

Domestic Electricity Usage Data

Overview

As the UK starts to implement measure to produce less Carbon and achieve Net Zero, there are many unanswered questions to that the future of energy will look like

At present there is an industry push to use more electricity, this is primarily because in the UK we can make steps to generating our own electricity and import less material like Natural Gas

Presently 40% of electricity is generated using Gas, the future intends to see more electricity being produced by other means including Wind and solar power.

Statistics

There is national statistics that show Bradford Metropolitan District usage along with the whole of the UK.

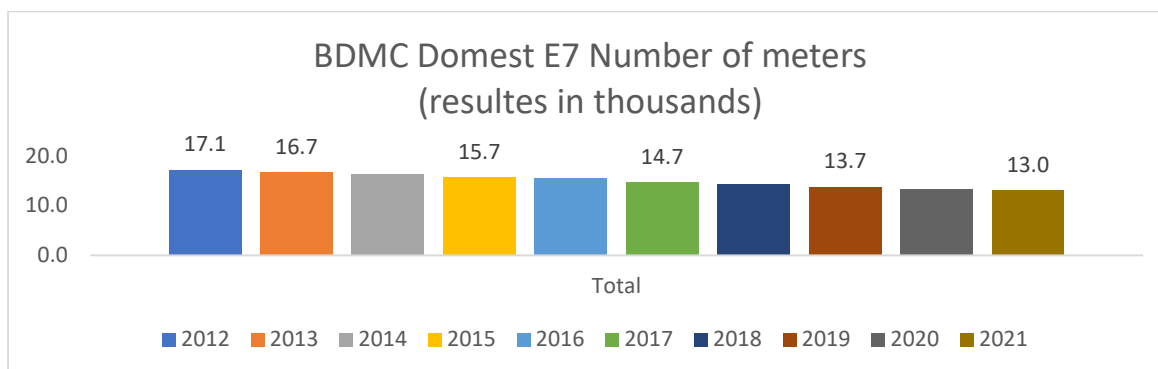
The following is a snapshot of data aimed at giving you an overview on Bradford Metropolitan District Councils Electricity usage over the years and compare this regionally.

The present Electricity data runs From February 2021 to January 2022

Bradford MDC Domestic heating by Electricity

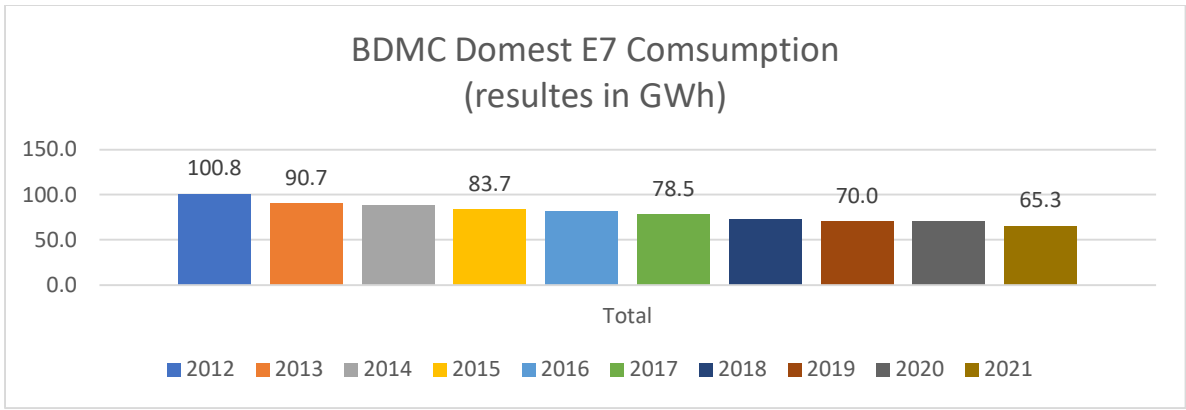
The below graph shows the number of E7 Domestic Meters in the BMDC

As you will see whilst there is a move to using more electricity in replacement of imported gas the number of E7 meter i.e properties heating with storage heater and other forms of electricity has been steadily declining. Further research is needed to determine a viable replacement choice of these properties.

