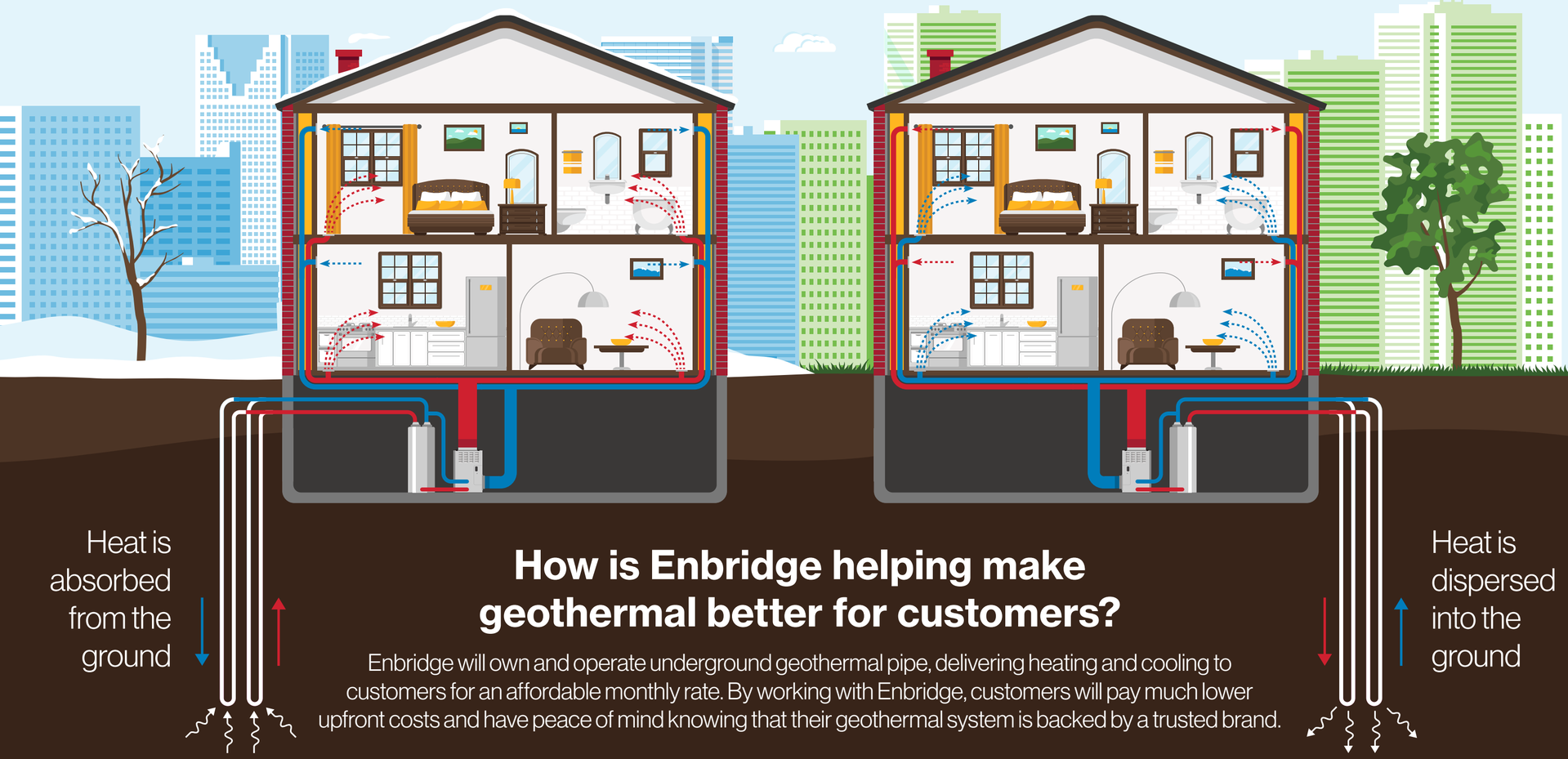
How Does Geothermal Heating And Cooling Work?

In the winter

Heat from the ground is absorbed into pipes laid beneath the ground and circulated through the home.

In the summer

The process is reversed; heat removed from the house is circulated down to the Earth, cooling the house.



Heat is absorbed from the ground

Heat is dispersed into the ground

How is Enbridge helping make geothermal better for customers?

Enbridge will own and operate underground geothermal pipe, delivering heating and cooling to customers for an affordable monthly rate. By working with Enbridge, customers will pay much lower upfront costs and have peace of mind knowing that their geothermal system is backed by a trusted brand.

What are the benefits of a geothermal heating and cooling system?

Geothermal energy uses less energy to operate; systems can be 3 to 4 times as efficient as conventional heating and cooling systems.

Geothermal heating releases much fewer greenhouse gases than natural gas, oil, propane or conventional electric heating and cooling.

Customers can expect a lower energy bill than a traditional heating and cooling system, particularly customers currently using oil, propane or electric heat.

Natural gas customers would pay about the same for their heating and cooling, while significantly reducing their carbon footprint.

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