



EnSave

**Electrify NC
Beneficial Electrification Summit
May 29th**

Energy Audits and Funding
Opportunities for the Farm

EnSave background

- ✓ EnSave has served the agricultural sector for 28 years
- ✓ Independent third-party engineering and consulting firm
- ✓ Focus on farm energy management and program implementation
- ✓ Technical service provider for USDA throughout the US
- ✓ Long history of working with farming community in North Carolina

New! North Carolina Energy Audit Program

- Funded by USDA through the Rural Energy for America Program (REAP)
- Collaborative effort between North Carolina Electric Management Corporation and EnSave
- Two year program with goal of providing energy audits to 35 farms
- Covers 75% of audit cost (25% cost share from audit recipient)

Program offers three types of energy audits

- Comprehensive energy audit
- Focused energy audit
- Demand management audit

Each audit provides independent technical analysis with focus on project economic analysis (payback period)

Aligning members with REC opportunities

As the program moves forward we will work to help connect cooperative members with appropriate rebates offered by participating RECs

Rural Energy for America Program (REAP)

- Provides grant funding and loan guarantees for energy efficiency and renewable energy projects
- Grants cover up to 25% of project costs
- Loan guarantees cover up to 75% of project costs
- For energy efficiency projects, minimum is \$1,500, max \$250k
- For RE projects, the minimum grant amount is \$2,500, max \$500k

Environmental Quality Incentives Program (EQIP)



Natural Resources Conservation Service

United States Department of Agriculture

- Provides financial and technical assistance for farms
- Funding for energy audits/AgEMP
- Funding for energy efficiency projects
- Farm energy audit is required to apply for project funding



Natural Capital Investment Fund (NCIFund)



NCIFund is a U.S. Treasury-certified community development financial institution (CDFI) & USDA lender

North Carolina Energy Efficiency Partnership:

- Interest rate: 5% - 7%
- Length of loan: up to 15 years
- Funding purpose: Energy efficiency, solar and other renewables
- Loan amount: \$25,000 to \$750,000 or more with USDA guarantee
- Designed to be cash positive from Day 1, using energy savings to pay for the cost of the project and providing a seamless experience for borrowers.



Questions regarding this presentation:

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