



## ECO REFURBISHMENT OF 450 HOMES, KIRK STREET, DUNDEE

ECL Contracts awarded McGill a £4.5M Design & Build contract to supply and install a district heating scheme to serve 450 homes at the Kirk Street Development, Dundee serving both high and low rise properties.

McGill's scope of work included the construction of an energy centre to house the heating plant with pre-insulated underground distribution pipework installed to the basement of each high rise block and to the undercroft of each low rise block. We then installed carbon steel pipework on the horizontal and vertical runs to a heat interface unit in each property. We installed traditional copper pipework to serve the central heating and hot water systems in the properties.

The boiler flue from the Energy Centre was fixed to one of the high rise blocks and terminated above the parapet to comply with the Clean Air Act.

The sequence of working consisted of having the energy centre fully operational, with hot water available at each of heat interface units. We then installed the central heating and hot water systems to each property, followed by disconnection and removal of the existing electric heating.

As part of the refurbishment work Dundee City Council awarded McGill a £2.2M contract to supply and install a new kitchen and bathroom in each of the 450 properties. Upgrading of the kitchen included rewiring the electrical circuits.

Our works commenced in July 2013 and we successfully achieved completion in July 2014.

McGill were chosen for this project as they offer a full range of services, all delivered in-house by professional and experienced operatives.



### Client

Dundee City Council

### Project Duration

52 weeks

### McGill Contract Value

£4.5m

### Role

Principal Contractor

### Key features

Design & Build District Heating Scheme

Construction of the Energy Centre

450 Occupied Properties

One Day Changeover from old to new system

Kitchen & Bathroom replacement

Self-Delivery