

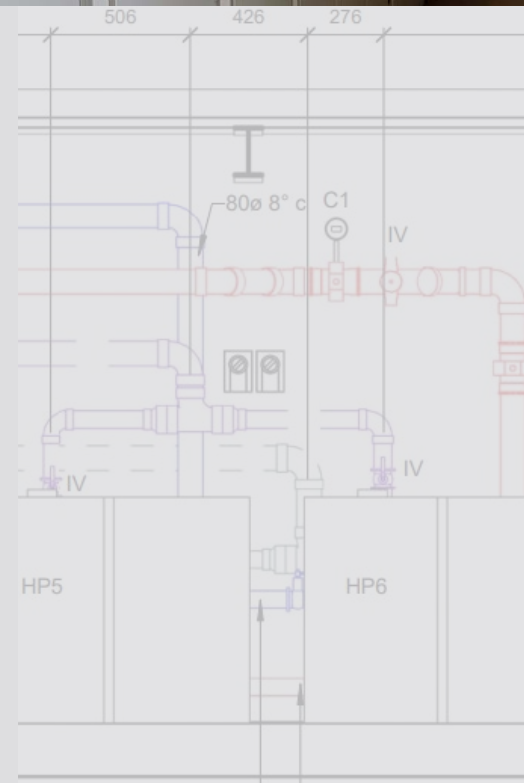
ENERGY HUB

Our **Energy Hub** is a prefabricated plant room for renewable ground source heat pump systems. Each system is custom designed and specified for your project requirements. This plug and play solution is ideal for businesses seeking to replace fossil fuel systems, are restricted on plant room space or who want to minimise disruption caused by siteworks.

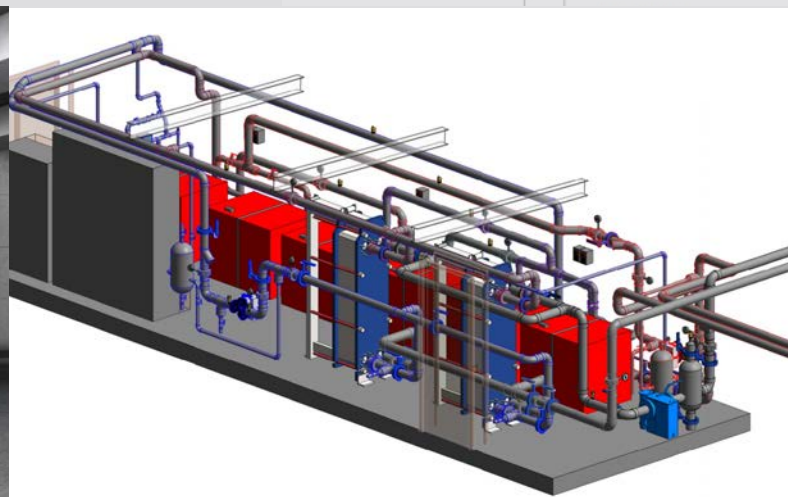


FEATURES

- ✓ Pre-assembled to reduce onsite work
- ✓ Sizes ranging from 200kW to 6MW
- ✓ Custom project design and specification
- ✓ Flow temperature up to 65°C (90°C with de-superheater)
- ✓ Modulates down to 40kW with no loss of efficiency
- ✓ Efficiencies up to 500% (800% in simultaneous cooling)
- ✓ Tested and commissioned prior to delivery



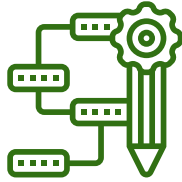
Each container is specially insulated and can even be custom-branded



HOW DOES IT WORK?



1. We carry out a site survey and feasibility studies to determine project requirements and opportunities.



2. Our Technical Designers custom-design your energy system, producing all necessary schematics.



3. Our expert Engineers build your Energy Hub at our HQ, working to the design specifications.



4. We deliver your Energy Hub - a plug and play solution. We connect the Hub to your system and provide you with a full handover.



All of our systems are internet connected and monitored online 24/7

ENERGY STORAGE

If your manufacturing process creates hot or cold waste energy, we can design a battery storage system which holds the energy, providing the ability for it to be used for another purpose such as warming or cooling office areas. This reduces operating costs and increases system efficiency.

At Thermal Earth we provide a complete end to end service with our Energy Hub systems. From the consultation and feasibility studies to the design, procurement and installation - you can rely on our expertise throughout. Utilising technology from some of Europe's leading manufacturers our systems are robust, highly efficient and BMS/BEMS compatible.