



## Renewable Energy Services

**G**reen Energy sources are becoming more prevalent as electric deregulation goes into full effect and energy prices increase. Renewable energy, such as solar, wind, and geothermal, provides cost-effective and viable solutions for many businesses. EarthRes Group, Inc. (EarthRes) can assist your facility in evaluating alternative energy solutions from both a technical and economic perspective, drawing from our own experience designing our new LEED silver certified building, as well as from consulting on renewable energy projects. ERG has training and experience with the latest state and federal regulations, and can help your facility comply with new environmental permitting and compliance requirements for Greenhouse Gases (GHG) and other pollutants. EarthRes can also assist your company with applying for available grants and loans that make these renewable energy projects economically viable.

### ENERGY MANAGEMENT AND FEASIBILITY

- Solar Photovoltaic Panel System Technical and Economic Feasibility Studies
  - Electricity / Utility Cost and Demand Analysis
  - Economic Payback Modeling and Return-on-Investment (ROI) Calculations
- Federal, State, and Local Grant and Loan Opportunities
- Tax Credits and Incentives from Utilities and Power Companies
- Geothermal System Evaluations
- Energy Audits
- Landfill Gas to Energy (LFGTE) Engineering
- Energy Management Best Practices and Improvements
- GHG Emission Reduction Projects



*ERG's geothermal system*

### FEDERAL AND STATE REPORTING AND COMPLIANCE

- Permitting of Alternate Fuels including
  - Title V / PSD Greenhouse Gas Tailoring Rule
  - EPA Mandatory Greenhouse Gas Rule
- Renewable Energy Certificates / Credits (RECs)
- Environmental Impact Studies
- Zoning and Land Development

EARTHRES GROUP'S NEW  
 OFFICE BUILDING IS  
 CURRENTLY UNDERGOING  
 LEED CERTIFICATION

To discuss Renewable Energy services offered by EarthRes, please contact Lou Vittorio, P.G. or Nicole C. Wilson, P.E. at (215) 766-1211