



STIRLING LOW-CARBON HEAT PROJECT

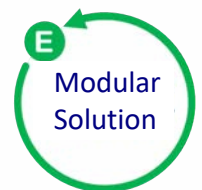
Overview

Our team members designed the wastewater heat recovery (WHR) solution as part of the Stirling Low-Carbon Heat Project. The Scottish Water owned scheme will deliver sustainable low carbon heat to a city community through a district heating network.

WHR technology is being integrated alongside a combined heat and power (CHP) engine, a first for the UK, to provide low carbon heat to a number of end users through a district heat network in the Forthside area of Stirling.

These end users include Zero Waste Scotland, the Water Industry Commission for Scotland, the PEAK Leisure Centre and the Forthside Conference Centre.

Fifty percent CapEx funding was provided by the Scottish Government's Low Carbon Infrastructure Transition Programme (LCITP).



The Recirc Solution

Our team members facilitated the follow scope:

- Site assessment including use of telemetry data to assess the heating potential
- Analysis and correlation of heat demand against the available wastewater resource
- Full process design and technology selection
- Civil, Mechanical, Electrical and Building Services design
- Design, installation and commissioning of a modular, scalable 500kw skid-based solution
- Process commissioning of WHR system



“The project is a fantastic example of the bold, innovative and world-leading policies we are implementing, using waste water to help provide energy to local public buildings and businesses.”
Nicola Sturgeon, First Minister of Scotland

Contact us today to find out more about how wastewater heat recovery can support your low-carbon heating ambitions.