





SINCE 2016, **RIAGEP** HAS SERVED AS A GUIDING AND HELPFUL RESOURCE FOR FARMERS LOOKING TO INVEST IN ENERGY EFFICIENCY AND RENEWABLE ENERGY PROJECTS.



THERE ARE DIFFERENT STRATEGIES AND TECHNIQUES OF OUTREACH:

EMMA Acres, Exeter RI 2020 RIAGEP Awardee



METHODOLOGY

- Simplifying and Creating Outreach materials
- Focus on Thermal Decarbonization
- Website Updates
- Outreach
- Social Media Management

SIMPLIFYING, DEVELOPING, AND CREATING OUTREACH MATERIALS

SIMPLIFYING...

Old Outreach materials were difficult to understand.

Converted these documents into a digestible format that is easier to read and comprehend.

	Overview of Fillancial r			irces for Kerie	-Wable Ellergy Off Fairlis		Areasunt Try combining					
	Program Type		De:	scription	Eligibility	Energy Audit	Energy Audit Amount					
ITC	Federal Solar Investment Tax Credit	Tax Credit	tax credit	s receive a federal t based on total oject cost	Homeowner or comproperty owner Own solar system	mercial Audit not required	30% one-year fedo tax credit; tax cre starts declining in 2 and expires in 20	dit • REAP 020 • RIAgEP				
REG	Renewable Energy Growth	Feed-in Tariff	Participants sell energy I-in Tariff output under long-term tariffs at fixed prices		 National Grid interc Solar ≤ 25 kW DC 	onnection Audit not required	\$0.298/kWh - \$0.4135/kWh	• ITC • C-PACE				
REF	Renewable Energy Fund	Grant	Participants receive a grant for renewable energy		Legal business, municipality, or non-profit Separation of option Cotober 1, 201		\$1.00/W up to \$8,000 maximum for systems \(\) REAP 8kW; up to \$80,000 project maximum for					
		Overview of Financial Resources for Energy Efficiency on Farms									ted June 2018	
RIAgEP	RI Agricultural Energy Program	Grant	Pa	Program	Туре	Description		Eligibility		Energy Audit	Amount	Try combining with
REAP - grant	Rural Energy for America Program	Grant	PE B TEE	Farm Energy Efficiency Program	Incentive and/or Reimburse- ment	Participants receive a fr energy audit and financ incentives for recommen energy-saving measure	ial • Nati ded • Dire	National Grid customer Direct ownership or approval from landlord		Free for participants, required to receive incentives	Up to 75% total cost of recommended installed energy-efficient upgrades	REAPEQIPRIAgEPC-PACE
REAP - Ioan	Rural Energy for America Program Commercial	Loan	EQIP	Environmental Quality Incentives Program	Reimburse- ment	Participants receive finan and technical assistance implement structural ar management conservati	to Proving Com	trol or own eligible ply with income lir isions ply with highly ero wetland conservat	mitation odible	Audit and Agricultural Energy Management Plan required; some reimbursement for	Reimbursement for energy efficiency upgrades identified in the Agricultural Energy	• FEEP • REAP • RIAgEP • C-PACE
C-PACE	Property Assessed Clean Energy This document is program's re	Loan a guide collated by spective administra mechanism that do	itors p	RI Agricultural Energy Program	Grant	best practices Participants are selecte through competitive application process	ed • Reco	irements ognized farming op ty to enter into leg ing agreement wit	gally	participants Complete or initiated audit required; FEEP audit	Management Plan Up to \$20,000	• FEEP • REAP • EQIP
			REAP - grant	Rural Energy for America Program	Grant	Participants are selecte through a competitive application process	• At le ed from e busi area	ast 50% of gross in a ggriculture OR sm nesses in eligible ru s (municipal popul than 50,000)	ncome nall ural	is sufficient Audit is required; FEEP audit is sufficient	\$1,500 - \$250,000	FEEP RIAgEP EQIP C-PACE
			REAP - Ioan	Rural Energy for America Program	Loan	Participants are selecte through a competitive application process	• 2ee	eligibility requirem ? - grant	ents for	Audit is required; FEEP audit is sufficient	Loan financing for up to 75% of total project costs (\$5,000 - \$25 million)	• FEEP • RIAgEP • EQIP • C-PACE
			C-PACE	Commercial Property Assessed Clean Energy	Loan	Loan tied to property assessment that can be transferrable with ownership and is structu to be cash-flow positiv	e • Have • Loca red mun	e a commercial me ted in a participati icipality		Audit is strongly recommended	Loan financing for up to 100% of total project costs	• FEEP • REAP • RIAgEP • EQIP
This document is a guide collated by RI Office of Energy Resources. It is not guaranteed to be comprehensive and is subject to change. Please carefully review program's respective administrators prior to application. An incentive lowers the upfront cost of a project. A grant is a sum of money that does not need financing mechanism that does need to be paid back. A reimbursement is paid to the farmer at the completion of a project. Contact carrie.gill@energ								at does not need to be paid bac	k. A loan is a			

Overview of Financial Resources for Renewable Energy on Farms



PROGRAMS AVAILABLE TO SUPPORT RI AGRICULTURAL **ENERGY PROJECTS**

ENERGY

EFFICIENCY



Find out more. follow the QR Code!



