

Energized

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Energized Ltd

- SME specialising in Energy related Mechanical and Electrical Services contracting.
- Expertise in utility sub-metering and automatic data retrieval systems.
- Development areas include Fuel Cell CHP and Heat Pump technology.
- Energized Ltd are members of GasSafe, IGEM, Napit, FSB, and OAMI

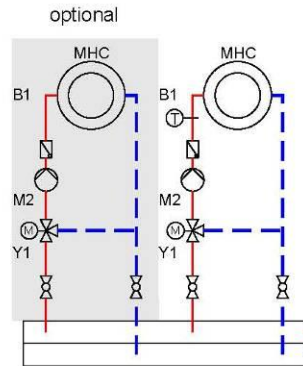
The Advantage West Midlands (AWM) Baxi Fuel Cell CHP Project

- To install, integrate and operate a Baxi FC CHP unit with an existing tenanted house.
- House in Lye owned by Black Country Housing Group Ltd
- Fuel Cell CHP to be provided by Baxi Innotech (Hamburg)
- Monitoring and Management of the project by UOB

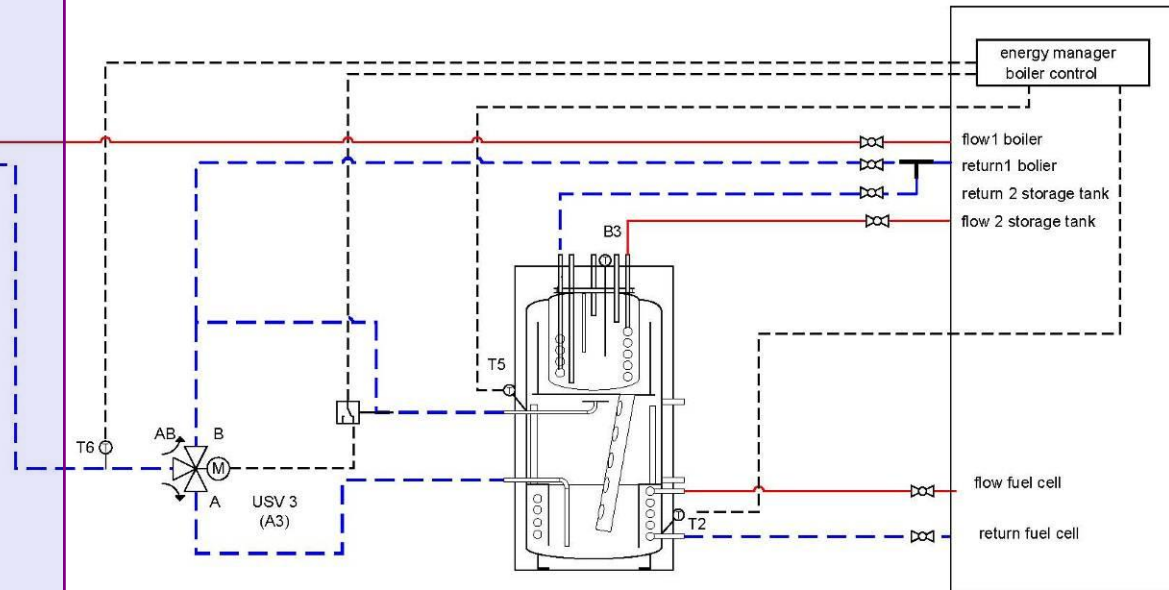




House



