

RESIDENTIAL ENERGY COST ANALYSIS FOR GREATER ILLINOIS REGION

This analysis summarizes current and projected residential natural gas and electricity prices using data from the U.S. Energy Information Administration (EIA) and compares energy bills for the typical single-family homes in the Chicago area. Prices in the broader East North Central region closely track Illinois' averages, offering a good indication of expected household energy cost trends across much of the Midwest.

In 2025, the average EIA-reported residential prices in Illinois were:

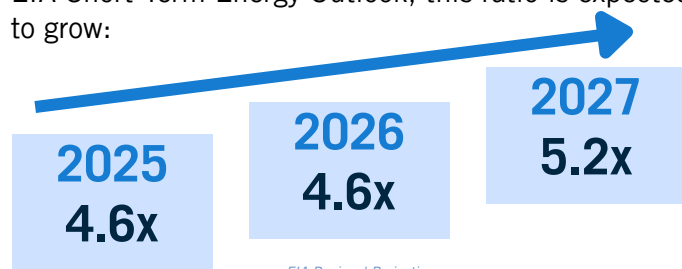
Natural Gas

\$11.25 per Mcf

Electricity

17.69 Cents per KWh

On an energy-equivalent basis, this means electricity costs about **4.8 times** more than natural gas (with a regional average of about 4.6x). Based on the current EIA Short-Term Energy Outlook, this ratio is expected to grow:



Month	Natural Gas Price \$/Mcf	Electricity Price cents/kWh	Natural Gas Price \$/MMBtu	Electricity Price \$/MMBtu	Electricity to Gas Ratio
January-25	\$8.18	\$15.78	\$7.89	\$46.25	5.9x
February-25	\$9.22	\$16.47	\$8.89	\$48.27	5.4x
March-25	\$10.91	\$17.55	\$10.52	\$51.43	4.9x
April-25	\$13.55	\$18.28	\$13.07	\$53.57	4.1x
May-25	\$16.28	\$18.58	\$15.70	\$54.45	3.5x
June-25	\$20.67	\$18.29	\$19.93	\$53.60	2.7x
July-25	\$22.77	\$17.22	\$21.96	\$50.47	2.3x
August-25	\$23.18	\$18.06	\$22.35	\$52.93	2.4x
September-25	\$21.51	\$19.05	\$20.74	\$55.83	2.7x
October-25	\$15.45	\$18.74	\$14.90	\$54.92	3.7x
November-25	\$10.56	\$18.31	\$10.18	\$53.66	5.3x
December-25	\$9.48	\$17.07	\$9.14	\$50.03	5.5x
January-26	\$9.65	\$16.36	\$9.31	\$47.95	5.2x
February-26	\$11.40	\$17.83	\$10.99	\$52.25	4.8x
March-26	\$12.10	\$18.86	\$11.67	\$55.27	4.7x

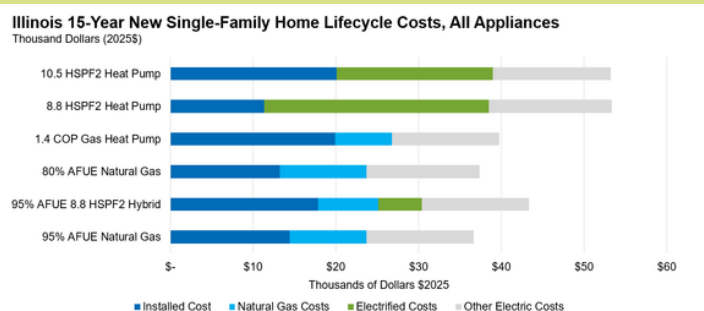
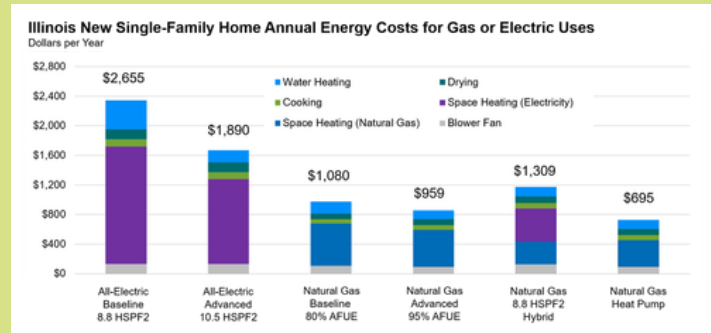
Source: EIA Short Term Energy Outlook, November Release

Average Energy Costs During Winter Storm Fern

Seasonal patterns make natural gas even more attractive for space heating. While the average electricity to gas price ratio is projected to be around 4.8x in 2026, it may drop to about 2.4x in summer and rise to about 5.4x in winter.

Illinois First-Year Cost Analysis for New Single-Family Homes

Using the energy-use methodology outlined in the AGA Building for Efficiency report and applying monthly regional price projections, estimated heating costs were calculated for typical new single-family homes in the Greater Illinois area. Based on these projections, **households using natural gas for space heating could see winter cost savings between approximately \$945 and \$1,575 compared with using an air-source heat pump.**



Source: AGA Modeling