

Introduction to Geothermal Wells, Power, and Opportunities for the Oil and Gas Industry

E-course Presented by PETROLERN LLC

March 22-23, 2021 | 10 AM - 1 PM EST



Registration Fee: 500 USD

Un-employed Discounted Fee: 300 USD

Student Fee: 150 USD (limited availability)

To register, visit: www.petrolern.com/training/



By:
Kevin Kitz

Introduction to Geothermal Wells, Power, and Opportunities for the Oil and Gas Industry

Geothermal energy offers investment opportunity which, unlike other renewable energy sources, leverages core technical and risk management competencies of the O&G industry. This course is concept-level, not numerical. It will explain the technical principles that distinguish geothermal from O&G. It will review how geothermal energy is captured and used today, and options for geothermal energy development in the future. In all elements, the applicability of O&G expertise will be highlighted, as well as the investment potential for the O&G industry.

WHAT YOU WILL LEARN

Upon completion of the course, participants will:

- Understand some key similarities and differences between geothermal and O&G
- Gain insight to the skills that transfer from O&G to geothermal, and where large investment potential exists in the geothermal space
- Be able to identify where international opportunities exist for profitable geothermal energy investment.

WHO SHOULD ATTEND

- Oil and gas technical professionals
- Strategic planning staff (O&G, Utility, Government)
- Those with a curiosity about geothermal

WHAT YOU WILL RECIEVE

- Copies of all presented material

WHO WILL TEACH

Kevin Kitz is a Professional Engineer and geothermal specialist who seeks to innovatively use existing technology to create new or better energy investment opportunities. Kevin has worked in almost all aspects of commercial geothermal development across his 35-year international career. He has been involved with all geothermal resource types, and his work has included, reservoir modeling., drilling, production facilities, power plants, O&M, PPAs, Transmission, marketing, and financing. He has been an independent consultant since 2018 working on conventional and innovative approaches to geothermal development, always with an eye toward quality investment opportunities.

COURSE OUTLINE

Day 1: Geothermal Today (3 hours)

- What is “geothermal” & how used
- Geothermal reservoirs
- Geothermal wells & well pumps
- Flash and binary power plants
- Project development

Day 2: Geothermal Tomorrow (3 hours)

- The market for geothermal & competitors
- Closed loop geothermal
- EGS – Engineered Geothermal Systems
- Synthetic Geothermal Reservoirs
- Sedimentary Basin & Repurposed Wells
- Geothermal Power Hybrid w/ Natural-Gas
- Geothermal for long-term grid storage
- Wrap-up



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