

Avoided emissions through renewable generation

Low & zero carbon electricity generation (kWh)

| | 2008-09 | 2019-20 | 2020-21 | % change since last year |
|----------|---------|-----------|-----------|--------------------------|
| Solar PV | 0 | 354,089 | 419,528 | 18 % ↑ |
| CHP | 0 | 4,264,904 | 5,397,634 | 27 % ↑* |
| Total: | 0 | 4,660,381 | 5,817,162 | 25 % ↑* |

*Increase partially the result of increased heat generation to cater for increased ventilation requirements under COVID-19 conditions – CHP electricity generation is a by-product of that additional heat generation.

Low carbon heat generation (kWh)

Ground Source Heat Pumps

| | 2008-09 | 2019-20 | 2020-21 | % change since last year |
|------------|---------|---------|---------|--------------------------|
| Carrington | 0 | - ** | 180,624 | n/a |

** prior to 2020/21, metering was faulty

Other renewable energy systems on campus

The following additional energy systems are installed, but are not fully metered:

| | |
|------------------------|----------------------|
| Enterprise Centre | Solar thermal |
| Park Eat | Air Source Heat Pump |
| Chancellors | Air Source Heat Pump |
| Berrybrook | Air Source Heat Pump |
| Bourne | Air Source Heat Pump |
| Harry Pitt Sub-station | Battery |