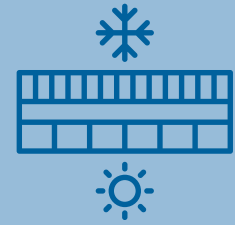


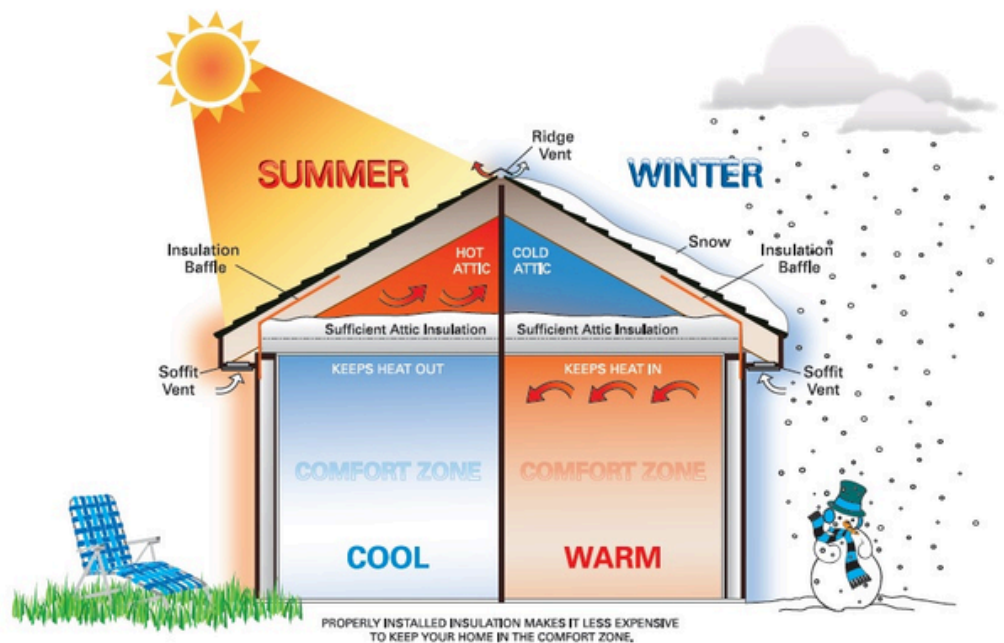


Attic Insulation Information



Why should I insulate my attic?

According to Energy Star, sealing and insulating the "envelope" or "shell" of your home—its outer walls, ceiling, attic, windows, doors, and floors—is often the most cost effective way to improve energy efficiency and comfort. A knowledgeable homeowner or skilled contractor can save up to 20% on heating and cooling costs (or up to 10% on total annual energy bills) by sealing and insulating their home. Without adequate insulation and air sealing, an HVAC system will need to work harder to maintain indoor temperatures. In the heat of the summer, this means that cool air conditioning can escape while warm air comes in. In the cold of the winter, this means that the warm heating can escape while cold air comes in.



Source: Energy Star

Air sealing

Air sealing ensures that there are not significant leakage points in the attic insulation. The purpose of attic insulation is to prevent the loss of heating and cooling. Without air sealing, the attic insulation cannot produce its maximum energy savings because leakage points likely still exist.

Caulking and weatherstripping are two simple and effective air-sealing techniques that offer quick returns on investment, often one year or less. Caulk is generally used for cracks and openings between stationary house components such as around door and window frames, and weatherstripping is used to seal components that move, such as doors and operable windows.



Attic Insulation Incentive Program

General program information

City of Naperville Electric Utility residential customers are eligible for this program, which incentivizes homeowners to upgrade their attic insulation to a regional recommendation of R-49 and air seal the attic. New builds are not eligible, as this program is only for existing homes. Awards (up to \$2,500) are limited to \$1 per square foot of the attic insulation area installed **OR** 50% of ELIGIBLE project cost, whichever is less.

What are the eligibility requirements?

Residential customers of the Electric Utility and the owners or renters of their residence are eligible for incentives. You will need to provide your utility account number when applying. 100% complete applications with required documentation must be received within 120 days of installation. New construction not eligible. One incentive per household.

Attic insulation must meet a minimum of R-49, or 15"+ of insulation material and include air sealing.

Eligible applicants must be a contributor to the Renewable Energy Program at time of application to qualify for the incentive and are required to continue contributing a minimum of \$5 per month for at least 5 years following the award.

What do I need to do?

Bring attic insulation to a minimum of R-49 or 15" and air seal the attic.

Fill out the application via the GOVQA portal. If you run into issues with the portal or require an alternative, please contact the program administrator.

Once an application has been submitted and the incentive application is fully processed, customers will receive their incentive within two months.

Required Documentation

- A copy of your dated, itemized, paid purchase receipt
- Proof of contribution to Renewable Energy Program (utility bill)

Be prepared to provide the following information:

- Homeowner name and address
- Utility account number
- Installation date and contractor



Application Portal

https://napervilleil.mycusthelp.com/webapp/_rs/requestopen.aspx?rqst=113

Program Administrator

Payton Schield, Sustainability Specialist
SchieldP@naperville.il.us | 630-305-5357

400 S. Eagle St, Community Services Department



Attic Incentive: FAQ



What does “eligible costs” include?

Eligible costs include material and installation for attic insulation, attic air sealing, and attic interior ventilation chutes.

Ineligible costs and any incentives or discounts received will be deducted from total costs when calculating incentive amount. Costs such as mold remediation, duct sealing, bathroom sealing, etc. are NOT eligible costs.

Eligible costs apply to living space attic, not garage attic. New construction is NOT eligible.

What is R-Value?

According to Energy Star, “insulation levels are specified by R-Value. R-Value is a measure of insulation’s ability to resist heat traveling through it. The higher the R-Value the better the thermal performance of the insulation.”

According to the Department of Energy, “An insulating material’s resistance to conductive heat flow is measured or rated in terms of its thermal resistance or R-value -- the higher the R-value, the greater the insulating effectiveness. The R-value depends on the type of insulation, its thickness, and its density. The R-value of most insulations also depends on temperature, aging, and moisture accumulation. When calculating the R-value of a multilayered installation, add the R-values of the individual layers.”

The City of Naperville falls within IECC climate zone 5A. For the incentive, a minimum R-Value of R-49 is required, but upgrading to R-60 is recommended for higher comfort and efficiency.



Attic Incentive: FAQ



Why is air sealing a requirement?

Air sealing ensures that there are not significant leakage points in the attic insulation. The purpose of attic insulation is to prevent the loss of heating and cooling. Without air sealing, the attic insulation cannot produce its maximum energy savings because leakage points likely still exist.

Can I self-install?

Yes, you can self-install your attic insulation for the incentive. Because the only eligible costs involved in a self-installed project would be for the insulation materials, incentive award amount will likely be lower.

Why does the incentive not include garage attic?

The living space attic separates a cooled/heated space from an outdoor space, while garage attic separates a space without heating/cooling from an outdoor space. The goal of the attic insulation incentive is to save energy through keeping heating/cooled air inside the home. Garage attic insulation does not accomplish this goal. Although some garages may have heating/cooling, the incentive program does not have the means to confirm this from applicant to applicant.

Do I have to use a specific contractor?

No. If a resident is interested in taking advantage of both the City incentive and the Nicor incentive, Nicor does require specific contractors. Make sure to carefully review both programs' requirements before signing your contract if you plan on applying for both incentives.