

# The RI RC&D Area Council, Inc.



"HELPING PEOPLE HELP THE LAND SINCE 1973"

## Agricultural Energy Program Grant

*A collaborative project of the Department of Environmental Management, Division of Agriculture and Office of Air Resources, the Rhode Island Resource Conservation and Development Area Council, Inc. and the RI Office of Energy Resources*



## Ag-Energy Grant Application Form 2018 for an Energy Efficiency Project



### Instructions for Submission of Application

This Application Form must be completed and signed.

This application must also be accompanied by the following:

- All documentation as requested within the Application Form. (Please complete the checklist on page 10.)
- A completed general energy audit for the Agricultural Operation applying for the grant, or the commitment to complete an energy audit prior to receiving funding reimbursement at project completion.

Failure to sign the Application Form or to provide any of the materials requested may result in the disqualification of the Application.

### Completed Application must be submitted to

Paul Dolan, RI RC&D Area Director  
2283 Hartford Avenue  
Johnston, RI 02919  
[rircd2283@gmail.com](mailto:rircd2283@gmail.com)

### Method of Submitting the Application

The Application including all accompanying documentation may be submitted by **mail, e-mail, or hand delivery** to the RI RC&D Office.

**Applications sent by FAX will NOT be accepted.**

### Deadline for Application Submission

Applications that are **hand delivered** or **e-mailed**

**must be received at the RI RC&D Office on or before 4:00 p.m. on Tuesday, October 16<sup>th</sup>, 2018.**

Applications that are **mailed through the US Post Office**

**must be postmarked on or before 4:00 p.m. on Tuesday, October 16<sup>th</sup>, 2018.**

**No exceptions will be made.**

**Please Note:** RI RC&D cannot guarantee that any particular grant will be awarded. Any contract with a successful Applicant will be subject to: 1) the availability of funds consistent with the terms of the application submitted, 2) any rules or decisions of RI RC&D, and 3) all relevant laws and regulations pertaining.

## AG-ENERGY PROGRAM APPLICATION FORM 2018

### Proposal for Energy Efficiency Project

All the information on this application must be completed or identified as not applicable (NA)

|              |  |
|--------------|--|
| Project Name |  |
|--------------|--|

|                                     |  |
|-------------------------------------|--|
| Estimated Energy Savings of Project |  |
|-------------------------------------|--|

#### INFORMATION ABOUT THE APPLICANT

|                |  |
|----------------|--|
| Applicant Name |  |
|----------------|--|

|                |  |
|----------------|--|
| Street Address |  |
|----------------|--|

|                 |  |
|-----------------|--|
| Mailing Address |  |
|-----------------|--|

|        |  |
|--------|--|
| County |  |
|--------|--|

|            |  |               |
|------------|--|---------------|
| Home Phone |  | Email Address |
|------------|--|---------------|

|              |  |
|--------------|--|
| Mobile Phone |  |
|--------------|--|

How did you hear about the program?

|                                  |                                   |  |       |  |
|----------------------------------|-----------------------------------|--|-------|--|
| Website <input type="checkbox"/> | Workshop <input type="checkbox"/> | Word of Mouth <input type="checkbox"/> | Other |  |
|----------------------------------|-----------------------------------|--|-------|--|

#### INFORMATION ABOUT THE AGRICULTURAL OPERATION

|                |  |
|----------------|--|
| Operation Name |  |
|----------------|--|

|               |  |
|---------------|--|
| Owner Name(s) |  |
|---------------|--|

|                 |  |
|-----------------|--|
| Legal Structure |  |
|-----------------|--|

|              |  |
|--------------|--|
| Site Address |  |
|--------------|--|

|        |  |
|--------|--|
| County |  |
|--------|--|

Type of Operation:

Greenhouse  Produce  Nursery  Dairy  Beef  Livestock

Other:

Describe:

Acresage:

Owned

Leased

In Production

|  |
|--|
|  |
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|  |
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➤ Attach copy of lease agreement

# Application Form for Energy Efficiency Project 2018

## Description of Agricultural Operation

Please provide a clear description of your operation in detail, including growing crops and/or livestock raised.

