

MELINE ENGINEERING

A restored historic hotel and saloon in Upper Lake, California is connected to a community ground loop, using geexchange technology.

An office building in South Lake Tahoe, California utilizes geexchange technology for heating and cooling

Founded in 1995 in Sacramento, California, Meline Engineering provides energy-efficient mechanical system designs for residential and nonresidential buildings to owners, developers, contractors, and architects for new construction, renovations, and tenant improvements.

Known for completing projects on time and within budget, Meline Engineering prides itself in its strong sense of customer service and the ability to finish projects quickly without sacrificing quality, thanks to an internal quality-assurance plan. Not only does the company respond to every phone call and email within one business day, but also, Meline Engineering strives to “right-size” its engineering services — to provide the services necessary to fit each project’s scope and budget. The company promotes efficient, innovative, and well-integrated design by communicating openly with other team members (civil, electrical, architectural, and specialty contractors) and coordinating design and construction documents with them.

Always passing benefits on to the consumer, Meline Engineering is a West Coast industry leader in designing geexchange HVAC and related applications. A mature technology with equipment available from many manufacturers, geexchange uses the relatively constant temperature of the earth or a body of water to improve the efficiency of mechanical equipment. Compared to conventional system designs, geexchange systems offer the consumer several benefits, such as operational cost savings and reduced maintenance.

In addition to geexchange consulting, systems design, and construction support, mechanical engineering services provided by Meline Engineering include the following: energy-efficient HVAC systems design, building load calculations, plumbing systems design, third-party design reviews, feasibility studies,



facility monitoring and retro-commissioning, and assistance in preparing documentation for LEED™ building certification. The company’s range of experience supports the following types of building mechanical systems design: commercial, government, educational, residential, multifamily housing, and industrial/process.

With nearly 20 years of mechanical engineering experience, Meline Engineering’s founder, owner, and engineering principal, Lisa Meline, P.E., lends her skills to every project the company undertakes. A LEED™ Accredited Professional and a Certified Geexchange Designer by the Association of Energy Engineers, Ms. Meline is a voting member of ASHRAE TC6.8, the Technical Committee on Geothermal Energy Utilization, and she holds memberships with an array of trade and professional organizations. Ms. Meline also has more than two decades of experience in the construction industry,

with a strong background in project and construction management and design engineering.

As a small and growing firm, Meline Engineering has seen 20 percent annual growth for the past five years and can attribute much of its success and growth to its qualified team of employees. The efforts of this talented team of employees helped earn Meline Engineering’s recent nomination for and finalist status in the Sacramento Workplace Excellence Leadership Award (SWEL) in the “Small For-Profit” category.

With a wide range of satisfied customers, including the California State Lottery, Harrison Construction, Cynthia Easton Architects, Fairfield-Suisun Unified School District, Pike Heating and Air Conditioning, and Betty Woo, AIA, among many others, Meline Engineering’s reputation for providing top-notch mechanical engineering solutions continues to grow with each new project undertaken.