current state:
Heating and cooling are separate systems.

Heat for tap water and indoor air comes from burning natural gas.

Chilling for indoor air comes from consuming electricity.

future state:
Heating and cooling systems are tied together and heat is passed between them.

Waste heat from chilling is sent to the heating loop.

Electricity runs chillers and heat pumps

Heat pumps transfer heat from one source (such as a sewer line or Lake Washington) to another to either cool or heat as needed.