



Gordon Food Service Goes Green with MultiGEO™ Design and Control Technology

- *Gordon Food Service is North America's largest family-owned broad line food service supplier. This environmentally conscious company chose to take advantage of efficient energy solutions for their new corporate office building.*
- *MultiGEO™ software manages a 384,000 sq. ft. building with a hybrid geothermal system.*
- *Geothermal system includes 168 vertical and 56 directionally-drilled deep-earth horizontal loops.*
- *MultiGEO software also manages a seven-zone snow melt system by using surplus heat energy created by the building.*

Architect: Integrated Architecture
Engineer: Greensleeves LLC
Contractor: Dan Vos Construction Company

Gordon Food Service (GFS) recently selected advanced, intelligent MultiGEO™ design and control software from Multistack and developed by Greensleeves, for their new headquarters campus. The 384,000 square foot building in Wyoming, Mich., was designed to house 1,100 employees. Thanks to advanced MultiGEO control technology, the bore field size was reduced by more than 25 percent compared to a standard geothermal system, significantly cutting first cost. This advanced software also intelligently manages seven zones of snowmelt totaling 20,000 square feet.

Kirk Mortenson, Director of Real Estate and Facilities at Gordon Food Service, said, "Gordon Food Service wanted to select a green alternative to meet the building's heating and cooling load. This technology offered a more advanced option to do so while reducing our impact on the environment."

MultiGEO offered GFS many attractive advantages, including monitoring loop temperature, control of key building mechanical systems, and notification of corrective actions. Construction was completed in 2011. In 2014 occupancy had increased to more than 1,200 employees. However, Kirk Mortenson said, "Our energy consumption has dropped each year even though we are fuller than design. We attribute much of this to the advanced control provided by MultiGEO technology."



Multistack is the exclusive licensee of the Greensleeves design and operational software for unitary and centralized geothermal systems. It is sold under the trade name "MultiGEO." Contact your nearest Multistack representative for more information on this revolutionary product that makes the energy savings of geothermal systems available to building owners who previously could not overcome the initial cost of a bore field.



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Originators. Innovators. Never the Imitators.SM

Originators...

Multistack invented the modular water chiller. It started with a radically simple idea: chiller modules that could be brought into the equipment room one at a time, through standard doorways and down elevators, to form a fully integrated chiller system. The idea launched a revolution and transformed Multistack into a leader in the commercial water-chiller industry.

Innovators...

Multistack perfected the modular chiller and leads the industry in innovative and environmentally friendly modular solutions. Since founding in the late 1980s, Multistack has engineered, manufactured, and distributed an impressive array of modular air conditioning firsts: the first on-board strainer, the first modular automatic blow-down device, the first modular chiller for variable flow, the first modular chiller-heater (heat pump), the first modular heat-recovery chiller, the first modular air-to-water heat pump, the first modular chiller to utilize MagLev™ compressor technology, and the first modular chiller to utilize R-410A.

Never the Imitators...

Multistack sets the standard in the industry for superior customer service, fast and on time shipment, superior product quality, and new product development. Our pioneering leadership in environmental issues is well documented. If you want the best, be sure to specify the original – Multistack®.



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