



# GEOTHERMAL

OFC's power plants all produce geothermal energy.

Geothermal energy is a clean, renewable and generally sustainable form of energy derived from natural heat deep in the earth's crust. Electricity produced from geothermal energy sources is generated without emissions of certain pollutants such as nitrogen oxide - and with far lower emissions of other pollutants such as carbon dioxide - unlike electricity produced by burning fossil fuels.

Electricity produced from geothermal energy sources therefore plays a far smaller role in local and regional incidences of acid rain and global warming, compared with energy produced by burning fossil fuels.

Geothermal energy is also an attractive alternative to other energy sources in a strategy to avoid dependence on any single energy source or politically sensitive supply sources.

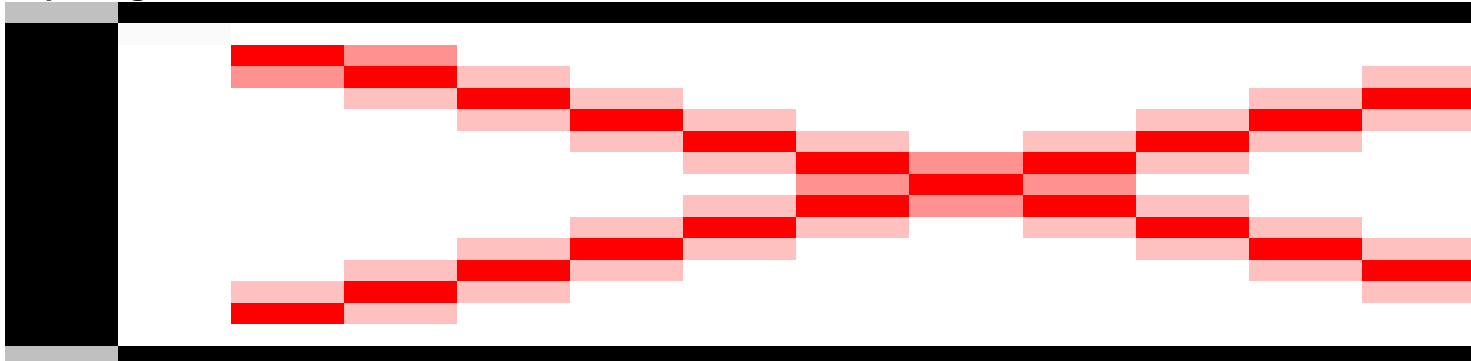
Once drilling of geothermal wells is complete, the geothermal plant is not exposed to fuel price or fuel delivery risk.

These characteristics provide a competitive advantage over fossil fuel-based electricity generation as countries increasingly seek to balance environmental concerns with demands for reliable sources of electricity.

Geothermal energy is an attractive alternative to other sources of energy as part of a national diversification strategy to avoid dependence on any one energy source or politically sensitive supply sources. There has been an increasing call for geothermal energy over the past decade as the demand for renewable energy has grown out of environmental concerns and government incentives for utilities to sell electricity generated from renewable sources. In particular, the California and Nevada legislatures have mandated targets for renewable energy sales by utilities.

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