

Business 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

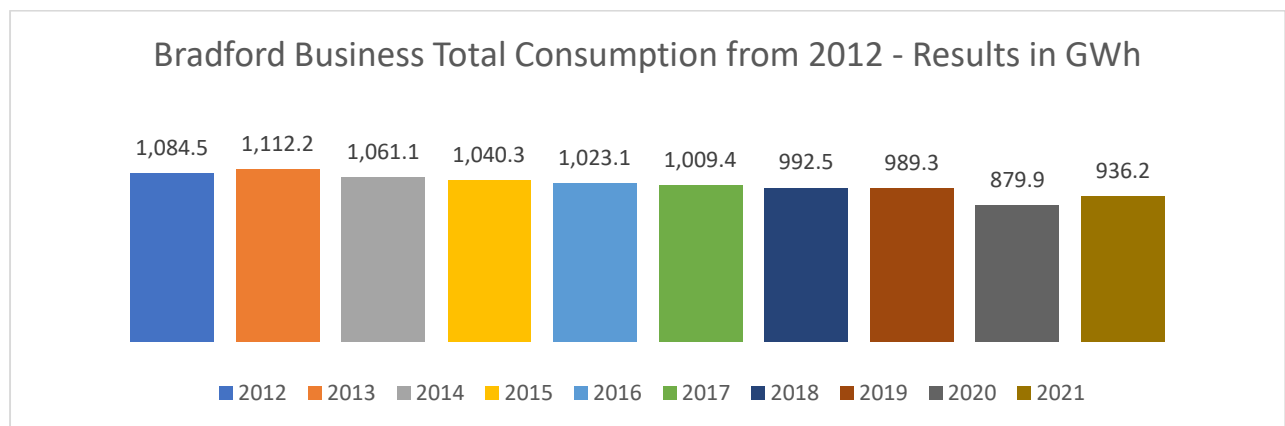
There is national statistics that show Bradford Metropolitan District usage along with the whole of the UK.

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

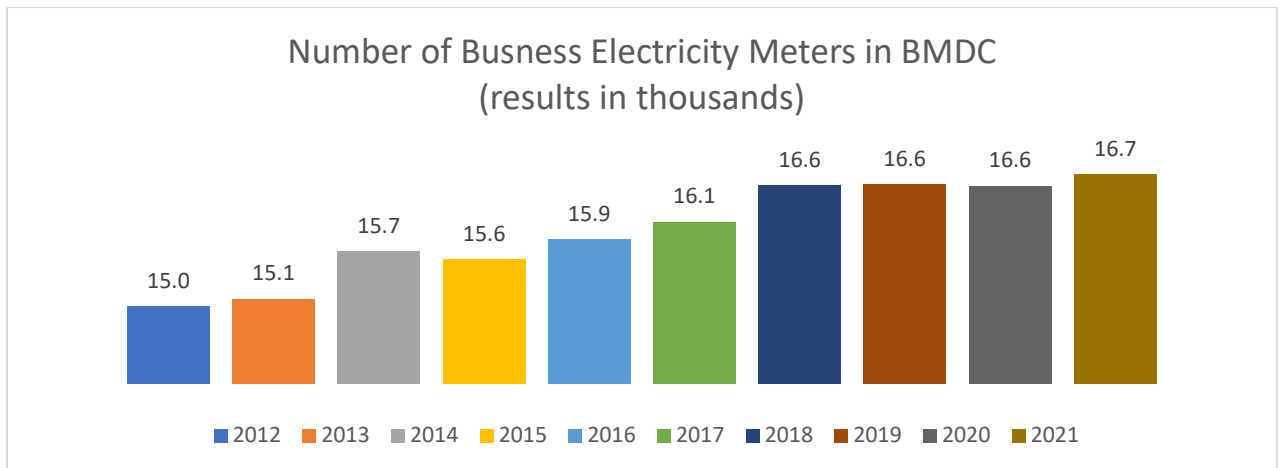
The present Electricity data runs From January 2021 to 2022

Yorkshire and Humber Electricity Usage 2021

The attachment on this page lists number of Electricity Business Meters in the Yorkshire Humber Region and relative consumptions, including National Mean (average consumption of each meter per Local Authority)



