



Energy Grants and Funding

Ohio Department of Development
Office of Energy and Environment





Energy Efficiency Program (EEP) and Funding

Development's EEP is a comprehensive energy efficiency program aimed at helping businesses, manufacturers, nonprofits, schools, hospitals, colleges/universities, and local governments to reduce energy use and improve energy efficiency, which will result in lower energy and operations costs.



ELIGIBLE APPLICANTS:	Energy Efficiency Program	Ohio Nonprofit Hospitals & Schools Energy Efficiency Grant	Energy Loan Fund	Loan Loss Reserve	Ohio Coal Research and Development Program
K-12 Schools	✓	✓	✓	✓	
Higher Education	✓		✓	✓	✓
Hospitals		✓	✓	✓	
Local Government	✓		✓	✓	✓
Manufacturing	✓		✓	✓	
Non-Manufacturing	✓		✓	✓	
Nonprofit Organizations	✓		✓	✓	✓
Agricultural	✓		✓	✓	
Industrial	✓		✓	✓	✓
Scientific Institutions					✓
Local, Investor-Owned Utilities					

Slide 3

- MA1** is this artwork available? if we had the original, we could possibly add another column for the Renewables & Grid Resiliency Program
Melisa Adrien, 9/14/2023
- BB1** This was created as part of a one-pager. If you would like an addition to this graphic, you'll need to send us a request, but it might take a little time.
Bohnert, Brian, 9/25/2023

Eligible Project Examples



Energy Audit Grant

Manufacturing

Baseline Energy Cost:	\$228,800/year
Projected Energy Savings:	\$115,700/year (61.5%)
Estimated Project Costs:	\$1,570,000
Rebate Potential:	\$605,300 (+tax credits)
Simple Payback:	7.9 years

System Savings Opportunities:

- Lighting
- Heating Systems
- HVAC Controls
- Solar PV



Slide 5

MA2 This is an Energility site - Metal production. If Justin Kale is there, he could present this slide.
Melisa Adrien, 9/18/2023

Energy Audit Grant

Food Production

Baseline Energy Cost:	\$68,800/year
Projected Energy Savings:	\$38,600/year (55%)
Estimated Project Costs:	\$666,500
Rebate Potential:	\$169,500 (tax credits)
Simple Payback:	12.9 years

System Savings Opportunities:

- Lighting
- Hot Water
- HVAC and Controls
- Solar PV



Slide 6

MA3 This is an Energility site - Metal production. If Justin Kale is there, he could present this slide.
Melisa Adrien, 9/18/2023

Energy Audit Grant – City of Middletown

Communities and Local Government

Baseline Energy Cost:	\$193,295/year
Projected Energy Savings:	\$34,280/year (18%)
Estimated Project Costs:	\$79,191
Rebate Potential:	\$14,249
Simple Payback:	1.8 years
Savings Opportunities:	
Hot Water	HVAC
Chilled Water	Lighting



Energy Audit Grant – Cincinnati Art Museum

Non-Profit

Baseline Energy Cost:	\$583,488/year
Projected Energy Savings:	\$296,724/year (51%)
Estimated Project Costs:	\$1,715,790
Rebate Potential:	\$76,836
Simple Payback:	5.1 years
Savings Opportunities:	
Chilled Water	Lighting
Peak Utility Demand Management	HVAC



Energy Audit Grant – University of Cincinnati Clermont

Higher Education

Baseline Energy Cost:	\$352,703/year
Projected Energy Savings:	\$144,686/year (41%)
Estimated Project Costs:	\$989,766
Rebate Potential:	\$41,067
Simple Payback:	6.8 years
Savings Opportunities:	
Boiler Efficiency	Lighting
Chilled Water/Tower Water	HVAC



Energy Audit Grant – South-Western City Schools

K-12 School District

Baseline Energy Cost:	\$929,381/year
Projected Energy Savings:	\$95,800/year (10%)
Estimated Project Costs:	\$60,000
Simple Payback:	1.6 years
Savings Opportunities:	
HVAC	