Outbuilding







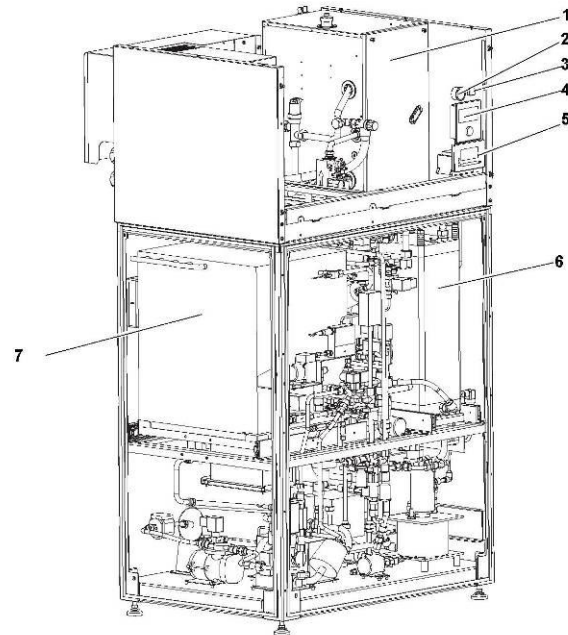




Overview of The Fuel Cell CHP Unit

4. Overview of The Fuel Cell CHP Unit

4.1 General Drawing

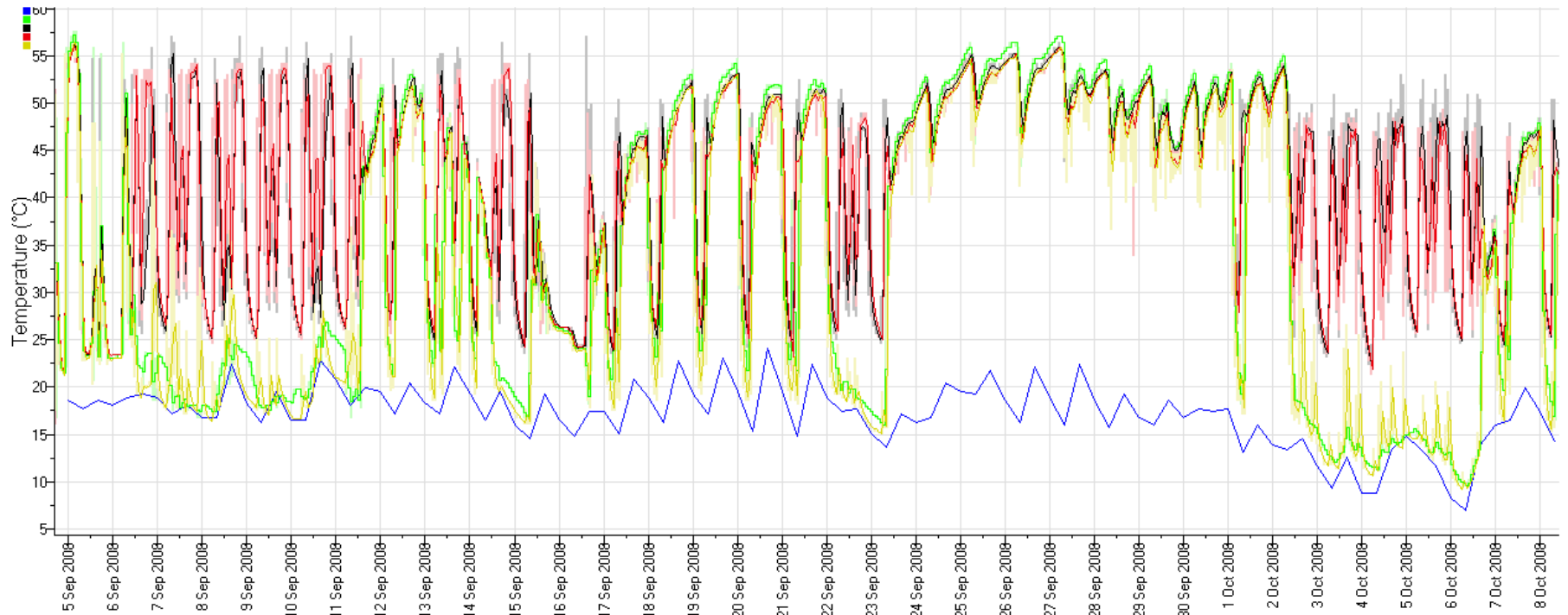


- 1 Auxiliary heater, burner housing
- 2 Manometer
- 3 On/off switch auxiliary heater
- 4 Boiler operating control module (BOCM)
- 5 Operating control panel of FC CHP unit
- 6 Fuel cell stack
- 7 Fuel processor

Further technical data, dimensions and circuit diagrams are provided in the *Installation Manual*.

New Overlay of 5 traces

- 280727 Temperature Fuel Cell Bay Ambient
- 266987 Temperature flow into house
- 267748 Temperature return to bay
- 267746 Minimum Temperature heating flow bay
- 266988 Temperature Return to bay from hse



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