Form Approved Expires 11/30/2024

OMB No. 0570-0067

U.S. DEPARTMENT OF AGRICULTURE

Rural Development – Rural Business-Cooperative Service

RURAL ENERGY FOR AMERICA PROGRAM

APPLICATION FOR RENEWABLE ENERGY SYSTEMS AND ENERGY EFFICIENCY IMPROVEMENT PROJECTS TOTAL PROJECT COSTS OF \$200,000 AND GREATER

	The following statement is made in accordance with the Privacy Act of 1974 (5 USC 552a) and the Paperwork Act of 1995, as amended. The authority for requesting the							
NOTE:	following information is Section 9007 of the Agricultural Act of 2014 (Public Law 113-79). This information may be provided to other agencies, Internal Revenue Service, Department of Justice, or other State and Federal law enforcement agencies, and in response to a court magistrate or administrative tribunal. The provisions of criminal and civil fraud statutes, including 18 USC 286, 287, 371, 641, 1001; 1014, 15 USC 714m; and 31 USC 3729, may be applicable to the information provided.							
	SUBMIT THIS COMPLETED FORM TO THE USDA RURAL DEVELOPMENT OFFICE IN THE STATE IN WHICH THE PROJECT IS LOCATED.							
	Attached to this form are detailed Instructions for each section. Please refer to the Instructions for guidance when completing this form. Use attachments as necessary.							
I. A. A	pplicant Legal Name (Block 8a of 8	SF 424):						
provided required additiona	will not be used when reviewing the applicat for the application to be considered a comple	ion or when dete ete. The informa d to monitor enfo	tion provided will be used to improve the operation procement of laws that require equal access to this	The answers provided are voluntary and are not on of this program, to help USDA design				
**I. B. V	Vhat is Applicant's race (check all	that apply)?	**I. C.What is Applicant's Gender?	I. E. Is Applicant a Veteran?				
	American Indian or Alaska Native		Male	Yes 🗍				
	Asian		Female	No 🗆				
	Black or African American		**I. D. What is Applicant's					
	Native Hawaiian or		Ethnicity?	I. F. Is Applicant a member of a Socially Disadvantaged group?				
	Other Pacific Islander		Hispanic or Latino	Yes 🗆				
	White		Not Hispanic or Latino	No				
II. P	roject Title (Block 15 of SF 424):							
	stration. UEI	M) Registrati	on: Provide a Unique Entity Identifier (U	JEI) Number upon successful SAM				
IV. P	rovide the name(s) for the Executive	e Director and	person(s) who will be accepting or dist	ributing Federal funds.				
V T	rpe of Applicant:							
_		ition of oither	an Agricultural Producer or Pural Small	Rusiness per 7 C E D 4290 103				
l ''.	Applicant must certify to meeting the definition of either an Agricultural Producer or Rural Small Business, per 7 C.F. R. 4280.103.							
A.		•	meeting the definition of, (<i>check one</i>):					
	Agricultural Producer or Rural Small Business							

B. Provide primary North American Industry Classification System (NAICS) code for operation:

NAICS Code:

Corresponding NAICS size limitation:

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 0570-0067. Public reporting for this collection of information is estimated to be approximately 10 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information.

All responses to this collection of information are voluntary. However, in order to obtain or retain a benefit, the information in this form is required. Rural Development has not plans to publish information collected under provisions of this program. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Rural Development Innovation Center, Regulations Management Division at ICRMTRequests@usda.gov.