(One Million) Kilowatthours to a GWh



As per above graphs the relationship between the number of Business electricity meter their yearly consumption can be a questionable one and with further research will need to take into account how business in the borough is doing – how many empty business properties are in that borough etc

Because this will affect the (Mean) data detailing the average consumption of each meter

As we know Local Authority borrows varying sizes, hence larger boroughs could have more electricity business meters, so you cannot directly compare differing boroughs until you reduce the results to a mean (the average consumption of each meter)

The attachment on this page lists number of Electricity Business Meters in the Yorkshire Humber Region and relative consumptions, including National Mean (average consumption of each meter per Local Authority)

Foot Notes

This data has been extracted from the Government Statistics webpage

For electricity, half-hourly data (higher-consuming non-domestic meters) covers consumption over the calendar year (January to December).

The data is currently published annually, latest information from w 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 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	27.0
Sheffield	18.1
Bradford	16.7
East Riding of Yorkshire	14.3
Kirklees	14.0
Wakefield	10.8
Doncaster	9.5
Kingston upon Hull	9.0
Harrogate	8.5
York	7.8
Calderdale	7.7
Rotherham	7.5
Scarborough	6.9
Barnsley	6.8
North Lincolnshire	6.4
Hambleton	5.8
North East Lincolnshire	5.1
Ryedale	4.2
Craven	3.9
Selby	3.6
Richmondshire	3.2
Grand Total	196.6

Total Business consumption	Results in (GWh) Year 2021
Leeds	1,847.0
Sheffield	1,417.1
Wakefield	1,089.1
East Riding of Yorkshire	1,079.7
North Lincolnshire	990.9
Bradford	936.2
Doncaster	872.2
Kirklees	759.0
Kingston upon Hull	691.5
Rotherham	592.2
North East Lincolnshire	574.0
Barnsley	540.2
Harrogate	483.0
Calderdale	451.2
York	409.0
Hambleton	323.8
Selby	312.7
Scarborough	268.9
Ryedale	202.3
Craven	144.7
Richmondshire	123.6
Grand Total	14,108.5

Average KWhs each Business electricity meter used in 2021

Regional - Average Electricity Meter Consumption in KWh

Mean consumption each Electricity Meter in	Results in (KWh)
Yorkshire Region	2021
North Lincolnshire	155,901.8
North East Lincolnshire	113,388.2
Wakefield	100,770.0
Doncaster	91,791.5
Selby	87,651.1
Rotherham	79,425.2
Barnsley	79,015.2
Sheffield	78,389.1
Kingston upon Hull, City of	76,911.2
East Riding of Yorkshire	75,455.8
Leeds	68,530.1
Calderdale	58,630.9
Harrogate	57,031.9
Hambleton	56,213.2
Bradford	56,058.8
Kirklees	54,342.1
York	52,372.1
Ryedale	47,918.5
Scarborough	38,713.2
Richmondshire	38,145.7
Craven	37,146.7
Grand Total	1,503,802.2

United Kingdom - Average Electricity Meter Consumption in KWh

Total Mean consumption of A Business Electricity Meter		Results in KWh
Local Authority	Country or region	2021
Slough	South East	288,052
Neath Port Talbot	Wales	274,430
City of London	Inner London	234,148
Stockton-on-Tees	North East	161,786
North Lincolnshire	Yorkshire and The Humber	155,902

High Peak	East Midlands	154,560
North Warwickshire	West Midlands	146,443
Thurrock	East	142,042
Flintshire	Wales	139,447
Clackmannanshire	Scotland	139,163
Redcar and Cleveland	North East	137,674
Rutland	East Midlands	137,144
Knowsley	North West	134,192
Welwyn Hatfield	East	131,037
Wrexham	Wales	130,590
Halton	North West	128,961
Newport	Wales	128,417
Hillingdon	Outer London	125,486
Crawley	South East	121,035
Tower Hamlets	Inner London	119,350
Rugby	West Midlands	118,039
Barrow-in-Furness	North West	116,675
South Derbyshire	East Midlands	115,574
North East Lincolnshire	Yorkshire and The Humber	113,388
Cheshire West and Chester	North West	112,524
Bolsover	East Midlands	109,861
Trafford	North West	109,423
North West Leicestershire	East Midlands	109,121
Ribble Valley	North West	105,279
Wakefield	Yorkshire and The Humber	100,770
Woking	South East	100,536
Hartlepool	North East	99,693
Milton Keynes	South East	96,171
Ashfield	East Midlands	94,186
Hounslow	Outer London	94,147

