

## EAGP Capacity Building Program <sup>[1]</sup>



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The US-East Africa Geothermal Partnership (EAGP) successfully completed a series of nine in-country capacity building workshops for employees of Kenya's Geothermal Development Company (GDC) in March 2014. The EAGP Capacity Building Program provided classroom training for GDC in most aspects of geothermal project planning, development and implementation. The initial program consisted of nine one-week modules which covered a range of topics, including geothermal geoscience, environmental policy and regulatory issues, drilling engineering, geothermal project management, reservoir engineering, and power plant design. The courses were taught primarily by U.S. geothermal industry experts, as well as some host-country experts.

### **OBJECTIVE**

The objectives of the EAGP Capacity Building program are to (1) strengthen local capacity to enable East African countries to advance their geothermal development programs and (2) build relationships between East African officials and the U.S. trainers (geothermal company, consultant and training institution representatives) that pave the way for the participation of the U.S. entities in the country programs on a long-term basis.

### **COURSES & SCHEDULE**

**Module 1: Introduction to Geothermal Energy Utilization** (May 6-10, 2013 – Nakuru, Kenya)

**Module 2: Geothermal Geology and Geochemistry** (May 27-31, 2013 – Nakuru, Kenya)

**Module 3: Geothermal Geophysics** (June 17-21, 2013 – Nakuru, Kenya)

**Module 4: Environmental Policy, Climate Change and Regulatory Issues** (July 8-12, 2013 – Nakuru,

**Module 5: Drilling Engineering** (July 29-August 23, 2013 – Nakuru, Kenya)

**Module 6: Geothermal Project Management** (August 19-23, 2013 – Nakuru, Kenya)

**Module 7: Reservoir Engineering and Field Operations** (September 9-13, 2013 – Nakuru, Kenya)

**Module 8: Power Plant Design, Construction, Management and Transmission Considerations** (December 9-13, 2013 – Nakuru, Kenya)

**Module 9: Geothermal Development Business and Finance Principals Related to Public vs. Private Sector Structures and Public-Private Partnerships** (March 10-14, 2014 – Nakuru, Kenya)

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