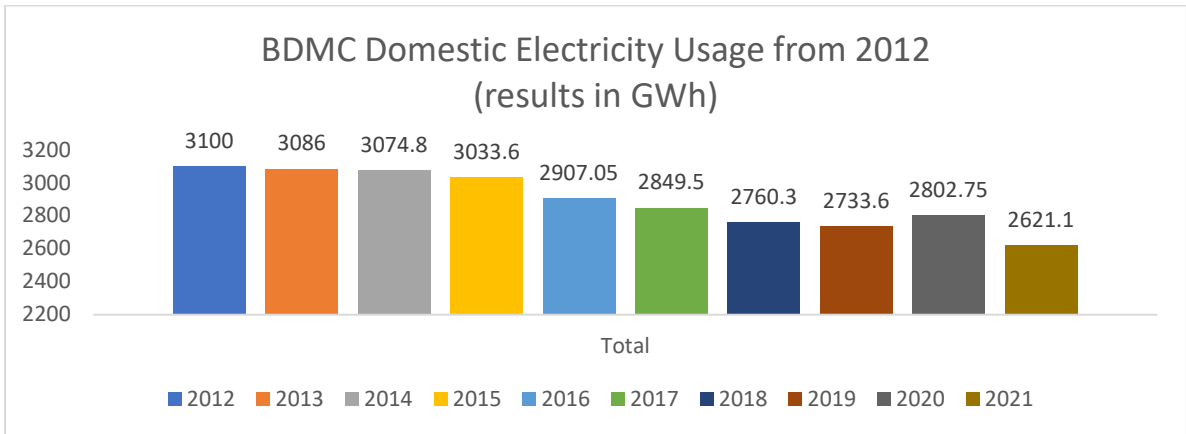


Consumption used by Domestic E7 Meters

Inline with the reduction in the amount of E7 domestic meters the below graph shows the decline in consumption from the meters in the Bradford region.



Bradford Council Domestic Usage



(One Million) Kilowatthours to a GWh

The above chart shows year on year domestic electricity usage

Extra data such as Legue tables – Bradford Councils usage mapped against the UK can be found on the attached links

Foot Notes

This data has been extracted from the Government Statistics webpage

The data is currently published annually, latest information from the (Energy Efficiency Stats department) states “We haven’t pre-announced the next publication date yet, but this is likely to be end of December.”

Other statistics publications by the Department for Energy Security and Net Zero (DESNZ) can be found on the [DESNZ statistics homepage](#).

Yorkshire and Humber Electricity Domestic Usage 2021

The following tables show (Yorkshire & Humber) region, number of Electricity business meters for each Local Authority

Total Number of Business meters	Results in (thousands)
	Year 2021
Leeds	357.4
Sheffield	245.0
Bradford	218.3
Kirklees	188.0
Wakefield	161.6
East Riding of Yorkshire	161.0
Doncaster	139.3
Kingston upon Hull, City of	123.0
Rotherham	119.4
Barnsley	113.1
Calderdale	96.4
York	91.1
North Lincolnshire	76.0
Harrogate	75.3
North East Lincolnshire	74.0
Scarborough	60.1
Hambleton	42.9
Selby	41.0
Craven	27.9
Ryedale	26.6
Richmondshire	23.4

Total Business consumption	Results in GWh
Row Labels	2021
Leeds	1,192.1
Sheffield	757.0
Bradford	724.7
Kirklees	615.6
East Riding of Yorkshire	569.8
Wakefield	496.8
Doncaster	441.5
Rotherham	365.9
Kingston upon Hull, City of	358.7
Barnsley	347.4
Calderdale	326.9
York	304.6
Harrogate	300.7
North Lincolnshire	252.2
North East Lincolnshire	233.2
Scarborough	197.9
Hambleton	173.9
Selby	154.3
Craven	110.9
Ryedale	109.8
Richmondshire	95.7

Average kWhs each Domestic electricity meter used in 2021

Regional – Average Electricity Meter Consumption in kWh

Mean consumption each Electricity Meter	Results in (kWh)
Row Labels	2021
Barnsley	3,071
Bradford	3,319
Calderdale	3,389
Craven	3,977
Doncaster	3,168
East Riding of Yorkshire	3,540
Hambleton	4,057
Harrogate	3,992
Kingston upon Hull, City of	2,915
Kirklees	3,275
Leeds	3,335
North East Lincolnshire	3,152
North Lincolnshire	3,318
Richmondshire	4,087

Rotherham	3,064
Ryedale	4,126
Scarborough	3,291
Selby	3,764
Sheffield	3,090
Wakefield	3,074
York	3,343

United Kingdom - Average Electricity Meter Consumption in KWh

The following table shows the average domestic usage per meter and unlike Business results that can be heavily swayed by empty businesses, these results will clearly indicate regions where electricity usage per meter is less.

