

Ohio Development  
Services Agency

Office of  
Community  
Assistance

# EEP Customer Case Studies

# Development's EEP

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.

See program details at end of presentation.

# Case Study

## Cincinnati Art Museum (Nonprofit)

### Cincinnati, OH

Baseline Energy Cost	\$583,488/year
Projected Energy Savings	\$296,724 (51%)
Estimated Project Costs	\$1,715,790
Rebate Potential	\$76,836
Simple Payback	5.06 years
Chilled Water Savings	\$133,288 (23%)
HVAC Savings	\$132,655 (23%)
Utilities Savings	\$30,841 (5%)

Customer contact: Mark Crousore, Building & Grounds Facilitator

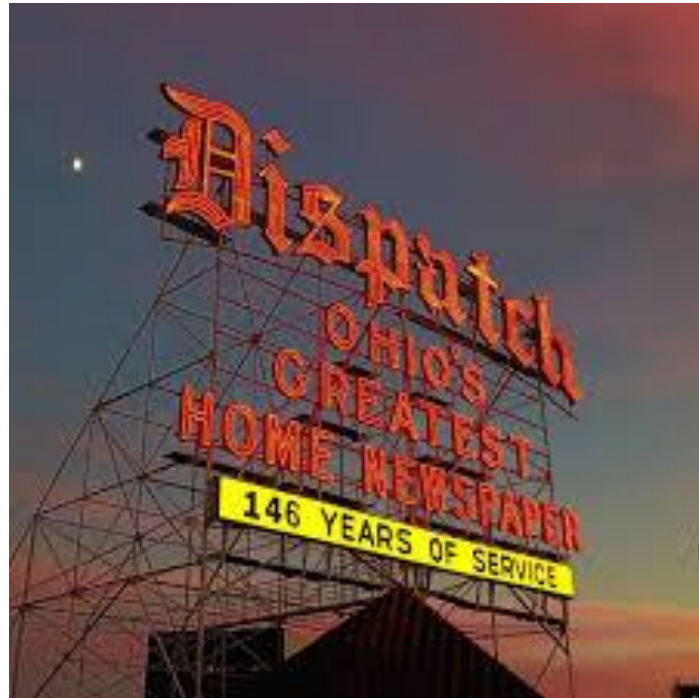


# Case Study

## Columbus Dispatch (Printing Industry)

### Columbus, OH

Customer contact: Kelly Cline



Baseline Energy Cost	\$1,238,839/year
Projected Energy Savings	\$407,134 (33%)
Estimated Project Costs	\$843,349
Rebate Potential	\$99,452
Simple Payback	2.1 years
Chilled Water Savings	\$46,505 (3.8%)
Compressed Air Savings	\$16,767 (1.4%)
HVAC Savings	\$202,238 (16%)
Steam Savings	\$23,206 (1.9%)
Lighting Savings	\$141,534 (11.4%)

# Case Study

## Replex Plastics, Inc.

### Mt. Vernon, OH

Baseline Energy Cost	\$181,147/yr.
Projected Energy Savings	\$32,325 (18%)
Project Costs	\$29,199
Rebate Potential	\$5,370
Simple Payback	11 months
Lighting Savings	\$11,071(34%)
HVAC Savings	\$21,254 (66%)
Total	\$32,325

Customer contact: Mark Schuetz,  
President



# Case Study

## Building Products Manufacturer

### Cincinnati, OH

Baseline Energy Cost	\$3,561,332/year
Projected Energy Savings	\$585,918 (16%)
Estimated Project Costs	\$3,009,272
Rebate Potential	\$107,375
Simple Payback	5.14 years
Cogeneration Savings	\$310,410 (8.7%)
Lighting Savings	\$177,089 (5%)
Compressed Air Savings	\$37,829 (1.06%)
Other Savings	\$60,590 (1.7%)



