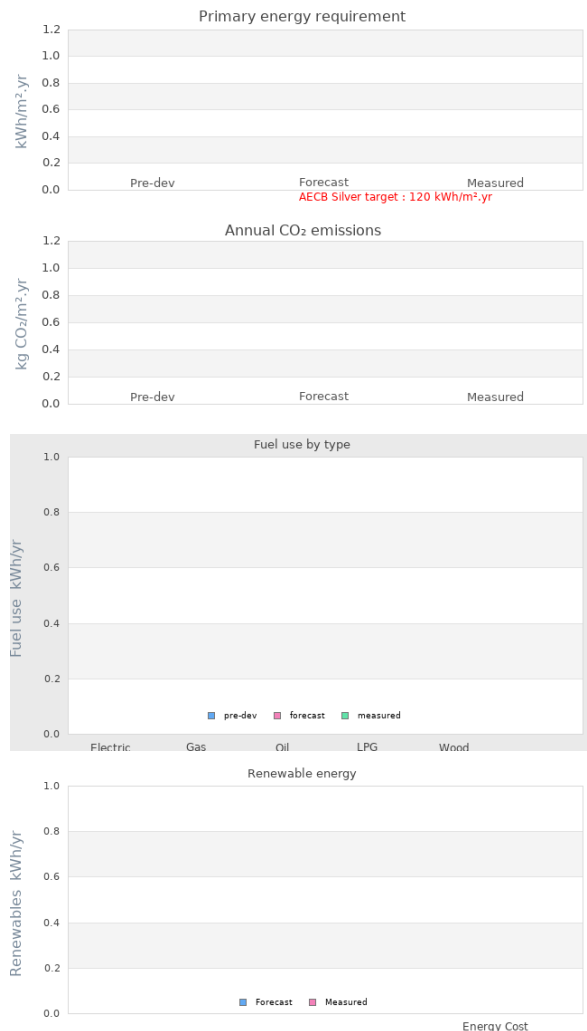


Project name Hammersmith Quaker Meeting House

Project summary New build Quaker Meeting House in Hammersmith. Comprising meeting hall, library, childrens room, office, kitchen and shower room facilities.



Project Description

Projected build start date	01 Jul 2019
Projected date of occupation	24 Aug 2020
Project stage	Occupied
Project location	London, London, England
Energy target	AECB Silver
Build type	New build
Building sector	Commercial
Property type	Detached
Existing external wall construction	Other
Existing external wall additional information	ICF
Existing party wall construction	
Floor area	250 m²

Project team

Organisation	Enhabit
Project lead	
Client	London Quaker Property Trust
Architect	Satellite architects
Mechanical & electrical consultant(s)	Silver EMS Ltd
Energy consultant(s)	Enhabit Ltd
Structural engineer	MMOS
Quantity surveyor	
Other consultant	
Contractor	Syntec Projects Ltd

Design strategies

Planned occupancy

Space heating strategy

Water heating strategy

Fuel strategy

Renewable energy generation strategy

Passive solar strategy

Space cooling strategy

Daylighting strategy

Ventilation strategy

Airtightness strategy

Strategy for minimising thermal bridges

Modelling strategy

Insulation strategy

Other relevant retrofit strategies

Other information (constraints or opportunities influencing project design or outcomes)

Energy use

Fuel use by type (kWh/yr)

Fuel	previous	forecast	measured
Electric			
Gas			
Oil			
LPG			
Wood			

Primary energy requirement & CO2 emissions

	previous	forecast	measured
Annual CO2 emissions (kg CO2/m ² .yr)	-	-	-
Primary energy requirement (kWh/m ² .yr)	-	-	-

Renewable energy (kWh/yr)

Renewables technology	forecast	measured
-		
-		
Energy consumed by generation		

Airtightness (m³/m².hr @ 50 Pascals)

	Date of test	Test result
Pre-development airtightness	-	-
Final airtightness	01 Jul 2020	0.8

Annual space heat demand (kWh/m².yr)

	Pre-development	forecast	measured
Space heat demand	-	-	-

Whole house energy calculation method

Other energy calculation method

Predicted annual heating load

-

Other energy target(s)

Building services

Occupancy

Space heating

Hot water

Ventilation

Controls

Cooking

Lighting

Appliances

Renewables

Strategy for minimising thermal bridges

Building construction

Storeys

Volume

Thermal fabric area

Roof description

Roof U-value

Walls description

Walls U-value

Party walls description

Party walls U-value

Floor description

Floor U-value

Glazed doors description

Glazed doors U-value

Opaque doors description

Opaque doors U-value

Windows description

Windows U-value

Windows energy transmittance
(G-value)

Windows light transmittance

Rooflights description

Rooflights light transmittance

Rooflights U-value

Project images







