Energy Audit Grant

Commercial Office Space

Baseline Energy Cost:	\$693,626/year
Projected Energy Savings:	\$197,246/year (28%)
Estimated Project Costs:	\$6,733,986
Rebate Potential:	\$9,987
Simple Payback:	12.1 years with O&M
System Savings Opportunities:	
DDC Controls	Entirely New HVAC System
LED Fixtures	Roof Upgrades



Energy Loan Fund

Low Interest Loans

- Improvements to existing structures
- Energy efficiency projects
- Renewable energy projects

Expected Results

- > 15% savings
- < 15-year payback
- Job creation/retention
- Improve communities and environmental quality

Loan Details*

- \$250,000 - \$2,500,000
- 1% - 3% interest for most applicants*

*Numbers may adjust annually. Additional program requirements/restrictions are available in the program guidelines.

Energy Loan Fund

Warren County Career Center

Projected Energy Savings: \$128,147/year

Estimated Project Costs: \$1,442,393

Simple Payback: 12 years

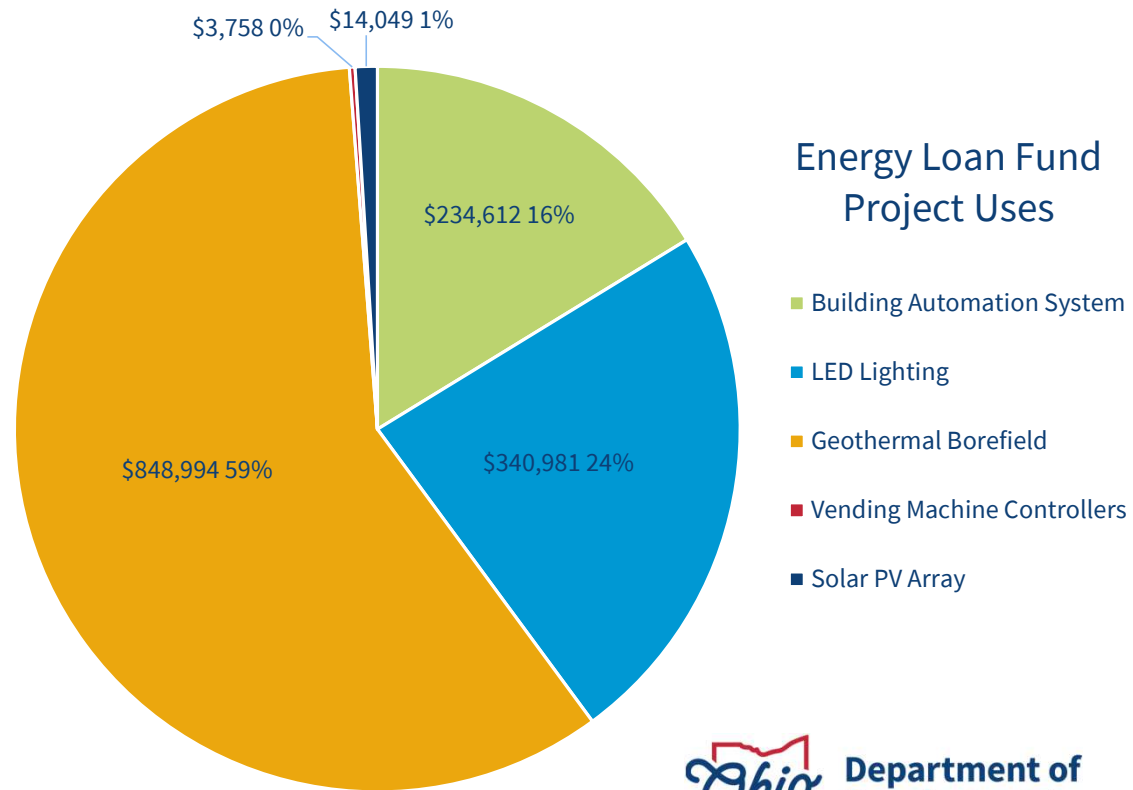
Projected CO₂ Emissions Reduction: 1,556 t/year

