

Pros & Cons

The capital cost of geothermal systems is relatively high because of the expense associated with drilling boreholes up to 400 ft below ground level.

Geothermal systems are highly efficient, and can reach a Coefficient of Performance (COP) of between 3-6, producing up to 6 units of heat per unit of energy consumed. Geothermal systems are only viable options when there is a promising location for a boreholes and deep drilling.

System	Capital Cost	Energy Cost	Suite Noise	Floor Space Impacted	Submetering	Fuel Flexibility	Temperature Control
Ground Source Heat Pump	High	Low	Moderate	Central System	Inexpensive	Low-cannot convert	Slow