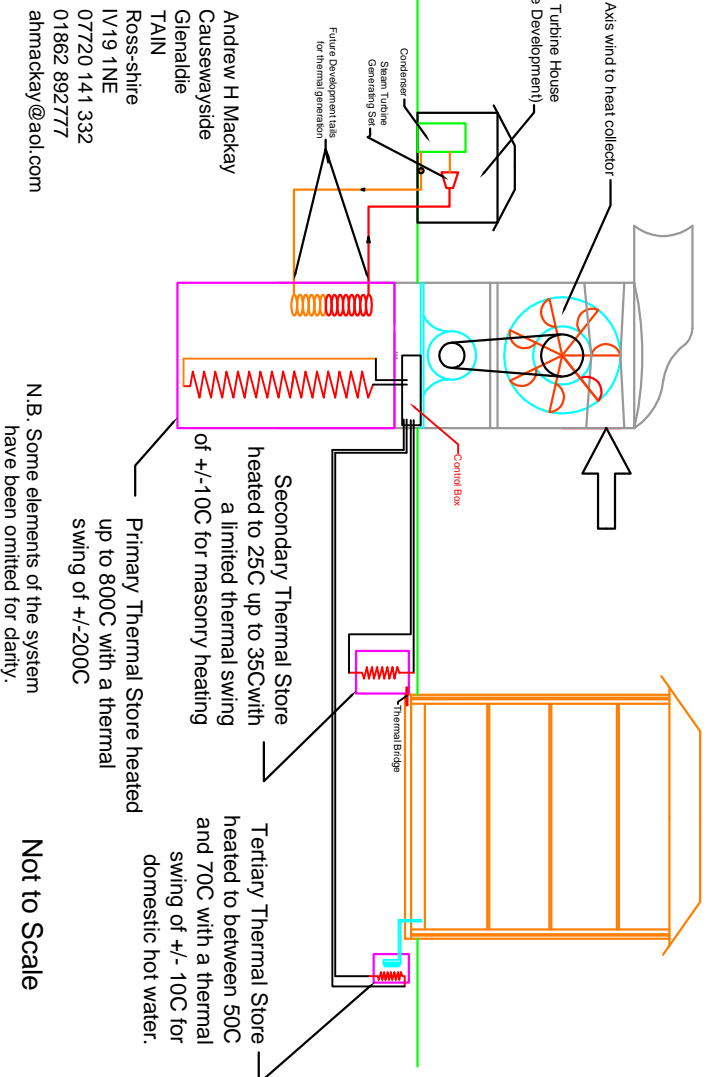


Greenheat Systems Limited

Gentec PGH Schematic for Any Building (retrofit)



The wind to heat collector drives a DC generator, that generates Variable High Voltage Direct Current (VHVDC) in direct proportion to the cube of the dynamic wind speed to a Control Box.

The thermostatically Control Circuitry switches VHVDC to the Primary, Secondary and Tertiary thermal stores through fixed resistances so that the heat stored is in direct proportion to the square of the currents (amperes).

$$P(\text{thermal}) = I^2 \times R$$

The foundations and masonry remains heated @ around 30°C via the thermal bridge for any existing building throughout the winter months. In urban areas the wind to heat collector can be many miles away and feed several blocks of flats in a similar way.