



GEOTHERMAL ENERGY

GEOTHERMAL ENERGY HAS BEEN USED AS A SOURCE OF ELECTRICITY AND HEAT IN GEOLOGICALLY FAVOURABLE REGIONS FOR OVER A CENTURY. PERMANENTLY AVAILABLE, GEOTHERMAL ENERGY IS PREDESTINED FOR THE PROVISION OF BASE LOAD ENERGY AND HEATING ENERGY.



REFERENCE PROJECTS

Dürrnhaar

Drilling depth (TVD)
3,926 m/4,114 m
Temperature > 138 °C
Output > 130 l/s

Kirchstockach

Drilling depth (TVD)
3,882 m/3,794 m
Temperature > 135 °C
Output > 140 l/s

Many technical disciplines – some of which are highly specialised – must come together to result in a successful geothermal energy project. With regard to the forward-looking design and development of the above-ground plants, we need to pay close attention to the local geological conditions.

EXPERIENCE THROUGH PIONEERING WORK

Our employees have played a significant role in the initial phase of this energy source's use in Germany. As a result of having developed and implemented Germany's top performing Dürrnhaar and Kirchstockach geothermal power plants, and optimising operations on an ongoing basis, we have unique know-how that has proven itself in the field.

Our expertise is directed towards the interdisciplinary, predictive support of your project, particularly in the key challenges of technical concept development and project management. From the initial project sketches to the optimising of operations.

OUR RANGE OF SERVICES

Consulting

- Feasibility studies
- Due diligence
- Well pump technology

Project planning

- Profitability modelling
- Location evaluation
- Power plant and plant concept development
- Heat concepts
- Landscape architectural planning

Implementation

- Project operation and management
- Preparation of operating plans and approvals
- Approvals management
- Call for and awarding of tender
- Construction supervision

Operation

- Operations and plant optimisation
- Monitoring of statutory reporting obligations
- Adjustment of operating plans and approvals

We would also love to assist you by providing workshops and seminars designed to satisfy your individual needs.