VI. Applicant Description: Describe the ownership of the applicant, including:						
A. The project's relationship to the applicant's operations. Describe how the proposed project fits into or operates separately from						
the	he applicant's overall business or agricultural production of	operation:				
В	B. Describe how the applicant, at the time of application, award, and through the useful life, owns the project and owns or controls the site for the project:					
C	C. For each entity(ies) the applicant controls or entity(in Describe the relationship between the applicant and management, passive investor ownership and any pavailable:	I the other entity(ies), including percent	of ownership and control,			
D	D. Advise if the applicant is a Tribal entity, describe the	location of the project and whether it wi	ll be located on Tribal Lands.			
VII.	/II. Financial Information: For projects with total project	costs of \$200,000 or more, attach requ	uired financial information for the total			
ope	peration and all entity(ies) it controls or is controlled by. If	f business assets are held personally, p	repare financials using only the assets			
and	and liabilities attributable to the business.					
Α.	A. Historical Financial Statements for the past three yea	rs:				
	Income Statement -Year: Attached:	Balance Sheet – Date:	Attached: □			
	Income Statement -Year: Attached:	Balance Sheet – Date:	Attached: □			
	Income Statement -Year: Attached:	Balance Sheet – Date:	Attached: □			
B.	Current Financial Statements:					
	Income Statement -Year:	Attached:				
	Balance Sheet - Date:	Attached:				
C.	C. Pro Forma Financial Statements (include assumption	_				
	Pro Forma Balance Sheet at Start-up of Operation (i		Date: Attached:			
	Year 1 Pro-Forma Balance Sheet: Date:	, Income Statement:Year:	, Cash Flow: Year: Attached:			
	Year 2 Pro-Forma Balance Sheet: Date:	, Income Statement:Year:	, Cash Flow: Year: Attached:			
	Total 2 F To F office Bullation offices. Butc.	, moone statement rear.	, dair row. roar.			
VIII. Project Information: The REAP Federal grant share is up to a maximum of 25 percent unless the project meets one of the following criteria: a) is located in a designated energy community; b) is proposed by a Tribal entity c) is an energy efficiency improvement project; d) is a renewable energy system or retrofit of a renewable energy system that produces zero greenhouse gas emissions (GHGE) at the project level. Identify the type of energy project to be funded, supported by attached energy assessment or audit, technical report or vendor certification or feasibility study as applicable.						
	A. Energy Efficiency Improvement OR					
	B. Renewable Energy System (Non GHGH) ; with s Please indicate applicable renewable energy technology	•	sting RES (Non-GFGE)			
	Solar: Electric (PV)	: Direct Use	n Wind Ocean Energy			
	Hydroelectric Hydrogen sourced with: Solar	or Wind or Geothermal	OR			
	C. Renewable Energy System (emits GHGE) : with Please indicate applicable renewable energy technology.		isting RES			
	Anaerobic Digester Biogas (including landfill	<i>I gas</i>) ☐ Hydrogen sourced with: Bio				
	Biomass: Biodiesel or Ethanol or Solid Fue	el 🗌 or Thermal Conversion 🔲	OR			
	D. Hybrid (two or more technologies supporting a sing to support a single system:	lle system), select technologies above a	and describe how they work together			

E.	Project Description. Provide a detailed description of the technology and its intending metered, sold, self-use energy), the project location (address), and the specific site Describe utility relationships (interconnection, net metering, power purchase agreed document established rates to be paid for energy being sold or replaced:	of the project at t	the project location.
F.	Project Construction and Equipment Information. Describe how the design, engine to demonstrate that the proposed project will meet its intended purpose, ensure puregulations, agreements, permits, codes and standards. Describe how all equipme procured and delivered within the proposed project development schedule.	blic safety, and c	omply with applicable laws
G.	Commercially Available Equipment. Provide a detailed description of all major equiprocesses related to feedstock conversion, list recognized industry organization whe equipment if applicable:		
Н.	Project Economic Assessment:		
	Project Cost Breakdown:		
	a. Construction Item: (Break down total project costs by providing a list of major equipment, labor costs, fees, and other costs associated with the project. Provide useful life information on major system components. Detailed bids may be attached to support total project costs.):	Useful Life	Cost
			\$
			\$
			\$
			\$
			\$
			\$
			\$
	b. Total Project Costs: (Total Project Costs should be the same as on		Ψ
	Form SF-424C, "Budget Information-Construction Programs.")		\$
	c. Eligible Project Costs: (See Instructions to determine eligible project costs.)		\$
	d. In-Eligible Project Costs: Provide details for any known in-eligible project down payments made prior to date of application or the prorated portion of system costs.		

