

2022/23

Total volume of water used (in litres) in the university. 776,014,000 litres

|                                      |                 |
|--------------------------------------|-----------------|
| Electricity                          | 89.8 GWh        |
|                                      | 89,816,729 kWh  |
|                                      | 323,340,224 MJ  |
|                                      | 323,340 GJ      |
| Gas                                  | 179.2 GWh       |
|                                      | 179,238,805 kWh |
|                                      | 645,259,698 MJ  |
|                                      | 645,260 GJ      |
| Total energy used in Gigajoule (GJ). | 968,600 GJ      |

Energy used from low-carbon sources: 65,993 kWh  
237,575 MJ

Power generation sources (wind, solar, nuclear) 238 GJ

10,613 kWh

38,207 MJ

Solar Thermal 38 GJ

69,125 kWh

248,850 MJ

GSHP 249 GJ

Energy used from low-carbon sources: Total 525 GJ



2021/22

Total volume of water used (in litres) in the university. 690,607,000 litres

|                                      |                 |
|--------------------------------------|-----------------|
| Electricity                          | 100.3 GWh       |
|                                      | 100,289,794 kWh |
|                                      | 361,043,258 MJ  |
|                                      | 361,043 GJ      |
| Gas                                  | 147.3 GWh       |
|                                      | 147,275,565 kWh |
|                                      | 530,192,034 MJ  |
|                                      | 530,192 GJ      |
| Total energy used in Gigajoule (GJ). | 891,235 GJ      |

Energy used from low-carbon sources: 79,377 kWh  
285,757 MJ

Power generation sources (wind, solar, nuclear) 286 GJ

13,470 kWh  
48,492 MJ

Solar Thermal 48 GJ

69,125 kWh  
248,850 MJ

GSHP 249 GJ

Energy used from low-carbon sources: Total 583 GJ



2020/21

Total volume of water used (in litres) in the university. 611,732,000 litres

|                                      |                 |
|--------------------------------------|-----------------|
| Electricity                          | 91.4 GWh        |
|                                      | 91,400,000 kWh  |
|                                      | 329,040,000 MJ  |
|                                      | 329,040 GJ      |
| Gas                                  | 131.7 GWh       |
|                                      | 131,700,000 kWh |
|                                      | 474,120,000 MJ  |
|                                      | 474,120 GJ      |
| Total energy used in Gigajoule (GJ). | 803,160 GJ      |

Energy used from low-carbon sources: 68,967 kWh  
248,281 MJ

Power generation sources (wind, solar, nuclear) 248 GJ

13,470 kWh

48,492 MJ

Solar Thermal 48 GJ

69,125 kWh

248,850 MJ

GSHP 249 GJ

Energy used from low-carbon sources: Total 546 GJ



2019/20

Total volume of water used (in litres) in the university. 670,587,420 litres

|                                      |                 |
|--------------------------------------|-----------------|
| Electricity                          | 99.3 GWh        |
|                                      | 99,300,000 kWh  |
|                                      | 357,480,000 MJ  |
|                                      | 357,480 GJ      |
| Gas                                  | 140.9 GWh       |
|                                      | 140,900,000 kWh |
|                                      | 507,240,000 MJ  |
|                                      | 507,240 GJ      |
| Total energy used in Gigajoule (GJ). | 864,720 GJ      |

Energy used from low-carbon sources: 73,532 kWh  
264,715 MJ

Power generation sources (wind, solar, nuclear) 265 GJ

12,255 kWh

44,118 MJ

Solar Thermal 44 GJ

604,510 kWh

2,176,236 MJ

GSHP 2,176 GJ

Energy used from low-carbon sources: Total 2,485 GJ





2018/19

Total volume of water used (in litres) in the university. 878,834,000 litres

|                                      |                 |
|--------------------------------------|-----------------|
| Electricity                          | 104.4 GWh       |
|                                      | 104,379,000 kWh |
|                                      | 375,764,400 MJ  |
|                                      | 375,764 GJ      |
| Gas                                  | 135.2 GWh       |
|                                      | 135,201,000 kWh |
|                                      | 486,723,600 MJ  |
|                                      | 486,724 GJ      |
| Total energy used in Gigajoule (GJ). | 862,488 GJ      |

Energy used from low-carbon sources: 33,827 kWh  
121,777 MJ

Power generation sources (wind, solar, nuclear) 122 GJ

13,809 kWh  
49,712 MJ

Solar Thermal 50 GJ

531,930 kWh  
1,914,948 MJ

GSHP 1,915 GJ

Energy used from low-carbon sources: Total 2,086 GJ



2017/18

|                                                           |                                                              |
|-----------------------------------------------------------|--------------------------------------------------------------|
| Total volume of water used (in litres) in the university. | 1,035,567,054 litres                                         |
| Rainwater                                                 | 2,112,054 litres                                             |
| Water                                                     | 1,033,455,000 litres                                         |
| Electricity                                               | 103.4 GWh<br>103,400,000 kWh<br>372,240,000 MJ<br>372,240 GJ |
| Gas                                                       | 137.5 GWh<br>137,500,000 kWh<br>495,000,000 MJ<br>495,000 GJ |
| Total energy used in Gigajoule (GJ).                      | 867,240 GJ                                                   |
| Energy used from low-carbon sources:                      | 128,041 kWh<br>460,948 MJ                                    |
| Power generation sources (wind, solar, nuclear)           | 461 GJ                                                       |
|                                                           | 12,861 kWh<br>46,300 MJ                                      |
| Solar Thermal                                             | 46 GJ                                                        |
|                                                           | 711,540 kWh<br>2,561,544 MJ                                  |
| GSHP                                                      | 2,562 GJ                                                     |
| Energy used from low-carbon sources: Total                | 3,069 GJ                                                     |