

Geothermal Installations

Geothermal electricity generated from geothermal energy. Technologies in use include; dry steam power plants, flash steam power plants, and binary cycle power plants. Geothermal power plants do not burn fuel to generate electricity, therefore their emission levels are very low. They release less than 1% of the carbon dioxide emissions of a fossil fuel plant. Geothermal plants use scrubber systems to clean the air of hydrogen sulfide that is naturally found in the steam and hot water. Geothermal plants emit 97% less acid rain-causing sulfur compounds than are emitted by fossil fuel plants. After the steam and water from a geothermal reservoir have been used, they are injected back into the Earth.

The following links provide additional further information:

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General information about geothermal energy

AGEA Australian Geothermal Energy Association Inc

<http://www.agea.org.au/geothermal-energy/about-geothermal-energy/> (AGEA Australian Geothermal Energy Association Inc)

The Australian Geothermal Energy Association web site gives brief information about geothermal energy and applications. Australian project overview information has take place also on the web site.

[Geothermal - General](#)
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Geothermal Energy - Generating heat energy from the earth

<http://www.alternative-energy-news.info/technology/heating/> (Geothermal Energy - Generating heat energy from the earth)

Information about different up-to-date technologies about geothermal energy production

and applications is available on this website. Data for heat pump types, geothermal cop and ground heat information is also available.

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Geothermal Energy Association

<http://www.geo-energy.org/> (Geothermal Energy Association)

The Geothermal Energy Association is a trade association composed of U.S. companies developing Resources worldwide for electrical power generation and direct heat uses. The web-based site contains resource information about power plant, developing projects, geothermal heat pumps and resource maps highlighting areas with potential for electric generation and direct use applications.

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IGA Международная геотермальная ассоциация

<http://www.geothermal-energy.org/> (IGA Международная геотермальная ассоциация)

Международная геотермальная ассоциация, является научной и культурной организацией, созданной для работы во всем мире, в нее входят более чем 5000 членов из 65 стран. На сайте представлена информация о характере геотермальной энергии с приложениями. Интерактивная карта геотермальных ресурсов мира, а также список стран производителей геотермальной электроэнергии.

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Geothermal Technology (3)
Information about geothermal power production technologies

Geothermal Technologies Program: Technologies

<http://www1.eere.energy.gov/geothermal/technologies.html> (Geothermal Technologies Program: Technologies)

The US Geothermal Technologies Program website provides information about geothermal potential in US with free software and data for simple calculations. Some laws and standards referring to the geothermal energy projects development are available on web site. Information about different technology area projects is also accessible.

Geothermal Technology

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Geothermal Technology, How it Works - WFI Global

<http://www.wfiglobal.com/GeothermalTechnology.asp> (Geothermal Technology, How it Works - WFI Global)

This website presents information about different geothermal installation and technologies with extensive product information database.

Geothermal Technology

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RETScreen International

<http://www.retscreen.net/ang/home.php> (RETScreen International)

The free-of-charge RETScreen Clean Energy Project Analysis Software under the web site can be used to evaluate the heat and power production and savings, costs, financial viability and risk for geothermal power plants. A short tutorial for geothermal plants construction and implementation is available.

Geothermal Technology

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