	Catimate	ad Drainat Francy Congretion or Covings and Cost of Francy	The Agency may request additional	
2.	Estimated Project Energy Generation or Savings and Cost of Energy. The Agency may request additional information to substantiate energy quantity, units and rates if necessary:			
	a. Foi	r Renewable Energy Systems:		
	i.	Annual amount of renewable energy to be generated and unit of energy:	a. Total Estimated Generation:	
		-Attach a renewable energy site assessment, or other documentation to validate the total amount of energy to be generated, including the quality and availability of the renewable resource to the project.	b. Unit: kWh☐ or BTU ☐ or ☐	
	ii.	Documented use (renewable energy sold, metered/credited, or for direct-use), unit of measurement, price per unit, dollar value, and name of utility/offtaker, as applicable.	a. Energy Sold: b. Unit: kWh ☐ or BTU ☐ or ☐	
		-Attach power purchase agreement to document quantity of energy sales and price/unit to be paid for	c. Price/Unit: \$ d. \$ Value (a x c): \$	
		energy.	e. Name of Utility/Offtaker:	
			a. Energy Metered/Credited:	
		- <u>Attach</u> utility net metering, virtual net metering, energy crediting policies or agreements, or letter from utility	b. Unit: kWh or BTU or	
		which shows rate to be paid for excess energy.	d. \$ Value (a x c):\$	
			e. Name of Utility/Offtaker:	
		Direct Use Energy: -Must have at least 12 months of historical energy use	a. Direct Use Energy:	
		to score as replacement. Attach at least 12 months of utility bills to document average historical price paid for direct use replacement energy;	b. Unit: kWh or BTU or c. Price/Unit: \$	
		When calculating the actual average price per unit of energy, only include energy charges directly reduced by the unit of energy being replaced or saved, e.g. do not include monthly service fees, demand or other charges if not directly reduced; or	d. \$ Value (a x c):\$	
		-Attach documentation of conventional energy price for direct use new construction or off-grid applications.		
	iii.	By-product/other revenue quantity, description, unit of measurement, documented fair market price per unit, and dollar value:	a. By-product/other revenue quantity:	
		-Do not include government or utility incentives or renewable energy credits that will not be received	b. Description:	
		annually for the life of the project. -Attach documentation on quantity and price of by-	c. Unit: kWh or BTU or	
		product/other revenue.	e. \$ Value (a x d):\$	
			a. By-product/other revenue quantity:	
			b. Description:	
			c. Unit: kWh or BTU or	
			d. Price/Unit: \$ e. \$Value (a x d): \$	
	iv.	Historical annual average energy used by business,	a. Historical Business Energy Use:	
		unit of measurement, average retail price historically paid per unit, and dollar value:	b. Unit: kWh or BTU or	

	- Attach at least 12 months of utility bills average historical price paid for business e			c. Price/Unit: \$		
	· ·	e flistorical price paid for business en hen calculating the actual average pr	0,7	d. \$ Value (a x c): \$		
		gy, only include energy charges direc		¥ 1 (
		unit of energy being replaced or save				
		ude monthly service fees, demand or	other			
	charges	s if not directly reduced.				
	connec project generat from the	oject will be connected to a shared m ts both the business and a residence will virtually net meter or credit energ ted by the RES project to a residence e project, yet owned by the applicant, t of historical residential energy us	, or if the y to be e off-site provide	a. Historical Residential b. Unit: kWh ☐ or BTU		
	measur	rement:				
		tach annual residential energy use sued list of assumptions.	ımmary with			
	be gene order fo	10% or more of projected renewable e erated must benefit the business ope or the project to be eligible. Eligible pr rated based on historical business en aption.	ration in oject costs			
	A cons	rate meter may also be installed.		A separate meter will be	e installed:	
	л зераі	ate meter may also be installed.			Yes 🗌 or	No 🗌
	vi. Annual	percentage of energy being replaced	d:	a. (ia÷ iv a x 100) =		%
		y replaced exceeds 150 percent of h				
		use, the project will score as an ener tion project.	gy			
renewa		ation Value: Annual dollar value of p ble energy sold and by-products sold gate of F 2 a ii d(s) and F 2 a iii e(s))		\$		
		ment Value: Annual dollar value of h consumption.(F 2 a iv (d))	nistorical	\$		
		oayback. (Total project costs / annua air market value of byproducts.)	l dollar value o	of energy units sold, credit	ted, replaced	or
		a. Simple Payback RES Generation:	\$	÷ \$	=	years
		b. Simple Payback RES Replacemer	nt: \$	÷ \$	=	years
I. Qual	0,	ciency Improvements: Simple paybac			s that will be v	working to
		ect, such as: Energy Auditor, site ass				vorking to
	Project Role:					
	Company Name:					
	Individual's Name:		Title:			
	Address:	<u> </u>				
	City/State/Zip Code:		Phone	= :		
		ner attach a resume or complet	e below):			
	· · · · · · · · · · · · · · · · · · ·	a similar system as proposed:				
	Years of Relevant expe	erience:				
	Professional credential education related to wo	s (include training and/or ork, certificates, etc.):				
	Licenses:					

