

Thanks to Our Sponsors





AMEREN ILLINOIS COMMERCIAL NEW CONSTRUCTION

Yash Pinapati, Sr. Program Manager

Marc Helm, Building Performance Consultant

Willdan

Meet the Willdan Team



Energy Efficiency
PROGRAM



Yash Pinapati
Program Manager



Jeff Glover
Program Outreach
Manager



Erica Talajkowski
Building Performance
Consultant



Marc Helm
Building Performance
Consultant



Nathan Lindberg
Verification Consultant



Dimitrios Mandilas
Building Performance
Consultant



Thi Phan
Building Performance
Consultant



Christie Steinbock
Program Support



New Construction Benefits



COMPLIMENTARY ENERGY DESIGN ASSISTANCE

Customized energy model that simulates energy use to identify strategies with the greatest impact and cost-effectiveness.



DESIGN TEAM INCENTIVE

We offer a design team participation incentive to offset design team time associated with program participation.



CONSTRUCTION INCENTIVE

Incentives for the building owner are based on the annual energy savings and can help lower costs of implementing strategies.

- Design assistance collaboration with design team
- Design team incentive offsets cost to participant
- Custom electric and gas incentives
- Willdan assists with paperwork

About the Process



Energy Efficiency
PROGRAM

STREAMLINED PROCESS TO ACCOMMODATE YOUR PROJECT SCHEDULE

1



ENROLL

Contact us to discuss project details.

2



PRELIMINARY ANALYSIS

Real-time evaluation of energy-efficiency improvements and bundled whole-building strategies.

3



FINAL ANALYSIS

Pick the best fit for your goals, and we'll analyze energy savings and eligible incentives.

4



VERIFY

We confirm your project was built to plan and issue a verification report.

5



EARN

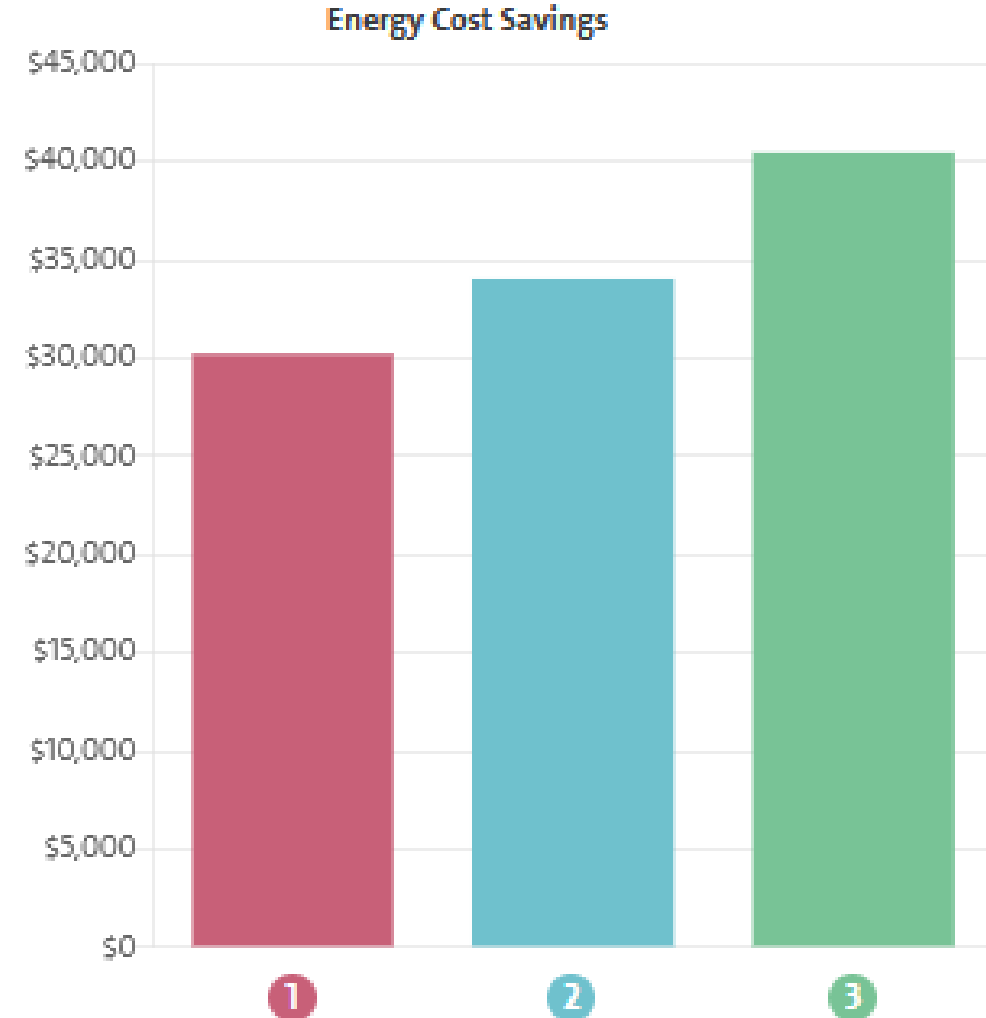
Utility provides incentives for your completed project.

Energy Design Assistance



Energy Efficiency
PROGRAM

- Design assistance helps teams evaluate design alternatives.
- Quantify:
 - Energy savings
 - Energy cost savings
 - Carbon savings
 - Incentive potential
 - Incremental cost
 - Payback



Energy Design Assistance



Energy Efficiency
PROGRAM

- Evaluate up to nine scenarios
 - Three mechanical systems
 - Three levels of efficiency for each system
- Interactive results meeting
 - Explore what is important to the team
- Detailed results report

Strategy	Savings vs Proposed		Inc. Cost ***	Payback yrs	Bundles ***
	Electric kWh	Energy Cost ▼			
30% improved heat pump cooling efficiency <i>Ground coupled Water-Air Heat Pump</i>	26,694	\$3,045	<u>\$25,049</u>	8.2	oo 1 2 3
DOAS Total heat recovery <i>Facility</i>	24,848	\$2,834	<u>\$4,306</u>	1.5	1 2 3
Exterior tradable site lighting reduced to 4.10 kW <i>Facility</i>	20,209	\$2,304	<u>\$9,494</u>	4.1	1 2 3
VFD on water source heat pump circulation pump <i>Facility</i>	19,885	\$2,269	<u>\$2,782</u>	1.2	1 2 3

Qualifications



Energy Efficiency
PROGRAM

- **New construction and major renovations**

- Gut renovations
- Replacing the entire mechanical system and lighting system

- Generally over 5,000 square feet
- During design phase
- Non-residential and multifamily

Successful project types

- Owner-occupied private businesses
- Large multifamily
- State facilities
- School districts
- Local government buildings
- Public and private college/university buildings

Timing



Energy Efficiency
PROGRAM

PLANNING AND DESIGN



Optimal time to enroll

CONSTRUCTION DOCUMENTS



Opportunities narrowing, but may still
be available

BIDDING/CONSTRUCTION



Too late for the CNC Program

Thank You



Energy Efficiency
PROGRAM



Willdan conducts outreach to approved leads projects.

How can the CNC program help you serve your customers?

Contact:

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