



Energy
Efficiency



Energy
Efficiency
Program

Housing Authority of the County of DeKalb Receives More than \$1 Million in Energy-Saving Incentives

Customer snapshot

Energy-saving improvements

- Electric heat pumps
- High-efficiency domestic hot water heaters
- Boiler replacements
- Furnace tune-ups
- Refrigerator replacements
- Air conditioner replacements
- Air sealing and insulation
- Exterior and interior LED lighting

Estimated annual savings

- 1,380,000 kWh
- 83,000 therms
- \$290,424

Project costs

- Total project cost = approximately \$2 million
- More than \$1,750,000 million in project incentives from ComEd and Nicor Gas
- Total customer cost = \$241,500

Project summary

Since 2018, the Housing Authority of the County of DeKalb has partnered with ComEd and Nicor Gas to bring energy-saving improvements to many of its properties through the Multi-Family Energy Savings offering. As a result of its strong commitment to help its tenants save money and



These incentives are key to assisting us with maintaining safe and healthy environments for our residents. ComEd and Nicor Gas have been wonderful partners and our residents have benefited additionally in the form of reduced utility bills each month.



David Siegel
Executive Director
Housing Authority of the County of DeKalb

increase their comfort, ComEd and Nicor Gas recognized the housing authority with the first-ever Multi-Family Energy Savings Premier Partner Award in September 2024.

The projects began with a free property assessment that revealed opportunities for energy-saving improvements. Over the last few years, the utility partners outfitted more than 900 tenant units with a host of natural gas and electric improvements, including new electric heat pumps, boilers, hot water heaters, air conditioners, and sealing and insulation improvements.

Housing Authority of the County of DeKalb

Project summary cont.

"People have told me they've seen a 14 to 30% reduction in their utility costs, which is what it's all about," said Randy Bourdages, capital projects, contracts and procurement manager for the Housing Authority.

The team recently completed a large weatherization and health and safety project at one of the housing authority's properties. Weatherization projects, which result in significant electric and natural gas savings, have already made a difference in tenants' lives.

"I heard from people within a couple of days of starting the weatherization work," said Bourdages.

"They could notice a drastic difference, especially on the second stories, because once that extra insulation got in place, they could tell that their upstairs units were much cooler."



The projects completed have been a win-win for the Housing Authority and its tenants, producing more than \$290,000 in annual energy savings. The amount of energy saved from these improvements is equivalent to planting over 1,500 acres of trees or removing close to 400 cars from the road each year.

Estimated Annual Project Savings			
Projects	Units Installed	kWh Savings	Therm Savings
Electric heat pumps	38	559,706	N/A
Domestic hot water heaters	4	N/A	115
Boiler replacements	3	N/A	7,438
Boiler and furnace tune-ups	112	N/A	3,771
Refrigerator replacements	258	168,139	N/A
Air conditioner replacements	156	21,479	N/A
Air sealing and insulation	301,268 (sq. ft.)	545,072	71,452
Exterior and interior lighting upgrades	326	82,463	N/A
Direct install products	78	1,848	373
New variable speed drive	1	1,340	N/A
TOTAL		1,380,045	83,149

Schedule your free energy assessment today!

Call 855-993-0940 or visit multifamilyportal.com.



Estimated annual savings are calculated using \$0.17/kWh and \$0.6713/therm.

Individual cost savings are not guaranteed and will vary based on weather, energy usage habits and rates. Terms and conditions apply. Offers are subject to change.

This program is funded by ComEd and Nicor Gas customers in compliance with state law.