTU/yr |  |
| (6) Advance Biofuel - Solid | Dry Tons/yr |  |
| MBTU/yr |  |