➤ Attach an aerial view of the operation if possible

## Participation in Agricultural Development Rights Program

Does this farm have a "Deed to Development Right" (DDR)?

NO       YES

Year DDR Recorded:

Name on DDR:

Will this project be implemented on DDR land?

NO       YES

Will this project require approval from the Agricultural Lands Preservation Commission?

NO       YES       NOT SURE

**Note: All projects must be consistent with state policy.**

Is the proposed project involved with other State and/or Federal Funding programs?

NO       YES

**Please check all that apply:**

USDA-NRCS/EQIP

USDA REAP

C-PACE

National Grid Incentive Program

# Application Form for Energy Efficiency Project 2018

## Project Proposal

### Project Category:

Geothermal— high-efficiency air-source / ground-source heat pumps

#### Greenhouses and Nurseries

Thermal curtains       Envelope insulation       Natural ventilation  
 Root zone heating (under bench)       Electronic temperature controls

#### Dairy

Plate cooler       Variable speed vacuum pumps  
 Refrigeration heat recovery / free heaters

#### Maple Sugaring, Food Production, & Other technologies

Doors & windows     Cold storage systems       Process heat recovery  
 Insulation       Lighting       High energy evaporators  
 Heat recovery & steam enhanced units  
 Reverse osmosis (RO) systems  
 Higher efficiency heating, ventilation, & air conditioning systems (HVAC)  
 High-efficiency refrigeration (optimally with heat recovery)  
 Energy-efficient technologies advancing urban food gardens

## Project Description

Please provide a clear description of the proposed project stating how the project will impact and benefit the agricultural activities of the operation.

## Estimated Energy Savings

### Has the operation had an Energy Audit?

No     Yes Date:       Name of Auditor: \_\_\_\_\_  
➤ Attach copy to this application.

Was a separate energy efficiency project assessment conducted specifically for this project?

No     Yes    ➤ Attach copy to this application.

How much energy will be saved annually by the proposed efficiency project?  
Please indicate units, i.e., kWh, gals, therms, cords, etc.

What percentage of total energy used by the operation will be saved annually by implementing the proposed energy efficiency project?

 %

# Application Form for Energy Efficiency Project 2018

## Project Economics

1. **Total Project Cost** ..... \$

- Attach all supporting quotes from vendors and contractors

### Project Funding Plan: Sources of Funding

**Anticipated or Expected Funding— Rebates, Grants, and /or Incentives, etc.,**

***Excluding this grant application request or your personal contribution:***

A. USDA-Rural Development (REAP) .....\$ \_\_\_\_\_

B. National Grid Incentive Program.....\$ \_\_\_\_\_

C. USDA-NRCS/EQIP \_\_\_\_\_ \$ \_\_\_\_\_

Other Funding Sources: Please List:

D. \_\_\_\_\_ \$ \_\_\_\_\_

E. \_\_\_\_\_ \$ \_\_\_\_\_

F. \_\_\_\_\_ \$ \_\_\_\_\_

**G. TOTAL Anticipated Funding (sum A through F) ...** \$

**H. Amount you are requesting through this application**  
**RI Agricultural Energy Program Grant (\$20,000 or less).....**\$ \_\_\_\_\_

**I. Applicant's Contribution to Funding .....**\$ \_\_\_\_\_

- Attach supporting documentation of personal funding source(s)  
(e.g., bank line of credit, personal loan, secured loan, etc. )

2. **Total of Anticipated Funding (sum of sources G , H. and I).....** \$

### 3. Shortfall Calculation

Subtract 2. **Total Anticipated Funding** from 1. **Total Project Cost** = \$ \_\_\_\_\_

- **This shortfall amount should be ZERO. Project must demonstrate potential to be fully funded in order to receive grant money from RI RC&D.**

### 4. Simplified Payback Years Calculation

Projected Average Annual Cost Savings .....\$ \_\_\_\_\_

- Attach any supporting documentation of cost savings

(Total Anticipated Funding) / (Annual Average Cost Saving) = \_\_\_\_\_ Payback Years

# Application Form for Energy Efficiency Project 2018

## Project Execution Plan & Supporting Documentation

### Project Schedule:

- Is this project ready to begin once all funding is received?  YES  NO
- Have vendors or suppliers included scheduling and or time estimates for certain phases of your project in their quotes or proposals?  YES  NO  Some

Please summarize project schedule:

Best estimate of project duration from start to finish: \_\_\_\_\_ Months

### Team Members:

**Please provide a list all team members associated with this project**, and describe their individual experience / expertise (e.g., work experience, training, education, professional certifications, licenses, etc.) that will help in achieving the goals of this project

- Attach copies of certificates, licenses etc.

