

Tystysgrif Ynni i'w Harddangos

Pa mor effeithlon y mae'r adeilad hwn yn cael ei ddefnyddio?



Welsh Assembly
The Senedd Building
National Assembly for Wales
Pierhead Street
CARDIFF
CF99 1NA

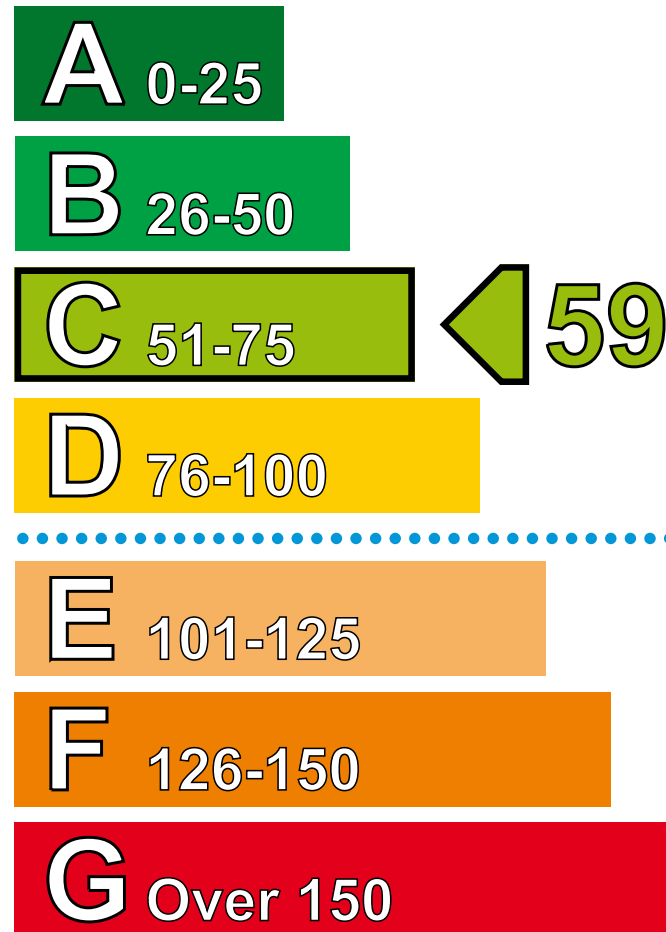
Cyfeirif y Dystysgrif:
9624-1082-0087-0200-4291

Mae'r dystysgrif hon yn dangos faint o ynni sy'n cael ei ddefnyddio i redeg yr adeilad hwn. Mae'r cyfraddiad gweithredu wedi'i seilio ar ddarlleniadau'r mesurydd ar gyfer yr holl ynni sy'n cael ei ddefnyddio yn yr adeilad mewn gwirionedd gan gynnwys goleuo, gwresogi, oeri, awyru a dŵr poeth. Mae'n cael ei gymharu â meincnod sy'n cynrychioli perfformiad sy'n nodweddiadol o bob adeilad o'r math hwn. Ceir rhagor o wybodaeth am sut i ddehongli'r wybodaeth hon yn y ddogfen gyfarwyddyd *Display Energy Certificates and advisory reports for public buildings* sydd ar gael ar wefan y Llywodraeth yn: www.gov.uk/government/collections/energy-performance-certificates.

Dosbarthiad Gweithredol Perfformiad Ynni

Yma nodir pa mor effeithlon y mae'r ynni wedi cael ei ddefnyddio yn yr adeilad. Nid yw'r rhifau yn cynrychioli unedau gwirioneddol o ynni a ddefnyddiwyd; maent yn nodi'r effeithlonrwydd ynni cymharol. Byddai 100 yn nodweddiadol o'r math hwn o adeilad.