Project Role:	
Company Name:	
Name:	Title:
Address:	·
City/State/Zip Code:	Phone:
Qualifications (Either attach a resume or c	omplete below):
Number performed on a similar system as proposed	d:
Years of Relevant experience:	
Professional credentials (include training and/or education related to work, certificates, etc.):	
Licenses:	
Project Role:	
Company Name:	
Name:	Title:
Address:	
City/State/Zip Code:	Phone:
Qualifications (Either attach a resume or c	omplete below):
Number performed on a similar system as proposed	d:
Years of Relevant experience:	
Professional credentials (include training and/or education related to work, certificates, etc.):	
Licenses:	
Project Role:	
Company Name:	
Name:	Title:
Address:	
City/State/Zip Code:	Phone:
Qualifications (Either attach a resume or c	omplete below):
Number performed on a similar system as proposed	d:
Years of Relevant experience:	
Professional credentials (include training and/or education related to work, certificates, etc.):	
Licenses:	

Technical Report Attached:

A.	Agr	Agreements and Permits:		
	1.		eements and permits (including any for local zoning requirements) required for the project and securing those agreements and permits:	
В.	Res	source Assessment: (Addition	nal information may be requested by the Agency to determine feasibility.)	
	1.	1. Provide adequate and appropriate data to demonstrate the amount of renewable resource available. For hybrid projects you must address each technology being proposed. Describe the quality, availability and seasonality (if applicable) of the renewable energy resource. The assessment should include if applicable, historical residential energy use documentation, per section (VII)(F)(2)(a)(v):		
	2.	Basis of determination: There are several methods to determine resource potential on the site, describe below as applicable and attach as necessary:		
		Online Estimating Tool:	☐ Yes; List name of Tool: ☐ No	
		Resource References (Wind Roses, Thematic Maps, etc.):	☐ Yes; List Resource Reference: ☐ No	
		Site-Specific Evaluation Devices or Site Surveys:	☐ Yes; List device: ☐ No	
		Photographs of Site:	☐ Yes; Attached to application. ☐ No	
		Other:	Attach documentation if applicable.	
C.	Pro	ject Development:		
	1.		ule. Describe the overall project development method including how free and open ude the key project development activities and the proposed schedule:	
		Development Activity:		
		Proposed start date:	Proposed end date:	
		Development Activity:		
		Proposed start date:	Proposed end date:	
		Development Activity:		
		Proposed start date:	Proposed end date:	
		Development Activity:		
		Proposed start date:	Proposed end date:	

