

The eGauge is designed to accurately measure and log the kWh consumption of your geothermal heating and cooling system. This allows the operating cost of your geothermal system to be “submetered” separately from your total electric bill. Once installed and powered on, with at least one current transformer (CT) plugged into the eGauge and fastened around the power wire of a balanced electric load, the eGauge will begin logging the cumulative kilowatt-hours for that load. One eGauge can monitor the following:

- Up to twelve 208-230/60/1 balanced loads
- Up to six 208-230/60/1 unbalanced loads
- Up to twelve 120/60/1 loads
- Three phase loads can also be monitored
- Energy produced by a solar PV array



Information is stored in the eGauge memory which has enough storage capacity for 30 years of data. The data can be viewed and downloaded locally with any browser equipped computer. If your eGauge is connected to an Internet router (directly, LAN or optional HomePlug PowerLine adapter), data can be accessed remotely via any web enabled device such as a smartphone, tablet or computer. Information is displayed in colorful, rich and intuitive graphs with customizable date ranges. Individual or grouped loads can be displayed (for example the compressor, blower, loop pump, electric heat and water heater can be monitored and displayed separately and/or can be grouped to display the sum total).

The eGauge can be installed in the field or pre-installed in the heat pump by GeoSource. Initial programming of the eGauge will be done by GeoSource prior to installation. Additional programming, if needed can be done remotely by GeoSource, such as monitoring household loads, net energy from a solar array, etc. Installation of these additional loads can easily be done in the field by fastening a CT around the power wire of the load and plugging the CT into the eGauge. Once completed, GeoSource will remotely program the eGauge to monitor and display the additional loads.

