



**120 Person Dormitory, Moody Air Force Base**

**Client: PBS&J Construction**

Multiple trade coordination project where Geo-Energy provided the entire mechanical team input for project savings and commissioning. Facility served as Moody's first LEEDs qualified project.



**US Army 11 Building Renovation Project Ft Gordon**

**Client: ARS Mechanical**

Geothermal Well fields and header installations for multiple high utility cost buildings.

**Geo-Energy Solutions** is one of America's most successful geothermal installation companies. Since 1992, Geo-Energy's 1,000 plus geothermal system installations have provided millions of dollars in utility and maintenance savings to building owners throughout the United States. The Department of Energy showcases Geo-Energy projects at Georgia Tech and Cedarville School District. Geo-Energy employs the latest installation techniques for geothermal loop fields, heat pumps, mechanical rooms, building piping, and hybrid systems. This comprehensive approach insures optimal performance and excellent Return on Investment.

**Geo-Energy is the only Geothermal installation company to offer both fixed and performance based contract project financing.** These options have been utilized by private and public facilities to retrofit and construct new projects. Geo-Energy has multiple financed projects and continues to provide customers with this value added opportunity. Geo-Energy also provides Conductivity testing, soil sampling and feasibility study surveys.

## Geo-Energy Services



### Geothermal Loop Field Installation

Geo-Energy has installed thousands of vertical, horizontal, and lake loop geothermal systems throughout the United States and as far away as China.

### Geothermal Project Management & Project Financing

Geo-Energy has successfully completed small and large projects and has the flexibility to work with other project team members supplying any portion of a geothermal project. Geo-Energy's In-House financing programs allow public and private owners the unique opportunity to utilize projected future system savings to fund retrofit and new construction energy efficient systems.



### Geothermal Mechanical Rooms

Geo-Energy installs mechanical rooms, pumps, building piping systems, and controls specifically matched to the requirements of each building.



#### Mechanical Room, Piping and Ductwork Installation

Geo-Energy specializes in the installation of High Density Polyethylene (HDPE) piping for fluid circulation to heat pumps, refrigeration and other equipment. Geo-Energy Services also include ductwork installation and air distribution components to provide complete indoor air quality management; meeting most building and architectural requirements.

### Project Management and Installation Team

**Tracy L. Sayers** holds a B.A. from North Georgia College and an M.B.A. from The Stetson School of Business. He is a service connected disabled veteran and a member of the National Association of Home Builders, Geothermal Heat Pump Consortium. Mr. Sayers has served on the Boards of Evergreen Medical Plan, Denim North America, North Georgia College and past president of Ronald McDonald House of West Georgia.

**David Bean** holds a B.A. from the University of Arkansas and has more than 25 years experience in the Geothermal and air conditioning industry. He has installed and managed geothermal and energy conservation systems for more than 25 years. He has a proven track record

of managing large projects and his strong organization, communication and technical skills are among the industry's best. He is ClimateMaster, Trane, WaterFurnace, and Florida Heat Pump trained. He also holds the "Train the Trainer" certification in equipment trouble shooting, ground loop installation and heat fusion training.

**Bard Phillips** holds a B.S. in Mechanical Engineering from the University of Arkansas. He has 30 years of direct field installation and supervision experience. He provides design review services for architects and engineers, value engineering review and other system recommendations, as well as system start up and commissioning of Geothermal Systems.

**Mark F. Jarrell** holds a B.S. in Mechanical Engineering from M.I.T. and has 30 plus years experience in mechanical engineering and is a Certified Energy Manager. Mark provides plan review and technical compliance reporting as required by many state and federal projects. He also provides grant development assistance to private and public building owners.

**Kevin Payne** is a Senior Project Manager coordinating field services operations, safety and project financial compliance. He also coordinates availability, negotiates pricing and confirms specifications for installed materials.

### Cedarville School District



Retrofit of heating and cooling systems on three campuses. Provided Total Project Management including; vertical well field and header system, interior piping, heat pumps, ductwork, building insulation, ceiling replacement, mechanical room, and DDC controls.

### Dover High School and Gym

Upgrade of heating and cooling systems. Provided Total Project Management and installation of vertical well fields and header system, interior piping, hybrid evaporative cooling, mechanical room pump, valves, piping and DDC controls.



### Alabama Air National Guard Reserve Center



Installation of well field and header system on federal property inside an active commercial airport. Geo-Energy met all safety, security and other stringent requirements to qualify as a bidder and to complete project. Geo-Energy utilized Sonic Drilling Technology to complete this unique installation.