



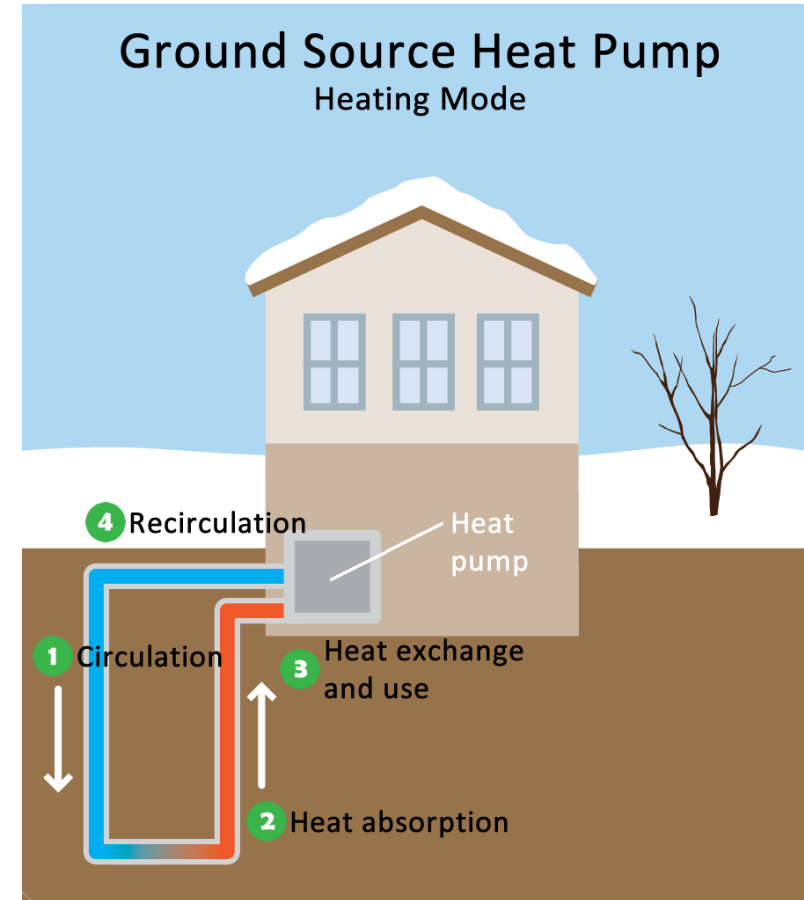
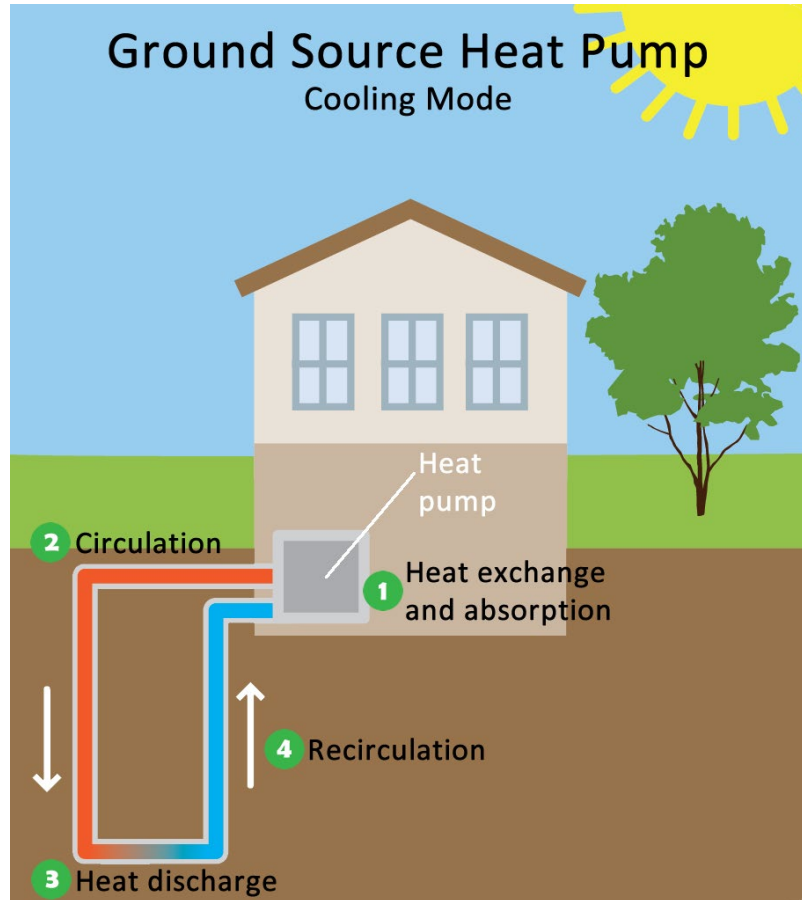
# **Ann Arbor District Geothermal Feasibility Study**

