



CT Resource Conservation & Development Area, Inc.

CT FARM ENERGY PROGRAM

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CT Farm Energy Geothermal Pilot Program

The Connecticut Resource Conservation and Development Area Inc. (CT RC&D) cultivates partnership-driven solutions for a diverse and resilient Connecticut by enhancing our agriculture, natural resources, and economy.

Through support from USDA Rural Development through a REDA grant, CT Farm Energy Program (CFEP) a program of CT RC&D, seeks to implement a new CT farm energy geothermal pilot project. CT RC&D seeks to implement a two-year pilot project by offering education, outreach, workshops and renewable energy assessments specifically focused on geothermal opportunities for farms and agriculturally based rural small businesses in Connecticut. The goal of this project is to reduce barriers to alternative renewable energy resources by providing eligible farms and agriculture based rural small businesses with a free geothermal energy assessment and corresponding report. This will allow for consideration of another alternative form of energy in operations at no obligation to implement.

CT Farm Energy Geothermal Assessment Application Form

Applicant Information

Full Name: _____
First *Last*

Mailing Address: _____
Street Address

_____ *City* *State* *ZIP Code*

Phone Number: _____ Email: _____

Operation Name: _____

Owner(s) Name(s): _____

Assessment Site Address: _____

Operation Information

Years in Business: _____ Acreage in Production: _____

Type of Operation: Greenhouse Field Crops Nursery Dairy Beef Livestock

Other: _____

Do you have floor plans for the building(s) to be assessed?
What part of your operational HVAC needs would you like to replace with geothermal energy?

Do you have any future construction projects with HVAC needs for which you would like to use geothermal?
What is your current type of heating and cooling system?
Annual heating and cooling costs:

Eligibility

To receive this free geothermal assessment, your operation must be eligible to receive services per USDA Rural Development Standards. Completing the information below will allow CT RC&D staff to determine eligibility. To receive services from CFEP, you must be considered an agricultural producer **or** an agriculturally based rural small business.

Do you qualify as an Agricultural producer?	Yes	No	Unsure
In order to be considered an "Agricultural Producer" your most recent 3 years of tax returns shows 50% or more in agriculture production income. If you meet this requirement, your operation can be located anywhere in Connecticut and receive service. A separate verification form will be required by CT RC&D to qualify.			
Do you qualify as Rural Small Business?	Yes	No	Unsure
Rural Development defines a rural small business in Connecticut based on location, follow this link and enter your address to see if you are located in an eligible area to receive service. https://eligibility.sc.egov.usda.gov/eligibility/welcomeAction.do			

Geothermal Application

Have you previously inquired into ground source heat pumps for your operation?		If so what type(s) of geothermal system(s)?
Has your operation ever been assessed for geothermal by a qualified installer in the past?		If so when was the previous assessment completed?
Did the previous assessment conclude your operation was a good candidate for geothermal? What recommendations were made and why was it not implemented?		
What type(s) of geothermal application(s) are you most interested? <i>Check all that apply</i>	<input type="checkbox"/> Heating <input type="checkbox"/> Cooling <input type="checkbox"/> Buildings <input type="checkbox"/> Hot Water <input type="checkbox"/> Greenhouses <input type="checkbox"/> Livestock <input type="checkbox"/> Dehumidification <input type="checkbox"/> Waste Heat Recovery <input type="checkbox"/> Other:	
Do you have specific ideas about a geothermal energy system for your operation?		
Do you have any questions or concerns about geothermal energy systems in relation to your operation?		

Disclaimer and Signature

I certify that my answers are true and complete to the best of my knowledge. I acknowledge that CT RC&D is contracting with a geothermal professional to provide a limited number of free assessments to eligible applicants on a first come first serve basis. A copy of the geothermal assessment report for my operation will be given to me, CT RC&D and USDA Rural Development as a deliverable of this grant opportunity. Photos of my site will be taken and used within the final report and may be used for educational purposes during workshop presentations and/or for brochure purposes by CT RC&D.

Signature: _____ Date: _____

**Application forms can be submitted to CT RC&D/ CT Farm Energy Program
by mail to: PO Box 70, Haddam, CT 06438 or by email to amanda@ctfarmenergy.org
An equal opportunity employer and provider**