Total Mean consumption of A Domestic Electricity Meter		Results in KWh
	Country or region	2021
Isles of Scilly	South West	6,465
Shetland Islands	Scotland	5,492
Orkney Islands	Scotland	5,479
Cotswold	South West	4,844
Elmbridge	South East	4,793
Uttlesford	East	4,744
Sevenoaks	South East	4,649
Tandridge	South East	4,621
Maldon	East	4,602
Mole Valley	South East	4,565
West Berkshire	South East	4,542
Mid Suffolk	East	4,537
Waverley	South East	4,523
Stratford-on-Avon	West Midlands	4,495
Na h-Eileanan Siar	Scotland	4,483
Eden	North West	4,482
King's Lynn and West Norfolk	East	4,439
Wealden	South East	4,435
South Oxfordshire	South East	4,414
Ceredigion	Wales	4,387
Chichester	South East	4,378
Epping Forest	East	4,373
Highland	Scotland	4,360
Cornwall	South West	4,357
Buckinghamshire	South East	4,351
Windsor and Maidenhead	South East	4,337
Horsham	South East	4,337
East Hertfordshire	East	4,333
Argyll and Bute	Scotland	4,323
Babergh	East	4,317
Tunbridge Wells	South East	4,305
West Oxfordshire	South East	4,291
East Hampshire	South East	4,281
North Norfolk	East	4,279

South Hams	South West	4,277
Runnymede	South East	4,272
South Norfolk	East	4,266
Three Rivers	East	4,260
Guildford	South East	4,259
South Cambridgeshire	East	4,258
Winchester	South East	4,255
Surrey Heath	South East	4,254
West Devon	South West	4,238
Breckland	East	4,228
Forest of Dean	South West	4,221
Brentwood	East	4,219
Wiltshire	South West	4,214
Malvern Hills	West Midlands	4,205
Rutland	East Midlands	4,184
Woking	South East	4,169
Mid Devon	South West	4,168
East Cambridgeshire	East	4,156
Hart	South East	4,138
Herefordshire, County of	West Midlands	4,138
Aberdeenshire	Scotland	4,131
Ryedale	Yorkshire and The Humber	4,126
Test Valley	South East	4,123
Wychavon	West Midlands	4,103
Hertsmere	East	4,102
Reigate and Banstead	South East	4,099
Richmondshire	Yorkshire and The Humber	4,087
Torridge	South West	4,086
Ribble Valley	North West	4,070
Rother	South East	4,063
South Lakeland	North West	4,062
Hambleton	Yorkshire and The Humber	4,057
St Albans	East	4,050
East Lindsey	East Midlands	4,038
Derbyshire Dales	East Midlands	4,037
South Somerset	South West	4,037
Braintree	East	4,036
South Holland	East Midlands	4,035
Chelmsford	East	4,029
Harborough	East Midlands	4,027
Wokingham	South East	4,018
Vale of White Horse	South East	4,018
Ashford	South East	4,016
Mid Sussex	South East	4,013
Stroud	South West	4,002
Harrogate	Yorkshire and The Humber	3,992
Powys	Wales	3,988
Rochford	East	3,983

Bromsgrove	West Midlands	3,981
Epsom and Ewell	South East	3,977
Craven	Yorkshire and The Humber	3,977
Cherwell	South East	3,976
Tonbridge and Malling	South East	3,959
Perth and Kinross	Scotland	3,954
Castle Point	East	3,948
West Suffolk	East	3,943
Isle of Anglesey	Wales	3,923
Shropshire	West Midlands	3,919
Fenland	East	3,916
North Hertfordshire	East	3,914
Melton	East Midlands	3,905
Bracknell Forest	South East	3,900
Barnet	Outer London	3,894
New Forest	South East	3,894
Basingstoke and Deane	South East	3,882
Broadland	East	3,872
Sedgemoor	South West	3,866
Mendip	South West	3,862
Kensington and Chelsea	Inner London	3,848
City of London	Inner London	3,847
Maidstone	South East	3,846
South Kesteven	East Midlands	3,845
West Northamptonshire	East Midlands	3,838
Dacorum	East	3,835
East Suffolk	East	3,831
Thurrock	East	3,827
North Devon	South West	3,826
Lichfield	West Midlands	3,818
Huntingdonshire	East	3,817
North Warwickshire	West Midlands	3,814
Gwynedd	Wales	3,810
Dorset	South West	3,808
Broxbourne	East	3,804
Cheshire East	North West	3,799
Richmond upon Thames	Outer London	3,798
North Kesteven	East Midlands	3,794
West Lindsey	East Midlands	3,793
Spelthorne	South East	3,783
Welwyn Hatfield	East	3,781
South Staffordshire	West Midlands	3,776
Central Bedfordshire	East	3,776
Rushcliffe	East Midlands	3,775
Basildon	East	3,775
Lewes	South East	3,774
Selby	Yorkshire and The Humber	3,764
Monmouthshire	Wales	3,755
Warwick	West Midlands	3,754