St. Helens	North West	93,818
South Holland	East Midlands	93,759
South Staffordshire	West Midlands	93,733
Telford and Wrekin	West Midlands	93,682
East Staffordshire	West Midlands	93,332
Doncaster	Yorkshire and The Humber	91,792
West Lancashire	North West	91,690
Hart	South East	90,917
Swindon	South West	89,635
Torfaen	Wales	89,050
Peterborough	East	88,778
Blaby	East Midlands	88,502
Selby	Yorkshire and The Humber	87,651
Pembrokeshire	Wales	86,646
Bracknell Forest	South East	85,588
Solihull	West Midlands	85,514
Stevenage	East	84,495
Warrington	North West	83,957
Newham	Inner London	83,341
Sunderland	North East	82,966
Cambridge	East	82,832
Swale	South East	82,789
North Northamptonshire	East Midlands	82,722
Vale of Glamorgan	Wales	81,095
Fenland	East	80,995
Vale of White Horse	South East	80,714
Dacorum	East	80,505
Oxford	South East	80,282
North East Derbyshire	East Midlands	80,191
Gravesham	South East	80,129

Gateshead	North East	79,910
North Lanarkshire	Scotland	79,505
Rotherham	Yorkshire and The Humber	79,425
Manchester	North West	79,239
Basingstoke and Deane	South East	79,036
Barnsley	Yorkshire and The Humber	79,015
Falkirk	Scotland	78,834
Sheffield	Yorkshire and The Humber	78,389
Amber Valley	East Midlands	78,183
South Cambridgeshire	East	78,084
Tewkesbury	South West	77,948
South Oxfordshire	South East	77,630
Kingston upon Hull, City of	Yorkshire and The Humber	76,911
West Lothian	Scotland	76,481
Harlow	East	75,638
East Riding of Yorkshire	Yorkshire and The Humber	75,456
South Gloucestershire	South West	75,213
Watford	East	75,089
West Suffolk	East	74,157
North Tyneside	North East	73,958
Allerdale	North West	73,842
Bassetlaw	East Midlands	73,810
Cardiff	Wales	73,693
South Ribble	North West	73,198
Eastleigh	South East	73,115
West Berkshire	South East	72,852
Gloucester	South West	72,571
Staffordshire Moorlands	West Midlands	72,517
East Lothian	Scotland	72,399
Blaenau Gwent	Wales	72,185

Charnwood	East Midlands	72,133
Renfrewshire	Scotland	72,124
Melton	East Midlands	71,934
Redditch	West Midlands	71,033
Rossendale	North West	70,950
Boston	East Midlands	70,872
Wokingham	South East	70,554
Rushmoor	South East	70,366
West Northamptonshire	East Midlands	70,332
Rochdale	North West	69,893
North Ayrshire	Scotland	69,496
Cherwell	South East	69,475
Wigan	North West	68,931
Midlothian	Scotland	68,929
Derby	East Midlands	68,906
Ealing	Outer London	68,710
Leeds	Yorkshire and The Humber	68,530
Wychavon	West Midlands	68,439
Aberdeen City	Scotland	68,293
Caerphilly	Wales	68,005
Sandwell	West Midlands	67,811
Runnymede	South East	67,599
Huntingdonshire	East	67,055
Westminster	Inner London	66,610
Liverpool	North West	66,456
Tamworth	West Midlands	66,303
Newcastle upon Tyne	North East	66,302
Bedford	East	66,273
Mansfield	East Midlands	66,177
Three Rivers	East	65,944

