

MultiGEO Monitoring

MultiGEO Monitoring takes the guesswork out of troubleshooting geothermal building issues, by providing a diagnostic tool to help designers and building owners find the root cause of existing building and ground heat exchanger (GHX) issues. MultiGEO is installed onsite where it records data. With this data, Greensleeves produces performance trends and predictions of future performance, and provides the framework for finding a permanent solution.

The building owner is welcome to rent this product from Greensleeves for six months at a time, and will receive a report from Greensleeves' application engineers. The JACE stores data onsite and this data can be retrieved and evaluated by Greensleeves remotely.

What Greensleeves provides:

Greensleeves provides (for installation by the Direct Digital Control/DDC Contractor) a packaged control system for installation near the building automation system (BAS) that includes:

1. Pre-programmed controller (Tridium JACE) for the monitoring points as provided by the building owner:
 - a. JACE 8000 Controller with device expansion if applicable
 - b. JACE 8000 wall adapter
2. Tracking, storing and analyzing the heat flux to/from the GHX.
3. Biannual reports.
4. Remote Startup and Commissioning.

What others provide:

1. Furnish and mount a NEMA enclosure for the Greensleeves' controller.
2. Receive, mount and provide field control wiring to/from the Greensleeves' controller.
3. Provide Internet connection to the Greensleeves' controller.
4. Provide temperature sensors and flow meters as required.
5. Be present during Greensleeves' remote controller start-up and commissioning.
6. Provide onsite field support during monitoring period.
7. Return JACE to Greensleeves at the end of the monitoring period.

