



Energy Efficiency
PROGRAM

Considering an Air Source Heat Pump?



Air source heat pumps (ASHPs) offer highly efficient heating and cooling in one integrated system. ASHPs are air conditioners that pump heat out of your home in the summer. They reverse in the winter, becoming heaters that pump heat into your home. Heat pumps are so efficient because they transfer heat rather than generate it. By installing an air source heat pump to offset heating from propane and natural gas, you may be able to save on your annual heating cost. Before you change your system to be completely electric, you'll want to talk to your trusted heating, ventilation and air conditioning contractor. Having a propane or natural gas backup may still be right for you depending on your desire for cost savings versus switching to fully electric based on the desire to reduce greenhouse gas emissions.

Air Source Heat Pump Fuel Switching - Savings Per Year

North Central Illinois - e.g. Peoria Area

Displacement	ASHP Efficiency	Propane	Natural Gas
Partial	Low	\$395	up to \$18
Partial	High	\$640	up to \$119
Full	Low	Cost of \$672	cost of \$1,979
Full	High	\$42	cost of \$1,265

Southern Illinois - e.g. St. Louis metro and Marion Illinois

Displacement	ASHP Efficiency	Propane	Natural Gas
Partial	Low	\$350	up to \$44
Partial	High	\$610	up to \$186
Full	Low	Cost of \$141	Cost of \$1,005
Full	High	\$344	Cost of \$519

Displacement is referring to whether the original heating fuel (propane or natural gas) is displaced partially or fully by the heat pump.

These projected bills are estimates, and not guaranteed. The bill savings may not be an accurate representation of the actual savings due to variances in equipment, assumptions in home performance, cost of energy or other energy use. Ameren Illinois, its parent, affiliates and subsidiaries, and their directors, officers, employees, contractors or agents shall not be liable to the customer for the failure to achieve energy impacts in general or as listed above. Low efficiency ASHP is assumed to be 15.2 SEER2 and 8.1 HSPF2. High efficiency ASHP is assumed to be 20 SEER2 and 10.1 HSPF2. Partial displacement propane switchover temperature is assumed to be 32 °F. Cost savings require optimal setup of switchover temperature.

Visit AmerenIllinoisSavings.com/HeatPumps
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