GEOCOGEN®

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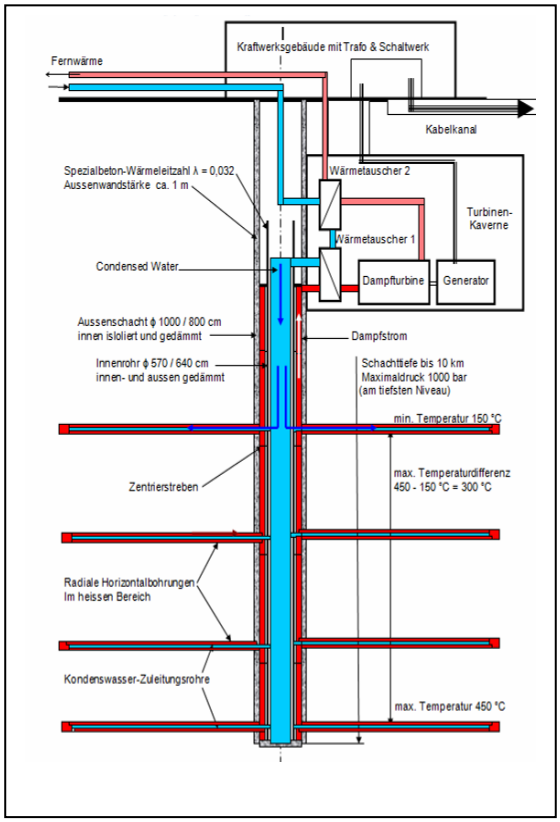
Press Article

GEOCOGEN® – The Cleanest Sustainable Energy Source

GEOCOGEN AG succeeded in developing the first GigaWatt class geothermal multi-generation technology providing unlimited electricity plus heat for desalination, district cooling, and other uses without polluting emissions. Since it harvests energy from the Earth's core, the *GEOCOGEN* Power Plant does not consume fuel or produce waste. Sited underground, it is resistant to all external risks. The *GEOCOGEN* Power Plants supply electricity close to consumer areas thus minimising transmission cost. Its base-load electricity supply satisfies the huge night demand also for battery charging of clean electric vehicles at a lower cost than any other energy source.

Thanks to *GEOCOGEN*, fossil fuels can be saved for exports and higher value-added uses in the chemical and metallurgical industries. Radiation accidents in situ or in transit, the unresolved problems of radioactive waste disposal and the excessively high cost of remote nuclear power plants can be avoided.



The world famous Swiss tunnelling expertise and modern closed-cycle thermal power plant technology make the deep-well hot-dry-rock *GEOCOGEN* a reality at a fraction of the cost of nuclear power, which totally depends on the limited imported Uranium.

GEOCOGEN can make all nations energy self-sufficient with clean electricity at affordable cost, creating local jobs and protecting the environment and the climate.

The schematic diagram shows the closed, safe *GEOCOGEN* cycle with the thermal power plant on top and a secondary cycle for desalination, district heating or cooling, or other uses after the heat exchangers. No cooling tower needed.

Substation connections and switchgears may also be placed underground to improve the landscape aesthetics and minimise risks.

Modern smart grids provide an optimal load management with the storage batteries of public and private electric car fleets storing base load electricity for peak load demand.

More information on www.geocogen.com .

Visit *GEOCOGEN*® at the World Future Energy Summit, Hall 4, Section 4210 and attend the geothermal energy roundtable at WFES.