North West Leicestershire	East Midlands	3,754
Stirling	Scotland	3,747
Teignbridge	South West	3,728
Tewkesbury	South West	3,720
Kingston upon Thames	Outer London	3,718
Colchester	East	3,715
Somerset West and Taunton	South West	3,702
Solihull	West Midlands	3,702
Newark and Sherwood	East Midlands	3,701
Bromley	Outer London	3,691
Westminster	Inner London	3,685
Bedford	East	3,684
West Lancashire	North West	3,681
Staffordshire Moorlands	West Midlands	3,679
East Devon	South West	3,679
Boston	East Midlands	3,678
Bath and North East Somerset	South West	3,672
Fylde	North West	3,661
Rugby	West Midlands	3,661
Redbridge	Outer London	3,655
Harrow	Outer London	3,652
Tendring	East	3,648
Trafford	North West	3,646
Sutton	Outer London	3,645
Moray	Scotland	3,643
Swale	South East	3,640
Great Yarmouth	East	3,634
Dumfries and Galloway	Scotland	3,629
Stafford	West Midlands	3,622
Hillingdon	Outer London	3,620
Hinckley and Bosworth	East Midlands	3,609
Bassetlaw	East Midlands	3,607
South Derbyshire	East Midlands	3,605
Enfield	Outer London	3,601
Arun	South East	3,597
Havering	Outer London	3,587
Angus	Scotland	3,582
Pembrokeshire	Wales	3,582
Wyre Forest	West Midlands	3,576
Denbighshire	Wales	3,574
East Staffordshire	West Midlands	3,566
South Gloucestershire	South West	3,563
Adur	South East	3,558
North Northamptonshire	East Midlands	3,557
Scottish Borders	Scotland	3,551
Fareham	South East	3,551
Canterbury	South East	3,550
High Peak	East Midlands	3,546
East Renfrewshire	Scotland	3,545
Slough	South East	3,541
Watford	East	3,541

East Riding of Yorkshire	Yorkshire and The Humber	3,540
Bexley	Outer London	3,532
Hounslow	Outer London	3,530
Gravesham	South East	3,529
Reading	South East	3,518
Folkestone and Hythe	South East	3,514
Blaby	East Midlands	3,511
Milton Keynes	South East	3,508
Chorley	North West	3,507
Carmarthenshire	Wales	3,506
North Somerset	South West	3,505
Amber Valley	East Midlands	3,504
Isle of Wight	South East	3,504
Cheshire West and Chester	North West	3,503
Copeland	North West	3,493
Allerdale	North West	3,492
Croydon	Outer London	3,489
Merton	Outer London	3,486
Havant	South East	3,486
Wyre	North West	3,484
Southend-on-Sea	East	3,484
Gedling	East Midlands	3,480
East Lothian	Scotland	3,479
Stockport	North West	3,476
Tamworth	West Midlands	3,464
Eastleigh	South East	3,458
Dartford	South East	3,454
Salford	North West	3,450
Medway	South East	3,449
Worthing	South East	3,446
Southampton	South East	3,444
Rossendale	North West	3,441
Walsall	West Midlands	3,438
Birmingham	West Midlands	3,435
Rushmoor	South East	3,427
Manchester	North West	3,424
East Dunbartonshire	Scotland	3,423
Bournemouth, Christchurch and Poole	South West	3,421
Cannock Chase	West Midlands	3,420
Lancaster	North West	3,417
Oxford	South East	3,417
Flintshire	Wales	3,416
Charnwood	East Midlands	3,403
Swindon	South West	3,399
Wolverhampton	West Midlands	3,399
Calderdale	Yorkshire and The Humber	3,389
Oadby and Wigston	East Midlands	3,386
Vale of Glamorgan	Wales	3,384
Crawley	South East	3,384

