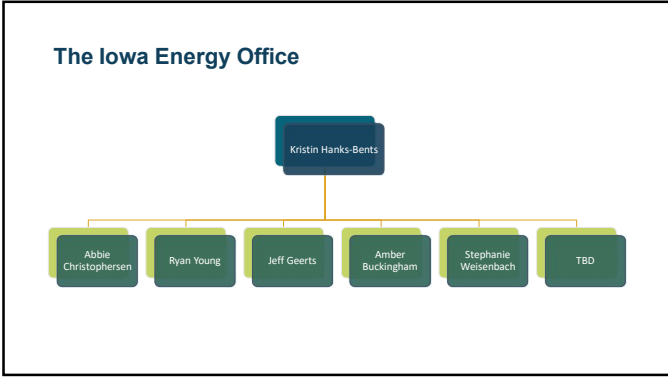


IOWA
Economic Development

Rebates, Grants and Loans: Iowa Energy Office BIL/IRA Updates

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1



2

Agenda

- o Energy Efficiency Revolving Loan Fund
- o Iowa Energy Efficiency and Conservation Block Grant
- o Home Energy Rebates
- o Training for Residential Energy Contractors
- o Grid Resilience Fund

3

Energy Efficiency Revolving Loan Fund (EERLF)

- o EERLF will have loans and grants available for energy efficiency **upgrades/retrofits** of commercial buildings
- o ~\$6M to this new loan program; funded by U.S. Department of Energy (DOE)
- o Program application expected to be available Summer 2025
- o A **qualifying audit must** be conducted **before** initiating a retrofit/upgrade project
- o Loan terms up to 15 years
- o Expected interest rate of 2%

4

Iowa Energy Efficiency and Conservation Block Grant Programs


- o \$2 million
- o 60% to local governments
- o Split into two programs:
 - Community Fund
 - Innovation Fund
- o 8 selected applications
 - Streetlights, building efficiency retrofits, education, solar/electric forklifts
- o Current Status: procurement and project implementation

5

Awards

Eight awards


- Atlantic
- Decorah
- Goodwill of the Heartland
- Guttenberg
- Manning
- Maquoketa
- Muscatine Power & Water
- Storm Lake



6

Awards

- Variety of projects
 - Lighting
 - Pumps
 - Motors
 - Home energy efficiency
 - Solar paired with electric forklifts
- \$975,000 in cost share
- 1.6 million kWh savings/yr.
- 324.7 million BTUs saved/yr.
- \$180,682 saved annually



7

EECBG
Formula Funds
Eligible Local
Governments

8

Home Energy Rebate Programs

The Inflation Reduction Act (IRA) established three programs related to residential energy efficiency

- 50121 – HOMES – whole home energy efficiency program
- 50122 – HEAR – electrification-focused rebates
- 50123 – TREC – training for residential energy contractors

9

Home Energy Rebate Programs

| Type of Home Energy Project | Maximum Allowed Rebate Amount Per Household Below 80% Area Median Income (AMI) | Maximum Allowed Rebate Amount Per Household Above 80% Area Median Income (AMI) |
|--|--|---|
| Home Efficiency Project with at least 20% predicted energy savings | 80% of project costs, up to \$4,000* | 50% of project costs, up to \$2,000 (maximum of \$200,000 for a multifamily building) |
| Home Efficiency Project with at least 35% predicted energy savings | 80% of project costs, up to \$8,000* | 50% of project costs, up to \$4,000 (maximum of \$400,000 for a multifamily building) |
| Home Electrification Project Qualified Technologies (only households with an income below 150% AMI are eligible) | 100% of project costs up to technology cost maximums**; up to \$14,000 | 50% of project costs, up to technology cost maximums*; up to \$14,000 (households with incomes above 150% AMI are not eligible) |

10

HEAR (Home Electrification and Appliance Rebates)

- Rebate program to support low to moderate income households who electrify their homes
 - Iowa will receive ~\$60M
- May cover up to 100% of project costs for low income households and 50% of project costs for moderate income households
- Multifamily units may qualify if at least 50% of residents are low to moderate income
- Audit and HVAC certification required for heat pump installations

11

HOMES (Home Efficiency Rebates)

- Whole home energy efficiency rebate program
 - Rebate amount will be determined by the total projected or measured savings for the whole home
 - Not based on the installation of individual end use applications
 - Iowa will receive ~\$60M
- Audit required – BPI or Resnet
- Measured/modeled/both

12

HOMES and HEAR Next Steps

- States develop rebate application and audit platform, eligibility verification systems, and other necessary tools; DOE to provide rebate repository
- RFP for implementation vendor

Funds will likely become available in early 2025

13

TREC (Training for Residential Energy Contractors)

- Contractor/Auditor Training program – contractors and auditors MUST be certified through this program to be eligible to provide services for HOMES AND HEAR applicants
- Iowa will receive ~\$2.1M in two tranches
- Funds to be used for:
 - New workforce training
 - Existing workforce training and certifications
 - Auditor training and certifications (BPI, Resnet)

14

Iowa Grid Resilience Fund

- Formula funding through Bipartisan Infrastructure Law
- Iowa allocation ~\$5 Million per year for 5 years
 - State and local/ utility match
- Resilience
 - Ability to anticipate, withstand and rapidly recover from disruptive conditions and events
 - Different from reliability, with some overlaps
 - DOE program emphasis is reducing the frequency and duration of electricity outages, especially from extreme weather events
- Objectives for Iowa program
 - Preventative measures to strengthen the grid against severe weather
 - Facilitate faster service restoration
 - Benefit underserved, reduce impact of severe weather-related outages
 - Expand opportunities for a skilled workforce

15

Iowa Grid Resilience Fund

- First competitive applications in winter 23/24
 - Two federal fiscal years allocations available
 - 44 applications received from utilities for infrastructure improvements
 - Next cycle sometime in CY2025
- Eleven projects in the queue for DOE approval
 - Connecting substations, adding redundancy, and switches to alternate power sources
 - Protection from long duration, community-wide outages
 - Underground distribution infrastructure in strategic locations
 - Automated Metering Infrastructure helps detect outages plus other benefits
 - Visibility and control technologies give visibility to the most rural customers
- Next steps: DOE tech assistance on flood resilient utility infrastructure, prepare for next competitive cycle

16

Questions?

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IEDA Iowa Energy Office programs
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17



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THANK YOU

Iowa Economic Development Authority

18