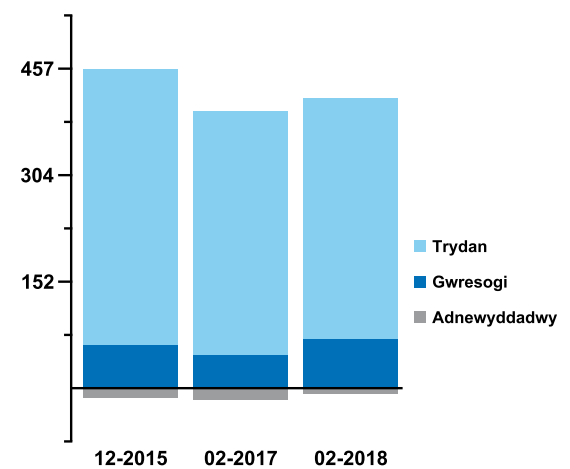
Mwy effeithlon o ran ynni



Llai effeithlon o ran ynni

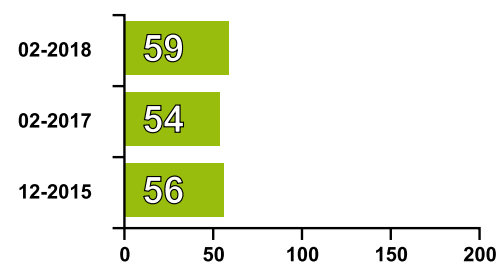
Cyfanswm Allyriadau CO₂

Yma nodir faint o garbon deuocsid y mae'r adeilad yn ei allyrru. Mae'n dangos y tuneli y flwyddyn o CO₂.



Dosbarthiad Gweithredol Blaenorol

Yma nodir pa mor effeithlon y mae ynni wedi cael ei ddefnyddio yn yr adeilad hwn dros y tri chyfnod cyfrifo diwethaf.



Gwybodaeth dechnegol

Yma nodir gwybodaeth dechnegol am y modd y mae ynni yn cael ei ddefnyddio yn yr adeilad hwn. Data defnydd yn seiliedig ar ddarlleniadau amcangyfrifwyd.

Prif danwydd gwresogi: Biomass
Amgylchedd yr Adeilad: Gwresogi ac Awyru Naturiol
Cyfanswm arwynebedd y llawr a ddefnyddir (m²): 5121
Dosbarthiad Ased: Dim ar gael

	Gwresogi	Trydan
Defnydd Ynni Blyneddol (kWh/m ² /y flwyddyn)	123	123
Defnydd Ynni Nodweddiadol (kWh/m ² /y flwyddyn)	326	133
Ynni o danwydd adnewyddadwy	32.9%	0%

Gwybodaeth weinyddol

Tystysgrif Ynni i'w Harddangos yw hon fel y'i diffinnir yn Rheoliadau Perfformiad Ynni Adeiladau 2012, fel y'u diwygiwyd.

Meddalwedd Asesu: DCLG, ORCalc, v3.6.3
Cyfeirnod yr Eiddo: 647022820000
Enw'r Asesydd: Ian Charles Shaw IEng ACIBSE
Rhif yr Asesydd: LCEA026920
Cynllun Achredu: CIBSE Certification Limited
Enw Cyflogwr/Masnachu: Norland Managed Services Ltd
Cyfeiriad Cyflogwr/Masnachu: City Bridge House, 57 Southwark Street, London, SE1 1RU
Dyddiad Cyhoeddi: 12-04-2018
Dyddiad a Enwebwyd: 28-02-2018
Dilys Hyd: 27-02-2019
Datgeliad Parti Cysylltiedig: Dim perthynas â'r meddiannydd.

Mae argymhellion ar gyfer gwella perfformiad ynni'r adeilad wedi'u cynnwys yn yr Adroddiad Argymhellion perthynol - .
Gallwch gael manylion y CIBSE Certification Limited yn cibsecertification.com.

Display Energy Certificate

How efficiently is this building being used?

Welsh Assembly
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CF99 1NA

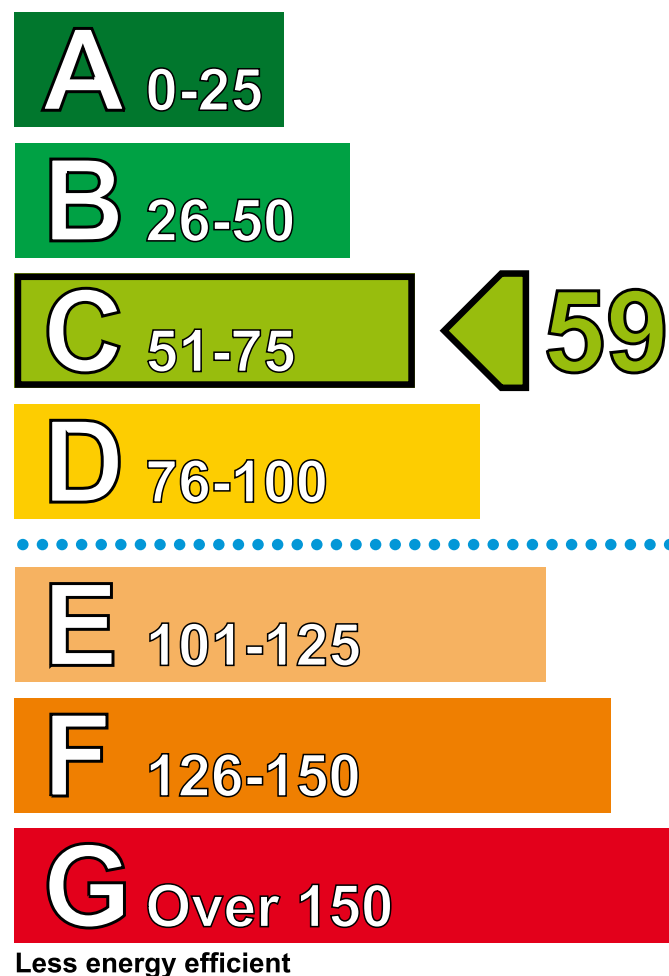
Certificate Reference Number:
9624-1082-0087-0200-4291

