

Geothermal
INDUSTRIES

ENERGY EFFICIENCY IS OUR "CORE" BUSINESS

Case Study

Geothermal Industries is the leading specialized Geothermal company operating in the Australian market. We are a vertically integrated business with design capabilities, qualified installation technicians and a fleet of drilling rigs capable of all project requirements.

VISION

Our vision is to create the most energy efficient heating and cooling systems across Australia, one building at a time. Our geothermal energy solutions guarantee this time and time again for builders, developers, municipalities and homeowners. By leveraging the Earth's stored energy and replenished thermal energy we turn your project into a Thermal Energy Assets that has the ability to harvest, store and re-use renewable energy.

Geothermal Industries prides itself in delivering an incredibly secure supply of efficient, renewable energy and an additional, perpetual source of income for asset owners.



Geothermal Technology Focus

Geothermal Industries Ongoing Impact



Kg CO2 Savings:
2,140,410kg



Equivalent Cars taken
off the road:
1502



Coal Burning Eliminated:
3,480,000kg of coal



Meters Drilled to date:
359,520m



Drill Fleet Size:
6



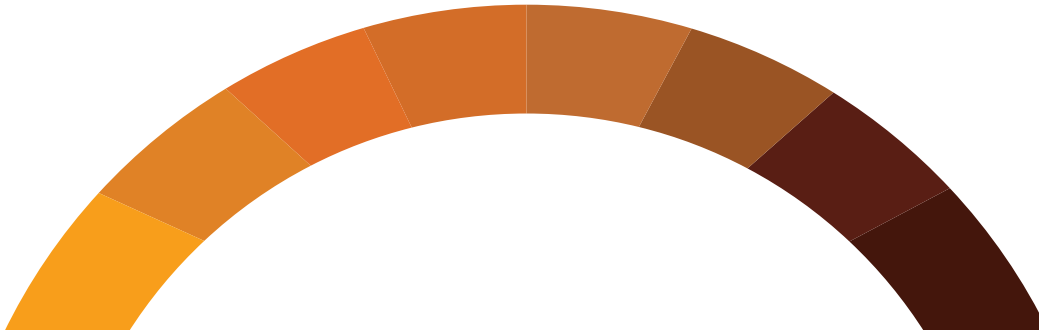
\$ Savings for clients
to date:
\$28M+



Average Installed
System Efficiency:
450%



Average System
Payback Period:
7 yrs



Key Reasons for selecting a Geothermal System

01

Electrical
Energy
Savings

02

Building
Comfort

03

Elimination
of outdoor
plant

04

Minimal
Refrigerant
Usage

05

Reduced
Maintenance
Costs

06

Environmentally
conscious image

07

Future
Proofing

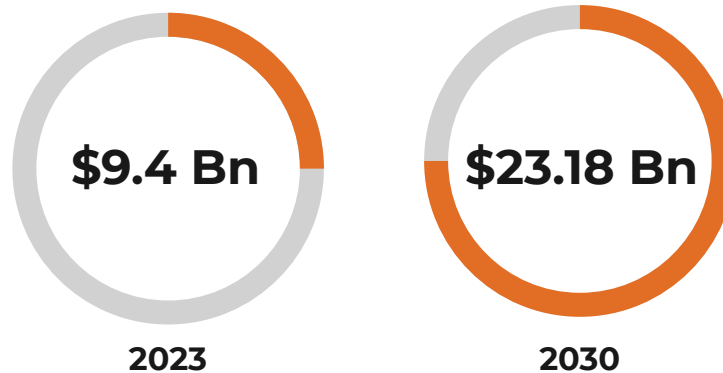
Estimated Savings compared to similar air source systems

THE NUMBERS

*CONSUMERS AND CLIENTS WERE DRIVING
NEW ADOPTION IN 2023*



GLOBAL GSHP MARKET PROJECTION



The global ground source heat pump market is expected to grow at CAGR of 9.4 % from 2023 to 2030.
(Digital Journal)

RESIDENTIAL GEOTHERMAL

(200m²)



Up to **100%** more efficient
at home cooling



Up to **60%-80%** more efficient
at home heating



Average energy savings for a 200m²
home, heating/cooling/hot water is
\$4462/yr

COMMERCIAL GEOTHERMAL

(2000m²)





COMMERCIAL GEOTHERMAL

(2000m²)

Up to **70%-80%** more efficient at building heating & cooling

Average energy savings for a 2000m² building, heating/cooling/hot water is
\$37,000/yr

Maintenance Savings of **\$3000** per year on average

Operating cost savings over 20 years =
\$1,070,656+

Based on Average construction and building operation in Australia