

Project Information

Building type Detached house

Plot number Pen Y Gaer

Reference

Date 2 February 2015

Client Barry Barnett Project Pen y Gaer Bungalow
Siamber Wen Pen y Gaer Road
Trevor
LLANGOLLEN
LL207YN

Garth
Llangollen
LL207UY

Tel: 01978822013

Daryl Price

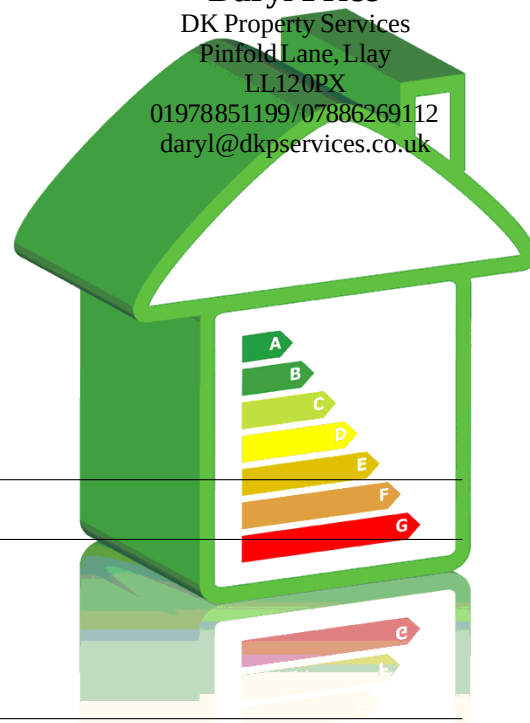
DK Property Services

Pinfold Lane, Llay

LL120PX

01978851199/07886269112

daryl@dkpservices.co.uk

**Code for Sustainable Homes**

Assessor Name: Daryl Price

Assessor No.:

Ene 1: Dwelling Emission Rating

TER: 16.14

DER: 14.07

% improvement: 12.8%

Credits: 2

Level: n/a

Ene 2: Fabric Energy Efficiency

Dwelling Type: Detached house

FEE: 60.8

Target FEE: 46.0

Credits: 0

Ene 7: Low and Zero Carbon Technologies

Energy is supplied by low or zero carbon technologies: Yes

Reduction in CO2 emissions as a result: 6.1%

	Standard case		Actual case		
	kWh/m ² /year	kg/m ² /year	kWh/m ² /year	kg/m ² /year	
DER		15.8028		14.0671	(ZC1)
CO2 emissions from appliances		11.6421		11.6421	(ZC2)
CO2 emissions from cooking		1.0781		1.0781	(ZC3)
Total CO2 emissions		28.5231		26.7873	(ZC4)
Residual CO2 emissions offset from biofuel CHP		0.0000		0.0000	(ZC5)
Additional allowable generation	0.0000		0.0000		(ZC6)
Resulting CO2 emissions offset		0.0000		0.0000	(ZC7)
Net CO2 emissions		28.5231		26.7873	(ZC8)

Reduction in emissions = 100 x (1 - (ZC8actual / ZC8standard))
= 100 x (1 - (26.7873 / 28.5231))
= 6%

Credits 0