System Savings Opportunities:

Building Automation System Geothermal Borefield

LED Lighting Solar PV Array

Vending Machine Controllers



Energy Loan Fund

Worthington City School District

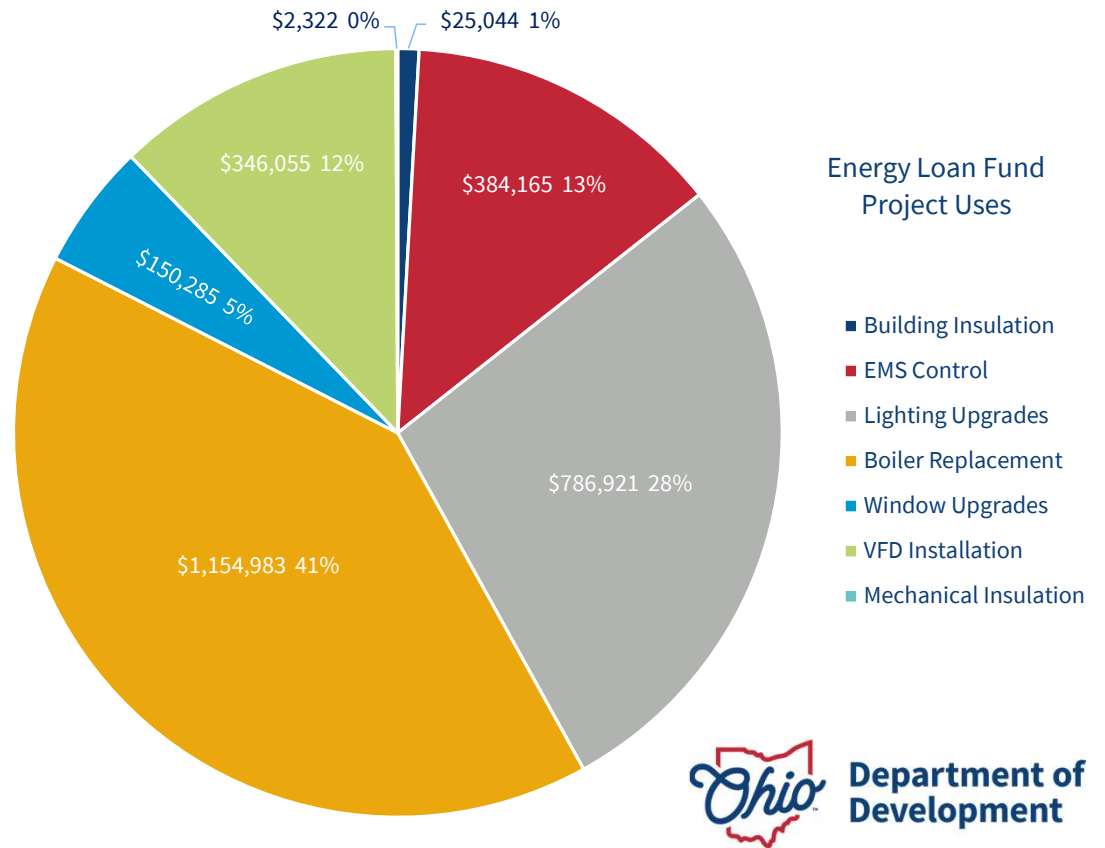
Projected Energy Savings:	\$379,117/year
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Estimated Project Costs:	\$2,849,775
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Simple Payback:	7.5 years
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System Savings Opportunities:

Building Insulation	EMS Control
Lighting Upgrades	Boiler Replacement
Window Upgrades	VFD Installation
Mechanical Insulation	



EEP Contractors/Energy Auditors

NON-MANUFACTURING

Sol Design + Consulting

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Links:

development.ohio.gov/redevelopment
development.ohio.gov/energyloanfunds





Department of Development

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