

RHI Audit Report

Site: Charles Hurst Ferrari show room

Reference No: Personal information redacted by the RHI Inquiry

Date: Tuesday 04 March 2014

Technology: Solid Biomass

Executive Summary

A site audit was carried out by Ricardo-AEA on Tuesday 04 March 2014 at the Renewable Heat scheme installed at Charles Hurst Ferrari show room, in Charles Hurst Chrysler and Jeep 62 Boucher Road BELFAST. RHI Reference number for the installation is Personal information redacted by the RHI Inquiry

The Renewable Heat Installation comprises three Sime, 32kW_{th} wood pellet fuelled boilers supplying the following eligible uses via a common header; space heating and domestic hot water to a car showroom; heat to an absorption cooler which provides space cooling to the showroom. A gas boiler is provided as backup.

Ofgem wished to confirm the total installed capacity as 97kW_{th} as the tariff boundary for Northern Ireland is 100kW_{th}. Also to confirm how the backup gas boiler is mechanically isolated from the biomass circuit and can under no circumstances operate at the same time as the biomass boiler.

The installation does not have manufacturer's nameplates, showing the capacity, make and model fixed to it so it was not possible to confirm the exact capacity. However the auditor can confirm that on the basis of the pellet burner ratings, each of the three boilers is rated at 32kW_{th} or less and the total installed capacity is less than the 100kW_{th} tariff threshold. The auditor can also confirm that the isolation arrangements for the gas boiler are adequate and ensure that it will in no instances operate at the same time as the biomass boiler.

Observations (including non-compliances) are summarised within the following table. **Observations are highlighted within the body of the report for emphasis.**