This certificate indicates how much energy is being used to operate this building. The operational rating is based on meter readings of all the energy actually used in the building including for lighting, heating, cooling, ventilation and hot water. It is compared to a benchmark that represents performance indicative of all buildings of this type. There is more advice on how to interpret this information in the guidance document *Display Energy Certificates and advisory reports for public buildings* available on the Government's website at: www.gov.uk/government/collections/energy-performance-certificates.

Energy Performance Operational Rating

This tells you how efficiently energy has been used in the building. The numbers do not represent actual units of energy consumed; they represent comparative energy efficiency. 100 would be typical for this kind of building.

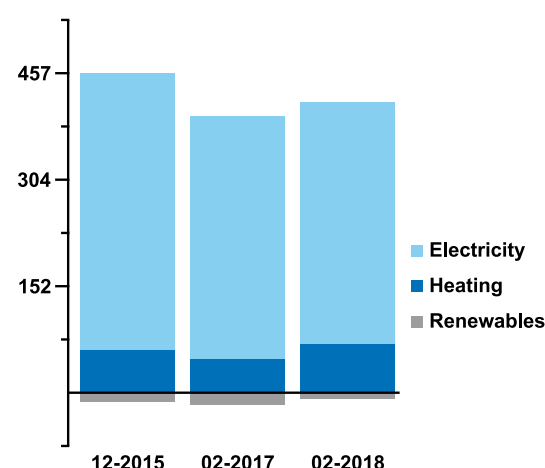
More energy efficient



Less energy efficient

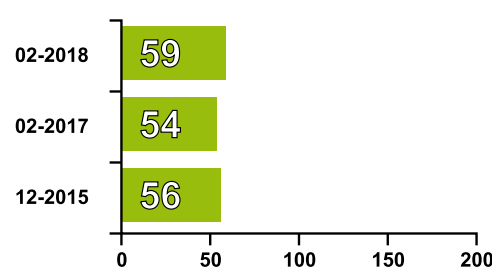
Total CO₂ Emissions

This tells you how much carbon dioxide the building emits. It shows tonnes per year of CO₂.



Previous Operational Ratings

This tells you how efficiently energy has been used in this building over the last three accounting periods.



Technical Information

This tells you technical information about how energy is used in this building. Consumption data based on estimates.

Main heating fuel: Biomass
Building environment: Heating and Natural Ventilation
Total useful floor area (m²): 5121
Asset Rating: Not available

	Heating	Electricity
Annual Energy Use (kWh/m ² /year)	123	123
Typical Energy Use (kWh/m ² /year)	326	133
Energy from renewables	32.9%	0%

Administrative Information

This is a Display Energy Certificate as defined in the Energy Performance of Buildings Regulations 2012 as amended.

Assessment Software: DCLG, ORCalc, v3.6.3
Property Reference: 647022820000
Assessor Name: Ian Charles Shaw IEng ACIBSE
Assessor Number: LCEA026920
Accreditation Scheme: CIBSE Certification Limited
Employer/Trading Name: Norland Managed Services Ltd
Employer/Trading Address: City Bridge House, 57 Southwark Street, London, SE1 1RU
Issue Date: 12-04-2018
Nominated Date: 28-02-2018
Valid Until: 27-02-2019
Related Party Disclosure: Not related to the occupier.

Recommendations for improving the energy performance of the building are contained in the associated Recommendation Report - .
You can obtain contact details of CIBSE Certification Limited at cibsecertification.com.