# Case Study

## Ball Metalpack (Metal Stamping)

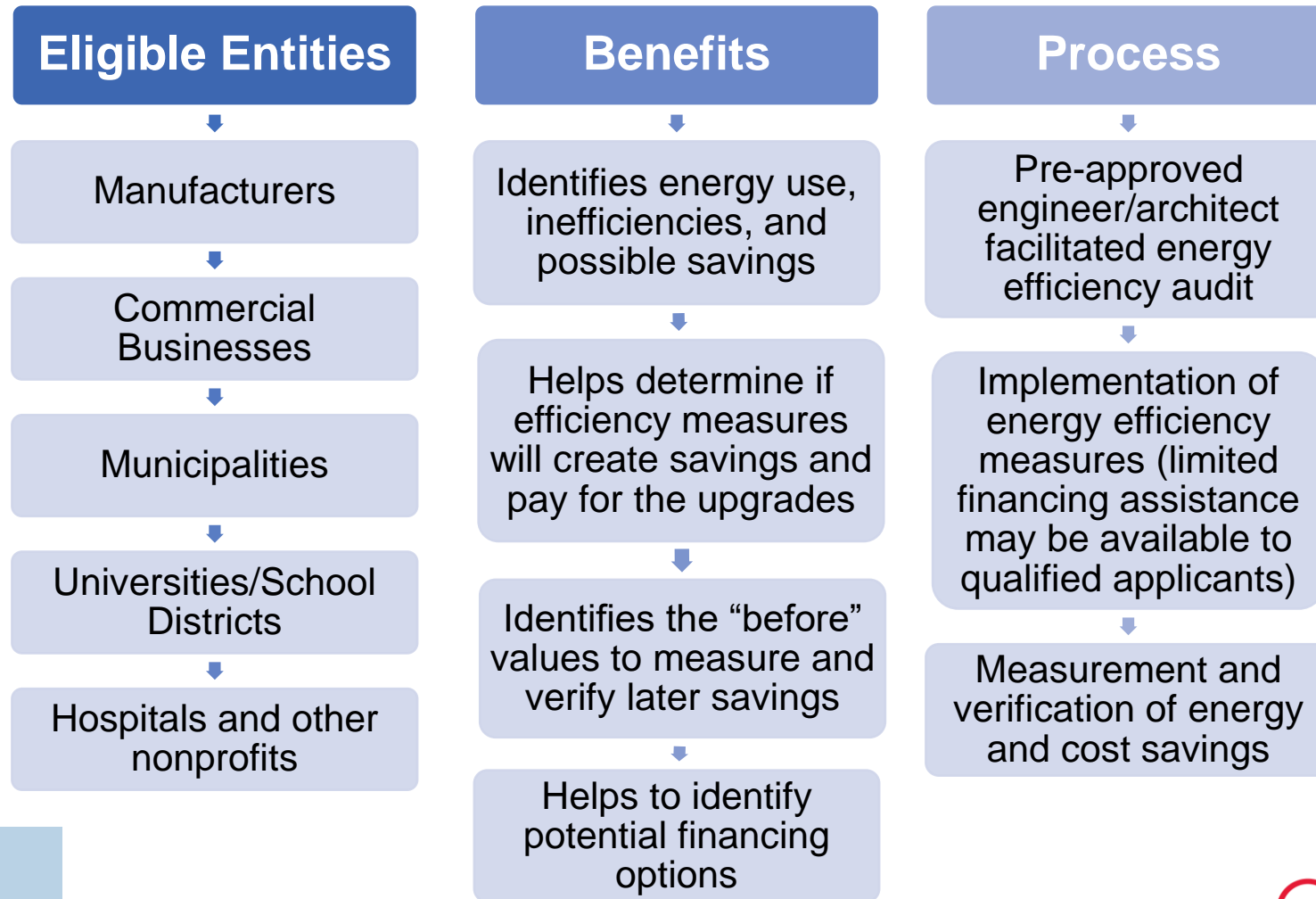
### North Canton, OH

Customer contact: David Koncsics



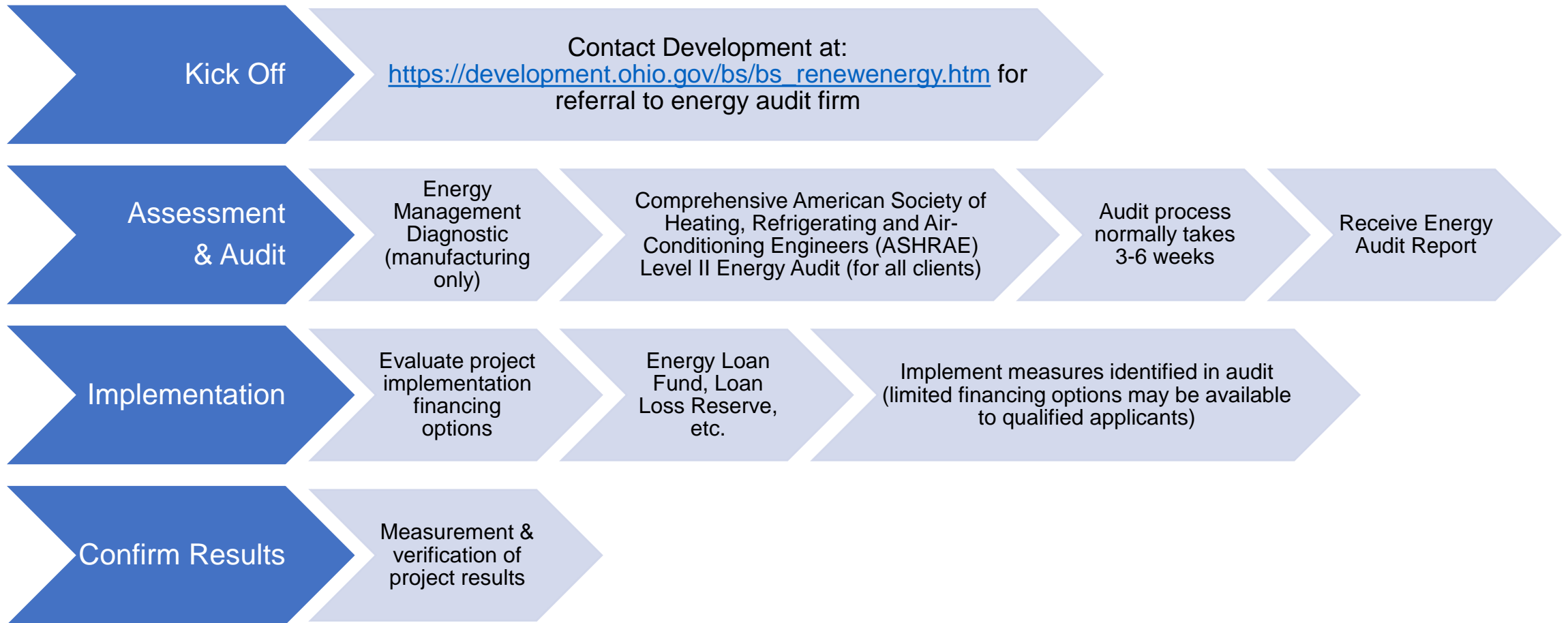
Baseline Energy Cost	\$555,656/year
Projected Energy Savings	\$166,067 (30%)
Estimated Project Costs	\$74,800
Rebate Potential	\$9,080
Simple Payback	.45 years
Compressed Air Savings	\$68,124 (12%)
HVAC Savings	\$55,265 (10%)
Production Savings	\$42,678 (7.7%)

# EEP Eligible Entities/Benefits/Process





# EEP Process



# EEP Process Detail

## Energy Management Diagnostic

- 1 to 2-hour meeting for manufacturing sites, with facilitator
- NO charge

## ASHRAE Level II Audit

- For manufacturing AND non-manufacturing sites

## Final Audit Report

- Existing facility conditions analysis
- Energy use patterns and utilities analysis
- Energy efficiency measures analysis & recommendations
- Potential funding strategies and resources (Energy Loan Fund, Loan Loss Reserve, etc.)
- Measurement & Verification strategies

# EEP Energy Audit Grants

	Manufacturers	Non-Manufacturers
Qualifications	All Ohio manufacturers	Facility > 10,000 sq. ft.
Development grant funding	75% of total audit cost, up to \$22,500	50% of total audit cost, up to \$15,000
Customer share	Remaining 25%, plus any amount >\$30,000	Remaining 50%, plus any amount >\$30,000
Development and client pay engineer/auditor directly		

# Energy Efficiency & Finance Programs Contacts

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