

**Origin
Farms**
CONSULTING

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NC Dairy Management Series
Iredell County Extension Center
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APPLYING FOR
RURAL ENERGY FOR AMERICA PROGRAM
REAP
GRANTS

REAP GRANT OVERVIEW



FUNDS FOR AGRICULTURAL AND RURAL BUSINESSES TO IMPROVE ENERGY EFFICIENCY



25-50% GRANT FUNDING ON ENERGY EFFICIENT EQUIPMENT AND RENEWABLE ENERGY PROJECTS



IN 2024, THERE ARE QUARTERLY FUNDING OPPORTUNITIES

Examples of REAP Grants

ENERGY EFFICIENCY IMPROVEMENTS

- UP TO \$500,000 IN FUNDING PER PROJECT

RENEWABLE ENERGY SYSTEMS

- UP TO \$1M IN FUNDING PER PROJECT

Energy Efficiency Improvements

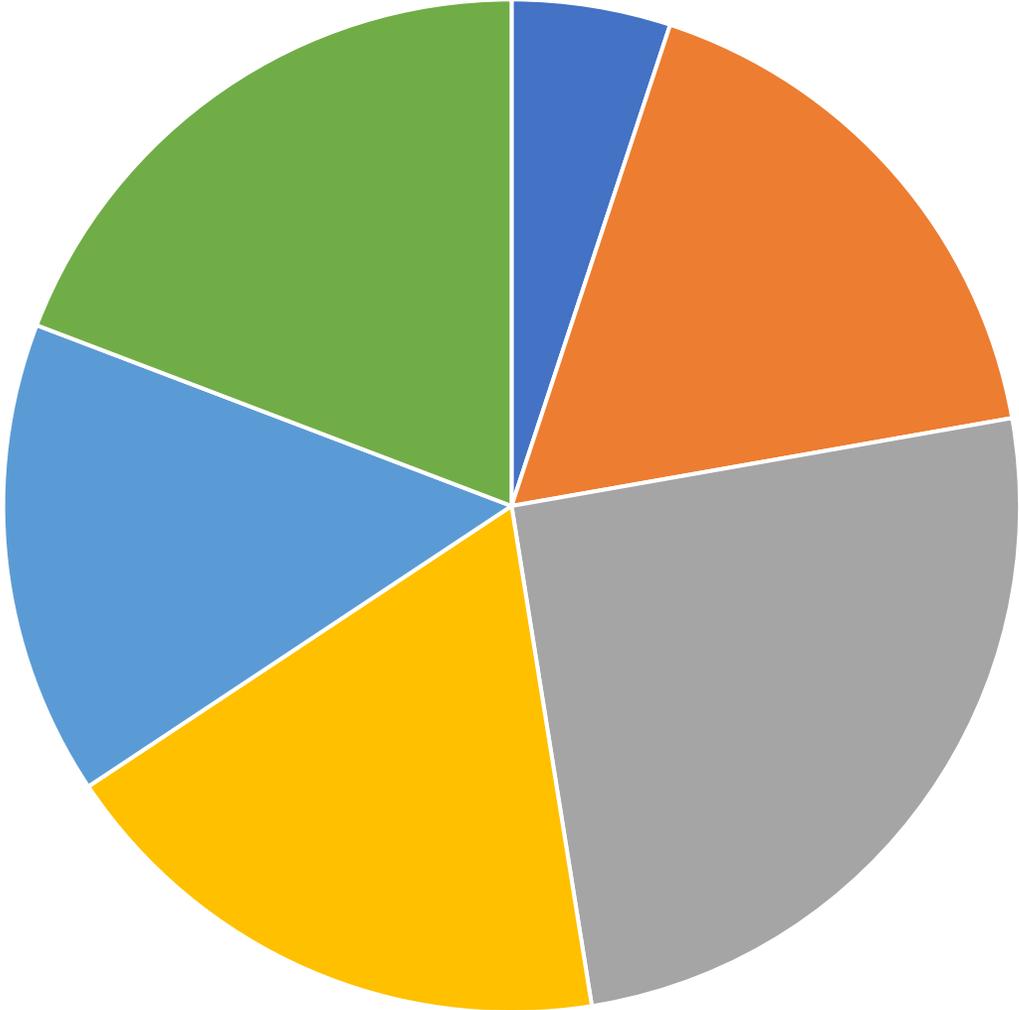
- Pumps
- Fans
- Lighting
- Chillers



Energy Use on Dairy Farms

Estimated Energy Use by Category On Dairy Farms

Energy Use	
Heating/Cooling	5%
Vacuum Pumps	17%
Milk Cooling	25%
Water Heating	18%
Lighting	15%
Ventilation	19%



■ Heating/Cooling ■ Vacuum Pumps ■ Milk Cooling ■ Water Heating ■ Lighting ■ Ventilation

Renewable Energy Systems

- Solar
- Wind
- Geothermal
- Biodigesters





Agrivoltaics



Levels of Funding

Based on Project Size:

- Small – Under \$80,000
- Medium - \$80,000 to \$200,000
- Large – Over \$200,000



