

GEOconnect Monitoring

The GEOconnect product line was developed to bring the power of MultiGEO to sites where security protocols prohibit remote access via a VPN. This product is fully self-contained and provides an immediate, real-time analysis directly to the user through the dashboard and Greensleeves staff will still provide an additional evaluation of the collected data.

GEOconnect 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. GEOconnect 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 DS-1000 series fanless computer stores data onsite and this data can be retrieved and evaluated by Greensleeves remotely.

This proprietary and stand-alone system provides the Greensleeves' Monitoring without any of the building energy solutions and/or data going through the "Cloud" or otherwise being susceptible to other Internet risks.

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 (DS-1000 series) for the monitoring points as provided by the building owner.
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 a secure Internet connection to the Greensleeves' controller for start-up, commissioning and data collection at a specified time only.
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 DS-1000 series controller to Greensleeves at the end of the monitoring period.