Reading	South East	65,811
King's Lynn and West Norfolk	East	65,751
Blackburn with Darwen	North West	65,707
Luton	East	65,685
Hertsmere	East	65,337
Coventry	West Midlands	65,127
Lichfield	West Midlands	64,929
Carlisle	North West	64,887
Portsmouth	South East	64,725
North Kesteven	East Midlands	64,721
Wyre	North West	64,675
Broxbourne	East	64,428
Fife	Scotland	63,857
West Dunbartonshire	Scotland	63,831
Stoke-on-Trent	West Midlands	63,783
Newark and Sherwood	East Midlands	63,764
Bridgend	Wales	63,582
Salford	North West	63,369
Fareham	South East	63,126
Darlington	North East	63,024
County Durham	North East	62,993
Leicester	East Midlands	62,917
Northumberland	North East	62,676
Basildon	East	62,252
Cheshire East	North West	62,176
Glasgow City	Scotland	62,167
Stirling	Scotland	61,369
Hinckley and Bosworth	East Midlands	61,320
Forest of Dean	South West	61,235
Exeter	South West	61,234

Burnley	North West	61,076
Mid Suffolk	East	60,950
Moray	Scotland	60,815
Inverclyde	Scotland	60,688
Newcastle-under-Lyme	West Midlands	60,567
East Cambridgeshire	East	60,525
South Kesteven	East Midlands	60,480
Rushcliffe	East Midlands	60,379
Cheltenham	South West	60,357
Surrey Heath	South East	60,166
Spelthorne	South East	59,982
Oldham	North West	59,957
Central Bedfordshire	East	59,860
Worcester	West Midlands	59,575
Stafford	West Midlands	59,527
Merthyr Tydfil	Wales	59,516
Sedgemoor	South West	59,381
Test Valley	South East	59,306
Tonbridge and Malling	South East	58,938
Birmingham	West Midlands	58,898
Chelmsford	East	58,766
Swansea	Wales	58,719
Calderdale	Yorkshire and The Humber	58,631
Plymouth	South West	58,538
Reigate and Banstead	South East	58,382
Wolverhampton	West Midlands	58,258
Nottingham	East Midlands	58,165
Tameside	North West	58,123
Lincoln	East Midlands	58,079
City of Edinburgh	Scotland	57,119

Harrogate	Yorkshire and The Humber	57,032
Fylde	North West	56,751
East Dunbartonshire	Scotland	56,513
Windsor and Maidenhead	South East	56,343
Dundee City	Scotland	56,304
Dartford	South East	56,298
Hambleton	Yorkshire and The Humber	56,213
Warwick	West Midlands	56,159
Mole Valley	South East	56,123
East Suffolk	East	56,093
Bradford	Yorkshire and The Humber	56,059
Pendle	North West	56,022
Nuneaton and Bedworth	West Midlands	55,961
Preston	North West	55,894
Erewash	East Midlands	55,638
Merton	Outer London	55,482
Bolton	North West	55,422
Hyndburn	North West	55,300
Bexley	Outer London	54,857
Derbyshire Dales	East Midlands	54,844
Guildford	South East	54,779
Stroud	South West	54,683
Walsall	West Midlands	54,546
Barking and Dagenham	Outer London	54,531
Kirklees	Yorkshire and The Humber	54,342
Maidstone	South East	54,148
Bury	North West	54,131
Wiltshire	South West	54,128
Middlesbrough	North East	53,879
South Norfolk	East	53,798

Highland	Scotland	53,689
Chorley	North West	53,524
Winchester	South East	53,394
Enfield	Outer London	53,348
Eden	North West	52,843
Oadby and Wigston	East Midlands	52,803
West Oxfordshire	South East	52,726
Carmarthenshire	Wales	52,484
New Forest	South East	52,409
York	Yorkshire and The Humber	52,372
Rhondda Cynon Taf	Wales	52,137
Stockport	North West	52,090
Canterbury	South East	52,031
Tunbridge Wells	South East	51,932
Cannock Chase	West Midlands	51,892
Chesterfield	East Midlands	51,864
Adur	South East	51,674
Wyre Forest	West Midlands	51,640
Bristol, City of	South West	51,540
Dudley	West Midlands	51,509
Sutton	Outer London	51,401
Stratford-on-Avon	West Midlands	51,311
Brent	Outer London	51,190
East Ayrshire	Scotland	51,101
North Norfolk	East	50,962
Gedling	East Midlands	50,855
South Lanarkshire	Scotland	50,750
Angus	Scotland	50,618
Southampton	South East	50,499
Broadland	East	50,439