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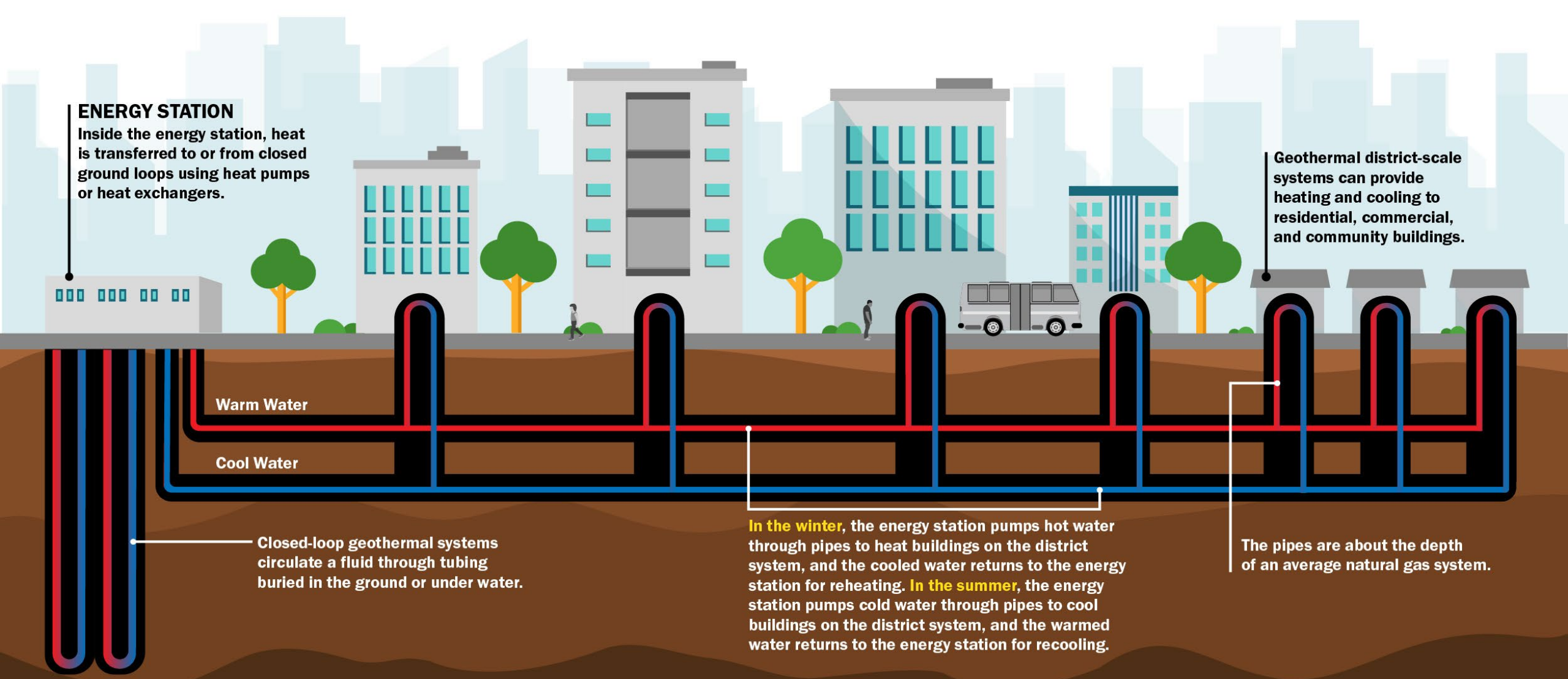
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- 1. What is Geothermal?**
- 2. Project Overview**
- 3. Study Goals**
- 4. Questions and Discussion**

# Geothermal Heating and Cooling



Images: US EPA



# Geothermal District Heating & Cooling 101

This illustration is one configuration of a geothermal district heating and cooling (GDHC) system, in this case using geothermal heat pumps. There are many other GDHC solutions that might also work for your community.

Image: US DOE

8/7/2024

District Geothermal Feasibility Study

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# Bryant Geothermal





# Getting Started



# Request for Proposal



- **RFP #25-65**
- **Three goals**
  - **Geothermal technical advisor - answer specific geothermal questions**
  - **Owner's Advisor - evaluate plans and provide insight on geothermal deployment**
  - **Feasibility Study - collect city-wide data and assess the feasibility of district geothermal in Ann Arbor**

# Feasibility Study



- 1. Pre-feasibility Screening Assessment and Model Creation**
  - Develop pre-feasibility screening tool
  - Assess the feasibility of district geothermal in different geographic areas of Ann Arbor
- 2. Detailed Feasibility Study at Three Locations**
  - Using results from screening, select three target areas
  - Conduct in-depth feasibility study on sites
- 3. Technoeconomic Study**
  - Evaluate construction costs, funding support, and life cycle costs



# Selection



RFP #23-65

## City of Ann Arbor, MI – Geothermal Advisory Services

Ann Arbor, Michigan

December 13, 2023





# THANK YOU

Questions?