Development Activity:					
,					
Proposed start date:	Proposed end date:				
D. Equipment Procurement and	d Installation:				
Describe the avai	ability of the equipment required by the system, including its produced	curement and delivery schedules:			
2. Describe the plan	for site development and system installation, including any speci	al equipment requirements:			
E. Operations and Maintenanc					
	ations and maintenance requirements of the system, including we sements necessary over system's useful life:	arranties, major rebuilds and			
2. Warranties provide	e protection against both breakdown and degradation of performa	nce: Yes No			
Describe how the system will be monitored for performance:					
F. Feasibility Study:					
1. For renewable energy systems applications, the Agency may require a feasibility study based on the scope of the project to the applicant's overall operations, including new facilities with significant impacts to an existing operation, or when the application information does not provide sufficient documentation and analysis of the project's engineering, technical, financial, or market feasibility, or the economic viability of the project including any feedstock or off-take agreements, that in total can determine the basis for a successful project. The elements of an acceptable feasibility study may vary by project scope. The feasibility study should be prepared by a qualified independent third party. □ Feasibility study for project has been conducted and is attached to support the project.					
X. Energy Efficiency Improvement Projects - Technical Requirements: Prepare technical report in accordance with Appendix A of 7 CFR 4280-B. Attach Energy Audit or Energy Assessment to application. (For Renewable Energy System project, complete Block VIII) EEI Technical Report is attached: Yes No Energy Audit or Energy Assessment attached: Yes No					
A. Existing usage as per the Energy Audit:					
	Energy Used (converting to BTU)	Cost			
Electricity (kWh)	x 3,412btu/kWh=	\$			
Propane/LP (gal)	x 91,502btu/gal=	\$			
Natural Gas (therm)	x 100,000btu/therm=	\$			
Diesel (gal)	x 139,000btu/gal=	\$			
Other	x =	\$ Total Existing Energy Cost:			
	Total BTU Existing:	Total Existing Energy Cost: \$			

D. Draw and (authority day)	following a constation of the constant of the				
B. Proposed (estimated) usage	e following completion of the project as per the Energy Audi Energy Used (converting to BTU)	Cost			
Electricity (kWh)					
Propane/LP (gal)	x 3,412btu/kWh=	\$ \$			
Natural Gas (therm)	x 91,502btu/gal=	\$			
	x 100,000btu/therm=	\$			
Diesel (gal)	x 139,000btu/gal=				
Other	x =	\$ Total Proposed Energy Cost:			
	Total BTU Proposed:	\$			
C. Total Energy Savings: Total BTU Ex	risting – Total BTU Proposed	= Total BTU Savings			
D. Percent Energy Savings: Total BTU	Savings / Total BTUs Existing	= % Savings			
E. Dollar Savings: Total Existing Energ	y Cost - Total Proposed Energy Cost	= Dollars Saved			
F. EEI Simple Payback: (Total project	costs (F1 b) \$ / Annual energy savings va	lue (VIII E.) \$			
		= years			
		years			
XI. Environmental Benefits: Provid	e a detailed narrative or analysis where applicable to suppo	ort the project's impact on the following:			
A. Will the project convert farm	land and if so, how many acres?				
7t. Tim the project converticin	and and most, now many dones.				
B. Will the project contribute to	deforestation or address fire hazards on forest lands?				
C. Will the project conserve wa	iter and if so, how much?				
D. Does the project comply wi	th the Environmental Protection Agency's renewable fuel st	andards?			
E. Are at least 25 percent of t	he project components biobased?				
	E. Are at least 25 percent of the project components biobased?				
_					
XII. Commitment of Funds: Docum	entation is required to be attached for points under the com	mitment of funds scoring criteria.			
Source:	Amount:\$	Attached: ☐			
Source:	Amount:\$	Attached: □			
Source:	Amount:\$	Attached: □			
Source:	Amount:\$	Attached: □			
	Total:\$				
XIII: Relationship:					
This is to certify that I, as the app employee.	olicant, have ☐ a known or ☐ no known relationship or ass	sociation with a Rural Development			
	lease indicate the name of the Rural Development employe	∋e :			
XIV. Previous Funding:					
_	ave not, received any grants and/or guaranteed loans under	r the REAP program.			
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(VII. Certification of Documentation and A	Acceptance:				
CERTIFICATION AND ACCEPTANCE	CERTIFICATION AND ACCEPTANCE				
	I certify that, to the best of my knowledge and belief, the information included with this Application, including all attachments, are true and correct, and that I certify to each of the conditions specified in Section V and XIII-XVI of this application.				
AGRICULTURAL PRODUCER \ RURAL	AGRICULTURAL PRODUCER \ RURAL SMALL BUSINESS				
	ACRICHI TURNI PROBUCER I RURNI CHANA BUGUNEGO MANE				
AGRICULTURAL PRODUCER \ RURAL SMALL BUSINESS NAME					
Signature					
Ву:					
(Officer, Member, Partner, Proprietor)					
Title:					
Date:					