# Application Form for Energy Efficiency Project 2018

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## Project Execution Plan & Supporting Documentation, continued

### Vendors:

List all vendors associated with this project.

➤ Attach copies of professional certifications, licenses, and proofs of insurance, labor and workmanship warranties etc.

### Permits:

List all permits required for this project indicating who will be responsible for securing the permit, and the date by which the permits will be secured.

# Application Form for Energy Efficiency Project 2018

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## Project Execution Plan & Supporting Documentation, continued

### Equipment, Labor & Workmanship Warranties & Guarantees:

List equipment associated with this project and the installer for each, and provide warranty / guaranty documentation for the equipment, labor and the workmanship associated with its installation.

- Attach copies of documentation to this application.

### After Project Operation & Maintenance Requirements:

List equipment that requires scheduled maintenance and provide maintenance schedules for all equipment as per manufacturer recommendation.

- Attach copies of documentation to this application.



# Application Form for Energy Efficiency Project 2018

## Request for Funding

Supported by the information provided in this application, I, the undersigned applicant, hereby request Ag-Energy Grant funding in the amount of:

\$

(This amount must match the amount H on page 5 of this application.  
Maximum amount \$20,000.)

I understand that RI RC&D has the option to negotiate the requested amount before entering into a contract.

## Attestation

By signing this application, I hereby attest that all statements herein are accurate and true and that I have the legal authority to enter into a binding contract with RI RC&D.

By signing this application, I give permission for RI RC&D Ag-Energy Grant Committee staff to make site visits before a funding decision is made, and understand that RI RC&D will arrange any such site visits with me in advance.

By signing this application, I agree that I will adhere to all applicable local laws, state laws, and permits.

I further attest that I am aware that any RI RC&D grant money awarded can only be dispersed to me upon proof that the project is fully funded, and upon signing a Contract Agreement with RI RC&D.

I understand that I must provide documentation showing that all other grants or funding sources are in place and that the Total Amount for the Project requested in this grant Application has been made available to me for the project before any RI RC&D monies will be dispersed to me.

Applicant Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## Application Form for Energy Efficiency Project 2018

### Energy Efficiency Application Check List

- Application Signed and Dated
- ROI/Simplified Payback Calculated
- Attach: Documentation of cost savings supporting payback calculation
- Shortfall calculation equals \$0
- Attached: Proof(s) of applicant contributions to project funding
  - Not applicable
- Attached: General Energy Audit
  - OR  General Energy Audit will be completed prior to receiving funding
- Attached: Separate Energy Efficiency Assessment
  - Not applicable
- Attached: Copy of lease agreement for leased acreage
  - Not applicable
- Best estimate of project duration provided
- Attached: Team documentation (e.g., degrees, certifications, licenses, etc.)
  - Not applicable
- Attached: Applicable documentation for each vendor
  - e.g.—
    - Licenses/Registrations
    - Workmanship guarantees / warranties
    - Proof of insurance
    - Electrical license
    - Rhode Island Contractors' Registration and Licensing Boards registration
    - Rhode Island Renewable Energy Professional Certificate
    - Proof of registration with the Rhode Island Secretary of State's Office
- Attached: Equipment Warranties and Guarantees
- Attached: Manufacturer Equipment Operation and Maintenance Schedule documentation
- Attached: Signed Turnkey Contract
  - Not applicable
- Attached: Shading Analysis Report
  - Not applicable
- Attached: Electrical Drawing
  - Not applicable
- Attached: Specification Sheets
  - Not applicable
- Attached: Aerial Image
  - Not applicable
- Attached: proof "enough life left in roof"
  - Not applicable