Wrexham	Wales	3,377
Northumberland	North East	3,364
Redditch	West Midlands	3,358
Carlisle	North West	3,358
Cheltenham	South West	3,358
Bury	North West	3,358
North East Derbyshire	East Midlands	3,357
Ipswich	East	3,355
Gosport	South East	3,355
Gloucester	South West	3,349
York	Yorkshire and The Humber	3,343
Torbay	South West	3,343
Luton	East	3,339
South Ribble	North West	3,337
Nuneaton and Bedworth	West Midlands	3,335
Leeds	Yorkshire and The Humber	3,335
Dudley	West Midlands	3,326
Preston	North West	3,323
Warrington	North West	3,321
South Lanarkshire	Scotland	3,319
Bradford	Yorkshire and The Humber	3,319
North Lincolnshire	Yorkshire and The Humber	3,318
Newcastle-under-Lyme	West Midlands	3,317
Broxtowe	East Midlands	3,316
Dover	South East	3,316
Worcester	West Midlands	3,307
Peterborough	East	3,307
Stevenage	East	3,305
Brent	Outer London	3,305
Erewash	East Midlands	3,298
Bolton	North West	3,291
Scarborough	Yorkshire and The Humber	3,291
Conwy	Wales	3,287
Kirklees	Yorkshire and The Humber	3,275
Thanet	South East	3,270
Ealing	Outer London	3,259
Blackpool	North West	3,258
Harlow	East	3,255
West Lothian	Scotland	3,251
Ashfield	East Midlands	3,248
Telford and Wrekin	West Midlands	3,246
Coventry	West Midlands	3,241
Sandwell	West Midlands	3,236
Nottingham	East Midlands	3,235
Cambridge	East	3,234
Rochdale	North West	3,230

Leicester	East Midlands	3,230
Blackburn with Darwen	North West	3,227
Midlothian	Scotland	3,217
Bristol, City of	South West	3,217
Derby	East Midlands	3,215
Wandsworth	Inner London	3,203
Hastings	South East	3,199
Brighton and Hove	South East	3,190
Bolsover	East Midlands	3,185
South Ayrshire	Scotland	3,181
Eastbourne	South East	3,175
Sefton	North West	3,173
Cardiff	Wales	3,172
Oldham	North West	3,172
Portsmouth	South East	3,171
Barking and Dagenham	Outer London	3,169
Doncaster	Yorkshire and The Humber	3,168
Wigan	North West	3,166
Pendle	North West	3,163
Wirral	North West	3,161
North East Lincolnshire	Yorkshire and The Humber	3,152
Halton	North West	3,145
Newport	Wales	3,143
Mansfield	East Midlands	3,141
Fife	Scotland	3,130
Dundee City	Scotland	3,125
Falkirk	Scotland	3,124
Clackmannanshire	Scotland	3,121
Exeter	South West	3,119
Tameside	North West	3,118
Bridgend	Wales	3,113
Camden	Inner London	3,112
Darlington	North East	3,103
Waltham Forest	Outer London	3,091
Tower Hamlets	Inner London	3,090
Sheffield	Yorkshire and The Humber	3,090
Wakefield	Yorkshire and The Humber	3,074
Caerphilly	Wales	3,073
Barnsley	Yorkshire and The Humber	3,071
North Lanarkshire	Scotland	3,070
North Ayrshire	Scotland	3,067
Rotherham	Yorkshire and The Humber	3,064
Hammersmith and Fulham	Inner London	3,059
Swansea	Wales	3,057
Plymouth	South West	3,052
Burnley	North West	3,051

Haringey	Inner London	3,050
Stockton-on-Tees	North East	3,049
St. Helens	North West	3,044
Southwark	Inner London	3,038
Neath Port Talbot	Wales	3,037
Newham	Inner London	3,034
Greenwich	Outer London	3,032
Chesterfield	East Midlands	3,029
Lewisham	Inner London	3,028
Hyndburn	North West	3,028
East Ayrshire	Scotland	3,023
Stoke-on-Trent	West Midlands	3,021
Knowsley	North West	3,012
Newcastle upon Tyne	North East	2,998
Torfaen	Wales	2,996
Lincoln	East Midlands	2,996
Liverpool	North West	2,981
City of Edinburgh	Scotland	2,974
County Durham	North East	2,961
Norwich	East	2,958
Barrow-in-Furness	North West	2,955
Rhondda Cynon Taf	Wales	2,944
Merthyr Tydfil	Wales	2,916
Kingston upon Hull, City of	Yorkshire and The Humber	2,915
Redcar and Cleveland	North East	2,912
Hackney	Inner London	2,910
Hartlepool	North East	2,908
Middlesbrough	North East	2,896
Lambeth	Inner London	2,889
Aberdeen City	Scotland	2,878
Gateshead	North East	2,866
Blaenau Gwent	Wales	2,857
Renfrewshire	Scotland	2,843
Islington	Inner London	2,830
North Tyneside	North East	2,828
Inverclyde	Scotland	2,822
Sunderland	North East	2,822
West Dunbartonshire	Scotland	2,722
South Tyneside	North East	2,696
Glasgow City	Scotland	2,656