

Renewable Thermal Energy

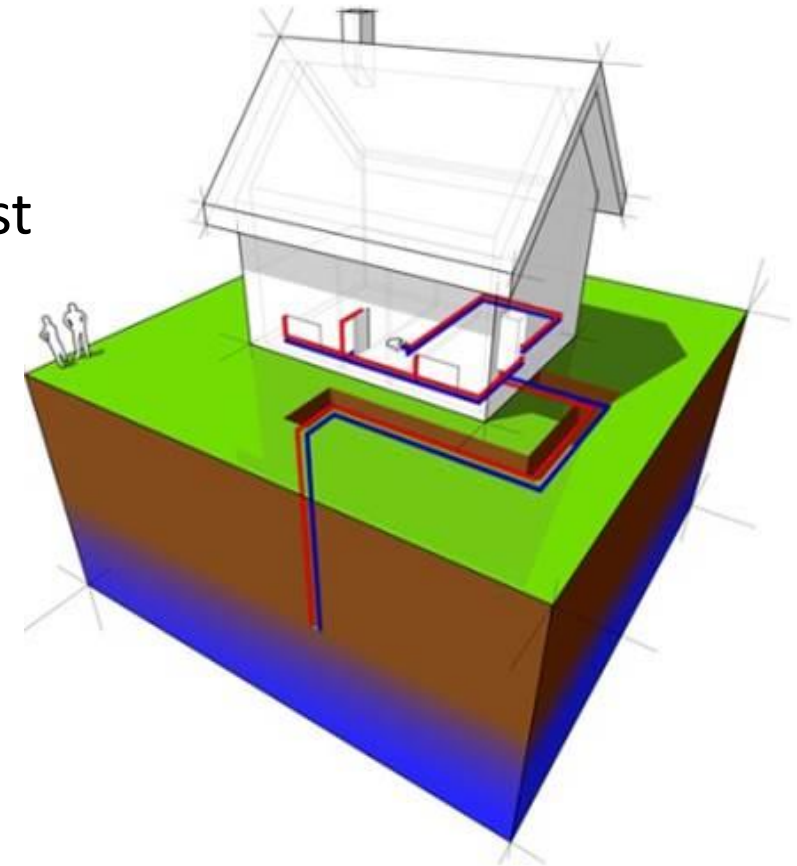
Ground Source Heat Pumps (GSHP)

GSHP Potential:

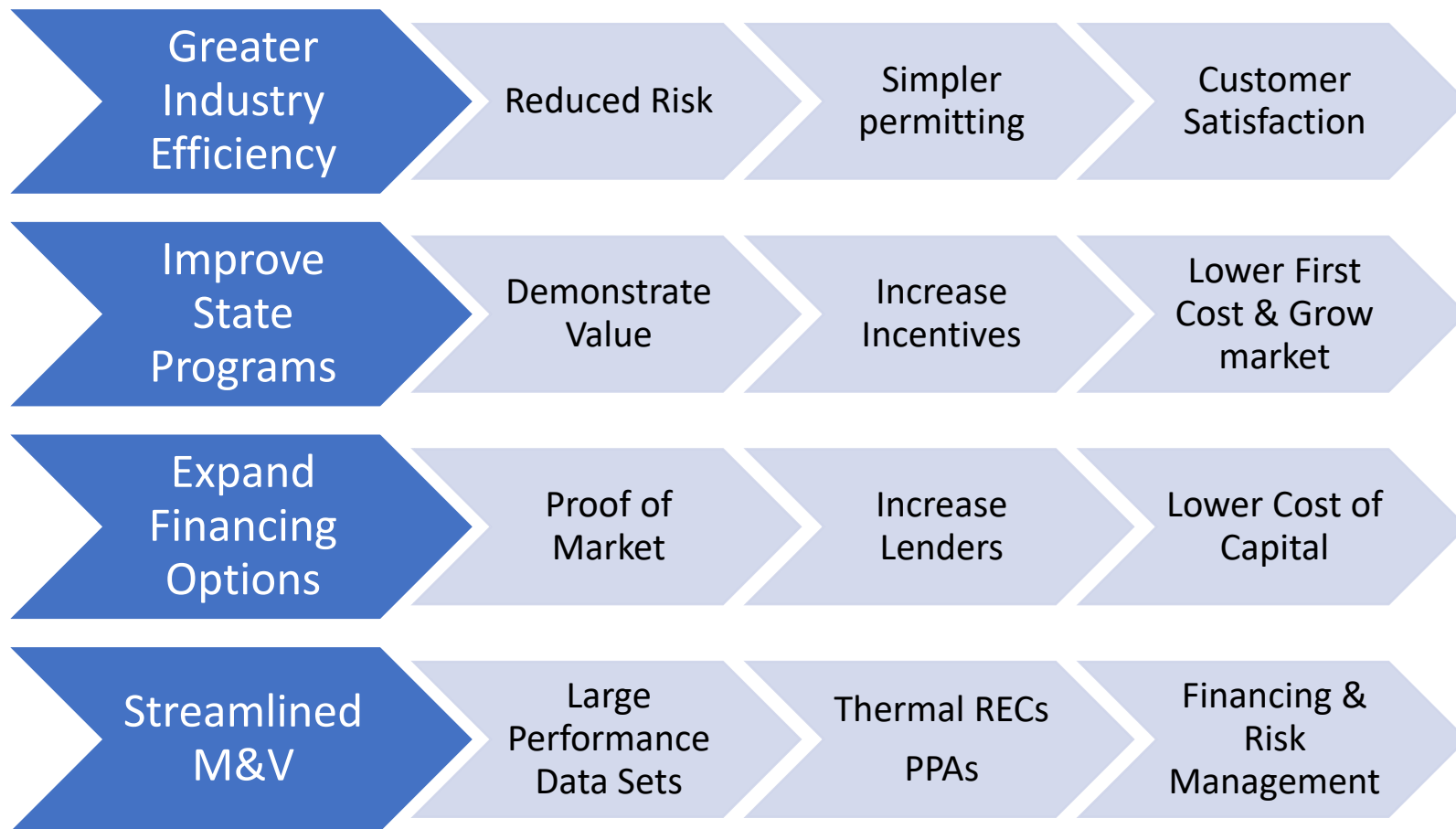
- 10.8M homes in U.S. heating oil or propane
- Consuming 7.2 billion gallons annually (\$20B)
- Emitting 70 million metric tons CO₂ annually
- GSHPs can deliver complete heating for half the cost and one-third of the emissions

GSHP Market Barriers

- Consumer Awareness
- Confidence in Performance
- Upfront Cost
- Lack of Financing



Market Building Interventions Related to Performance Data



Summarized from: *Energy Resource Solutions & Dunsky Energy Consulting, 2019, Renewable Heating and Cooling Financial Solutions Market Research, Final Report, prepared for NYSERDA*

oTherm Conceptual Overview

