

CASE STUDY

A Continued Partnership with Three Orders for Hydrocarbon Feed Pumps

Sulzer will supply a total of 18 SJD-API hydrocarbon feed pumps to be installed in two geothermal power plants located in Turkey: Maren and Kubilay. Both plants are based on Organic Ranking Cycle (ORC), using the innovative Radial Outflow Turbine (ROT) technology.



Maren (1) and Kubilay (2) geothermal plants in Turkey

The Sulzer difference

Sulzer's experience in hydrocarbon feed pumps for geothermal power projects all over the globe and successful execution and satisfactory pump performance is a major asset and pledge of quality for customers.

The challenge

Understanding thoroughly the process was crucial in order to provide the right pump suitable for the given duty parameters and site conditions which will boost the operational efficiency.

The delivery period of the pump supply requested by the client is very short, which adds to the challenge of the project.

The solution

Two feed pump packages will be delivered, each respectively including 12 and 6 SJD-API vertical pumps, along with other major accessories like electric motors, mechanical seal and seal system, instruments, etc.

Customer benefit

After a detailed analysis of the ORC cycle and the customer's specification, Sulzer Pumps India was able to provide an efficient, economical and reliable solution, which contributes to the reduction of the overall emissions to the environment.



SJD-API vertical pump

Contact

vijay.gujar@sulzer.com

Applicable markets

Power generation

Applicable products

Hydrocarbon feed pumps