



## How much could you save by switching to a heat pump?

For someone living in

Ontario

where the grid is mostly nuclear and hydro, switching from

Natural gas

will save...

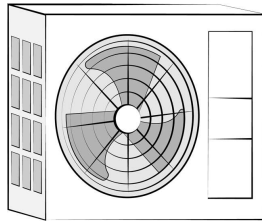
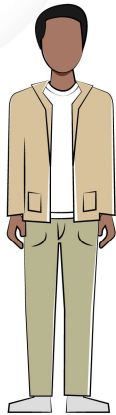
**\$814**

Annual savings for the average house

**60%**

Reduction to the average household's annual GHG emissions

That's **4,252 kg** of CO<sub>2</sub> equivalent



Add the savings from cutting off your gas line



**HOUSEHOLDS** Emission reductions and savings were calculated for single detached houses. They will be somewhat smaller for other forms of housing.

**NEGATIVE NUMBERS** In provinces with carbon-intensive electricity grids, there are no emissions reductions when switching from some fossil fuel-burning appliances to electrical ones. In these provinces, a household produces fewer emissions by burning fossil fuels locally than using electricity generated by burning fossil fuels elsewhere. As their grids get cleaner, this will no longer be the case.

**ALBERTA GRID** Grid carbon intensities were calculated using 2020 data. While these figures do not generally change quickly, Alberta is an exception. The amount of coal being burned in Alberta is declining rapidly and may be completely phased out by the end of 2023. As a result, the electricity may now be clean enough so that the negative impact for some of these technologies will have already switched to being positive.