Gosport	South East	50,304
Herefordshire, County of	West Midlands	50,062
Breckland	East	49,499
Uttlesford	East	49,420
Aberdeenshire	Scotland	49,334
West Lindsey	East Midlands	48,922
Wirral	North West	48,609
Lancaster	North West	48,421
Medway	South East	48,220
Harborough	East Midlands	48,019
Ryedale	Yorkshire and The Humber	47,919
Chichester	South East	47,709
North Hertfordshire	East	47,614
Mendip	South West	47,483
South Ayrshire	Scotland	47,375
Havant	South East	47,269
Southwark	Inner London	47,265
East Lindsey	East Midlands	47,047
Ashford	South East	46,998
Havering	Outer London	46,945
East Hertfordshire	East	46,906
Monmouthshire	Wales	46,852
Buckinghamshire	South East	46,675
Dumfries and Galloway	Scotland	46,344
Colchester	East	46,107
Camden	Inner London	45,979
Shropshire	West Midlands	45,666
North Somerset	South West	45,545
Maldon	East	45,213
Rochford	East	45,028

South Tyneside	North East	45,020
Croydon	Outer London	44,886
Kingston upon Thames	Outer London	44,757
St Albans	East	44,612
Hammersmith and Fulham	Inner London	44,448
Brentwood	East	44,259
Sefton	North West	44,216
South Somerset	South West	44,100
Greenwich	Outer London	43,936
Broxtowe	East Midlands	43,349
Kensington and Chelsea	Inner London	43,194
Shetland Islands	Scotland	43,001
Ipswich	East	42,820
Babergh	East	42,351
Folkestone and Hythe	South East	42,258
Bromsgrove	West Midlands	41,454
Dover	South East	41,429
Bournemouth, Christchurch and Poole	South West	41,384
Elmbridge	South East	41,206
Haringey	Inner London	41,108
Braintree	East	41,042
Perth and Kinross	Scotland	40,806
Mid Sussex	South East	40,349
Mid Devon	South West	40,308
Dorset	South West	40,045
Horsham	South East	39,953
Norwich	East	39,942
Thanet	South East	39,707
South Hams	South West	39,318

Denbighshire	Wales	38,830
Scarborough	Yorkshire and The Humber	38,713
Great Yarmouth	East	38,500
Richmondshire	Yorkshire and The Humber	38,146
Malvern Hills	West Midlands	38,046
Southend-on-Sea	East	38,008
South Lakeland	North West	37,920
North Devon	South West	37,779
East Hampshire	South East	37,619
Tandridge	South East	37,337
Craven	Yorkshire and The Humber	37,147
Isle of Anglesey	Wales	37,126
Islington	Inner London	37,043
Cornwall	South West	37,032
Tendring	East	36,881
Sevenoaks	South East	36,727
Castle Point	East	36,586
Epping Forest	East	36,337
East Renfrewshire	Scotland	36,248
Scottish Borders	Scotland	35,749
Somerset West and Taunton	South West	35,730
Eastbourne	South East	35,587
Blackpool	North West	35,425
Copeland	North West	34,864
Isle of Wight	South East	34,531
Epsom and Ewell	South East	34,510
Barnet	Outer London	34,029
Worthing	South East	33,894
Arun	South East	33,813
Lewes	South East	33,529

Bath and North East Somerset	South West	33,507
Waltham Forest	Outer London	33,278
Richmond upon Thames	Outer London	33,273
Rother	South East	32,903
Waverley	South East	32,217
Argyll and Bute	Scotland	32,208
West Devon	South West	31,955
Bromley	Outer London	31,910
Lambeth	Inner London	31,863
Ceredigion	Wales	31,671
Na h-Eileanan Siar	Scotland	31,664
Teignbridge	South West	31,415
Cotswold	South West	31,284
Torbay	South West	31,000
Hackney	Inner London	30,485
Hastings	South East	30,231
East Devon	South West	30,015
Gwynedd	Wales	29,967
Wealden	South East	29,364
Brighton and Hove	South East	29,211
Conwy	Wales	28,675
Redbridge	Outer London	28,497
Wandsworth	Inner London	28,150
Harrow	Outer London	28,058
Powys	Wales	27,306
Torridge	South West	26,665
Orkney Islands	Scotland	24,938
Lewisham	Inner London	22,243
Isles of Scilly	South West	18,238