RENEWABLE ENERGY

GRANTS

RI AGEP

REAP

program through USDA - \$1,500 to \$250,000

GRANTS

RIAGEP

RENEWABLE ENERGY FUND

REAP

REAP

Rural Energy for America program through USDA - Up to 75% of total project cost

C-PACE

Commercial property Assessed Clean Energy through RIIB - up to 100% of project costs; tied to property assessment

FEDERAL INCOME TAX CREDIT

RENEWABLE ENERGY GROWTH

C-PACE



Rhode Island Agricultural Energy Grant Program

Applications for the next funding round are due on November 4, 2022.

The Agricultural Energy Grant Program provides awards of up to \$20,000 for eligible energy efficiency and renewable energy projects at RI Farms. The grant program has held two rounds of funding each year since 2016. In total, the RI Ag Energy Program has awarded over 50 grants to RI Farms totaling \$894,346, which has helped fund 892KW of solar energy procurement, which directly offsets RI Farmer's carbon footprints.

This funding helps local farmers reduce their reliance on conventional fossil fuels while eliminating the energy-intensive carbon footprint of RI's agricultural sector. Farmers can "green" their operations through the financial and environmental benefits offered by energy efficiency upgrades and renewable energy procurement.

















For access to applications and more information about the program, scan the QR









INTRODUCING THERMAL DECARB INTO A SOLAR DOMINATED PROGRAM CONTINUED...

After conducting thermal decarbonization outreach for the farm program, including heat pump program flyers and one-on-one conversations with farmers.

We had several potential applicants with heat pump projects...

ELECTRIFYING YOUR FARM?

ELECTRIFY YOUR HEATING AND COOLING IN ONE STEP

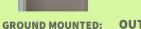


Get an air source heat pump

- Three times more efficient and gas or oil heating
- Moves heat to both warm and cool at home
- Does not burn any fuel to create heat
- Maximize cost savings and comfort by weatherizing your home first

WALL MOUNTED: CEILING MOUNTED:









Heat pump water heaters are also available and can help:

- Reduce monthly bills
- Last longer than traditional water heater's
- Help dehumidify basements

HEAT PUMP



DID YOU KNOW? APPROXIMATELY 1/3 OF RHODE ISLAND EMISSIONS ARE FROM HEATING

WEBSITE MANAGEMENT: UPDATING OER'S FARM PAGE

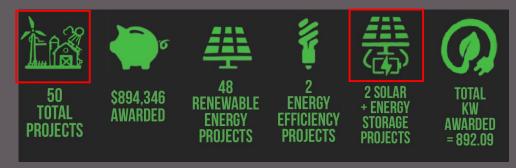
INFOGRAPHIC UPDATES

RIAGEP has been a solar dominated program since it's inception, and my outreach efforts have helped to diversity the clean energy portfolio for RI Farmers.



PREVIOUS VERSION





















FARM LIST-BUILDING...



of farms. There was no existing database of all existing farms.



Contacted auditors at RISE Engineering

Farm Name	Contact Name	Farm Type	Contact email	Number	Address	
Acres of Oak Farm		Meat for family				
Adams Farm		Christmas Trees/Pumpkins/ Flowers				
Addieville East Farm		Preserve/hunting/fly fishing				
African Alliance Community Garden & Bami Farms		Gardens/Education				
Airport Nursery	111111111111111111111111111111111111111	Garden Center				
Albert Turf Farms		Nursery/Flowers/ Grains/Seed				
Almy-Thurston Christmas Tree Farm		Christmas Trees/Blueberries				
Alpacas Of Harkiney Hill	CONFIDENTIAL INFORMATION			NFIDENTIAL		
Aipacas Of Heriselottii Farm		Alpacas/Nursery		ORMATION		
Amber Valley Ridge Farm		Alpaca/Fleece/Crop/ Livestock				
AMCC Cattle Co.	111111111111111111111111111111111111111	Livestock/Cattle				
Anchor Organics		Vegetables/Fruit				
Andy Snider]	N/A				
Angell Farm		Vegetables/ Greenhouse				
Appleland Orchard		Orchard/Pasteries				
Aquidneck Farms		Beef/Poultry				

OUTREACH AND SOCIAL MEDIA MANAGEMENT



















Farmers Market Outreach

Sweet & Salty Farm Video Interview







Cheese and yogurt making grass-fed dairy farm in Little Compton.

Received 3 grants: REF, REAP, and RIAgEP.

19.8 kW Rooftop solar array offsets 100% of the energy used for their business.



Instagram "Featured Farm of the Week"

In the past, there were limited media resources for farm energy outreach materials. As of this year, we have created a portfolio of photos specifically encompassing the Farm Energy Program.

These photos will be used by OER in the years to come.

With the help of the RIAgEP program and a supportive install team the 42.66 kW rooftop solar array offsets 100% of the energy use for this dairy farm operation.



Social Media: Instagram

Within the time of my internship, I updated the Instagram platform and refined and tested out engagement strategies.

After deleting old stock photos and posting our own edited photos, we have significantly increased our following.

From March to Present date our page has gained <u>74 Followers</u>.

