

nationalgrid

# Upstate New York Electric Heat Program

## Heat Pumps



## Save Energy. Save Money.

Lower your energy usage and bills all while reducing your carbon impact with an electric heat pump heating and cooling system.

### Do you currently use oil, propane, or electric resistance to heat your home? Or window air conditioning for cooling?

There are better, more efficient options! National Grid provides incentives (per ton) for qualifying air and ground source heat pumps.

### How do heat pump heating and cooling systems work?

Heat pumps extract heat from the air or ground outside and distribute it inside your home. During warmer months the process is reversed. Heat is pulled from your interior space and released outside. These systems are highly efficient and can generate savings up to 30%!

### Do air source heat pumps work in cold weather?

Yes, the high efficiency units that qualify for National Grid rebates are cold climate rated. Some are rated to work in temperatures as low as -15°F.

### What are the benefits?

- **Lower energy usage.** Heats and cools your home more efficiently than traditional HVAC systems like oil, propane, and electric resistance.
- **Increased comfort.** Heat pumps provide quiet, even heating and cooling throughout your home.
- **Low maintenance.** Systems last longer than conventional HVAC units and require minimal maintenance.
- **Clean, healthy and safe.** No combustion of fossil fuels, no fuel storage, no emissions, and no risk of carbon monoxide fumes.



Quiet, efficient heating



Better for your health  
and the environment



Lower energy usage  
means more savings



Satisfied Customers

*We waited a long time to make the investment, but we wish we had done it sooner. It keeps us cool all summer with no impact on our electric bill. We also have been using our furnace less and keep our heating expenses down.*

*– Sue Kovage, Homeowner*

### Customers should consider installing heat pumps if:

- Currently using oil, propane, or electric resistance for heating and cooling.
- Experiencing hot or cold spots in your home
- Your heating or cooling system is approaching end of life
- Undergoing home renovations
- Interested in adding cooling to existing system

### Incentives

Space Heating Products Measure Description	Incentive	SEER	HSPF	Cooling EER	Heating COP at 5° F
Cold Climate AS Central Heat Pump	\$200 per ton	>=18.0	>=10	12.5	1.75
Cold Climate AS Central Heat Pump	\$350 per ton	>=20.0	>=10	12.5	1.75
Cold Climate Ductless Mini-Split Heat Pump*	\$200 per ton	>= 18.0	>= 10	12.5	1.75
Cold Climate Ductless Mini-Split Heat Pump*	\$375 per ton	>= 22.0	>=10	12.5	1.75
GSHP (Lower Rating)	\$200 per ton	N/A	N/A	17.1 to less than 21.1	3.1 to 4.1
GSHP (Higher Rating)	\$400 per ton	N/A	N/A	21.1 or Greater	3.1 to 4.5

Water Heating Products Measure Description	Incentive
Energy Star Heat Pump Water Heater - 50 gal	\$300.00
Energy Star Heat Pump Water Heater - 80 gal	\$300.00

### Program Details

Total incentive amount not to exceed \$1,100 for ASHP or \$1,500 for GSHP (installations per project).

- SEER–Seasonal Energy Efficiency Ratio.
- EER–Energy Efficiency Ratio is a measure of instantaneous cooling efficiency.
- HSPF–Heating Seasonal Performance Factor is a ratio of a central heat pump’s heat output to electricity use over an average heating season.
- Rounding up of SEER/EER ratings and Tonnage is not acceptable.

For more information on customer eligibility and qualifying systems, visit: [ngrid.com/uny-heatandcool](http://ngrid.com/uny-heatandcool)

Additional ground source incentives are available from New York State Energy Research and Development Authority (NYSERDA).

\*Mini-split heat pump units that only provide cooling are not eligible.

UNY residential program offerings are subject to change without notice and the program may be terminated due to funding constraints at any time. Our implementation vendor, RISE Engineering, is an experienced energy efficiency service provider and the implementation contractor for this program. The ASHP(s) must appear on Cold Climate Air-source Heat Pump (ccASHP) specification listing at the time of installation. GSHP must be ENERGY STAR® and AHRI rated.