Get Ready to Apply

UNIQUE ENTITY ID (UEI) FROM SAM.GOV

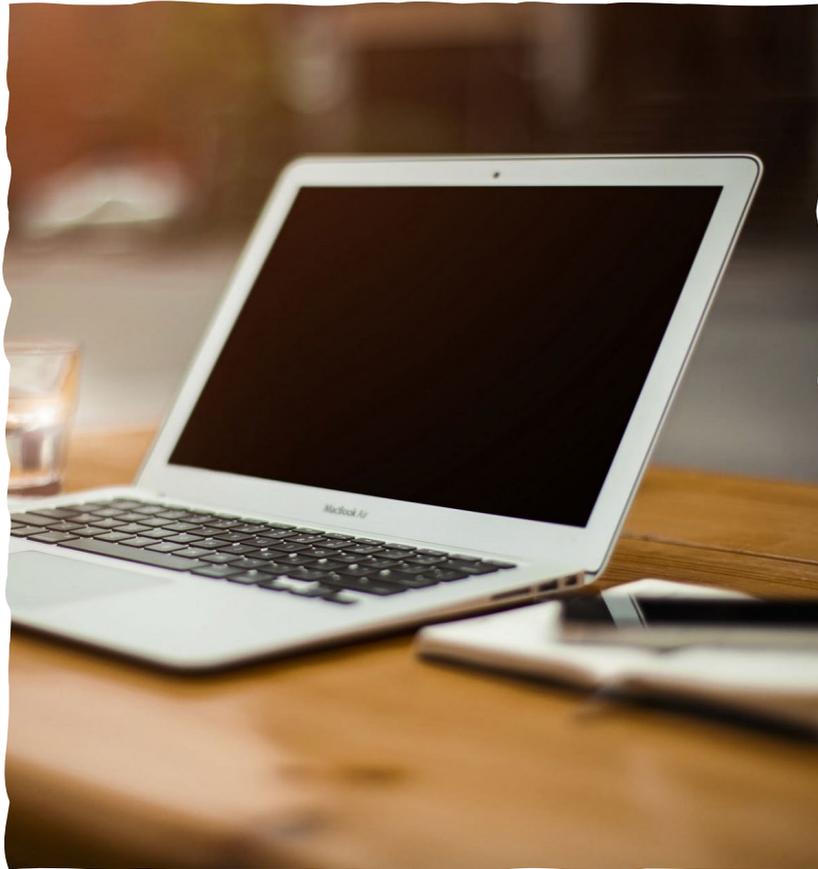
ENERGY AUDIT OR ENERGY ASSESSMENT

PROJECT BIDS

PROOF OF MATCHING FUNDS

ENVIRONMENTAL REVIEW

Get Ready – Step 1



Go to SAM.GOV

1. Sign up for a UEI

2. Register with www.sam.gov

Can take several weeks to
verify address



BEWARE

- **MAKE SURE YOU GO TO SAM.GOV**
- **YOU WILL NEVER BE ASKED FOR MONEY. THIS IS A FREE SERVICE.**

This is a two-step process!

1. Sign up for a UEI then

Wait for “VERIFICATION”

2. Register with www.sam.gov

more waiting..

BE PREPARED

- **YOU NEED YOUR EIN NUMBER**
- **YOU NEED YOUR BANK ROUTING NUMBER AND BANK ACCOUNT NUMBER.**
- **YOU WILL CREATE AN MPIN LOGIN CODE THAT YOU NEED TO UPDATE. YOU NEED TO SAVE THIS FOR FUTURE USE.**



Get Ready Step 2 - Energy Audit

ENERGY EFFICIENCY PROJECTS NEED A
“FOCUSED” ENERGY AUDIT TO SHOW
ENERGY SAVINGS

CHECK WITH YOUR LOCAL UTILITY
COMPANY OR ELECTRICAL COOPERATIVE
TO SEE IF THEY PROVIDE THIS SERVICE

SOME VENDORS OFFER THIS REPORT



Get Ready Step 3 - Bids

Gather bids for all
aspects of the
project



Will need to identify
vendor qualifications
(licensing and
certifications)

Get Ready – Step 4

Financing

- ***THE REAP GRANT IS A REIMBURSEMENT GRANT.***
- ONCE YOUR GRANT IS APPROVED YOU WILL PURCHASE THE EQUIPMENT AND INSTALL IT.
- THEN, YOU WILL SUBMIT A REIMBURSEMENT REQUEST SHOWING PAID RECEIPTS.



Get Ready –
Step 4

Proof of
Financing

Cash – Depository Account
Statement

Loan or Line of Credit –
Letter from the bank with
terms and conditions (must
specify project)

Get Ready Step 5 - Environmental Review

Fill out the Environmental Checklist provided by USDA to have the project reviewed by their environmental team for any further requirements

Some projects that involve construction (i.e., moving dirt) will require further reporting.

An Environmental Report may take 60-90 days and can cost \$2,000 - \$6,000

OTHER FUNDING OPPORTUNITIES



USDA VALUE-ADDED PRODUCER GRANT (VAPG)

WORKING CAPITAL GRANT
PLANNING GRANT



SOUTHEAST DAIRY BUSINESS GRANTS (SDBII)

FARM INFRASTRUCTURE
IMPROVEMENT
PRECISION TECHNOLOGY
SPECIALTY PROCESSING
EQUIPMENT
DAIRY BUSINESS PLANNING
GRANT



FARM LABOR STABILIZATION PROGRAM (FLSP)

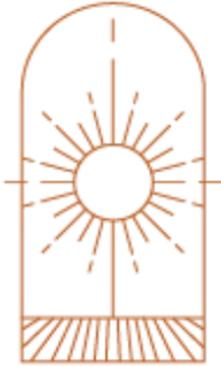
LABOR EXPENSES FOR U.S. AND
H2-A EMPLOYEES



NRCS SERVICE CENTER



GET ON THE LIST AT GRANTS.GOV



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Thank you

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