

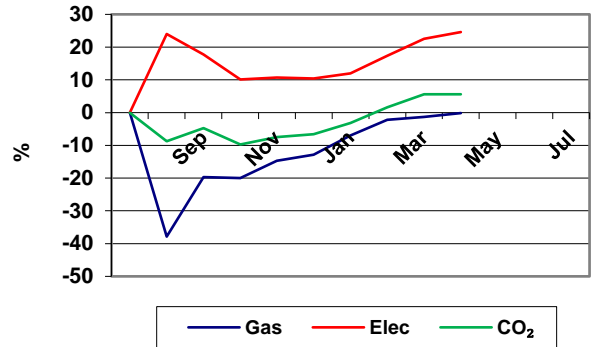
## CO<sub>2</sub>

CO<sub>2</sub> emissions for this month are 498 tonnes, a 4.6% increase on 2020/21 April emissions.

Total CO<sub>2</sub> emissions for the year are 4,818 tonnes, a 5.6% increase on last year's emissions.

Since 2005 CO<sub>2</sub> emissions have reduced by 33%. In addition, as the Campus has expanded over this period, CO<sub>2</sub> emissions per m<sup>2</sup> of floor area have reduced by 56.3%.

% variation from 2020/21 consumption



## Gas

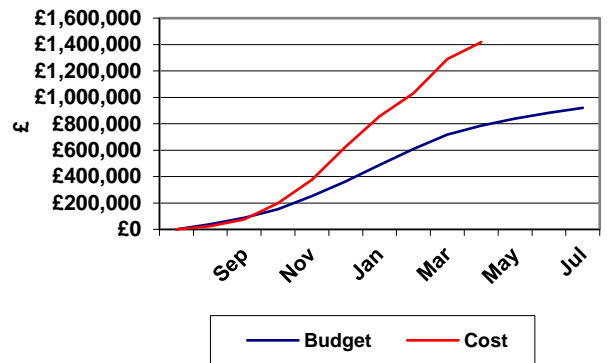
Gas consumption for this month is 1,334,627 kWh, a 13.1% decrease on 2020/21 April consumption.

The cost of the gas consumed this month is £122,177, an increase of 168% on last year's figure.

Total Gas consumption for the year is 14,163,289 kWh, a 0.12% decrease on 2020/21 consumption.

The cost of the Gas consumed in the year is £1,418,160, an increase of 217% on last year's figure.

Gas cost vs. budget



## Renewable Energy

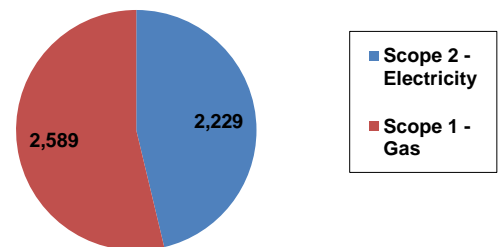
The NHC PV system generated 2,776 kWh of electricity.

The SLB PV system generated 2,727 kWh of electricity.

The Curve PV system generated 2,967 kWh of electricity.

The Cornell PV system generated 2,210 kWh of electricity.

CO<sub>2</sub> Emissions Split (tonnes)



## Electricity

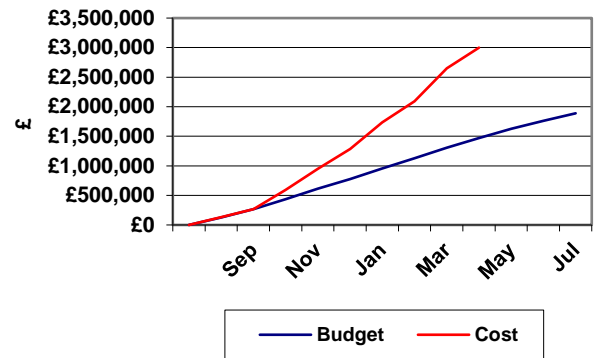
Electricity consumption for this month is 1,108,565 kWh, a 43.2% increase on 2020/21 April consumption.

The cost of the electricity used this month is £350,787, an increase of 174% on last year's figure.

Total Electricity consumption for the year is 9,741,133 kWh, a 24.6% increase on 2020/21 consumption.

The cost of the Electricity used in the year is £2,999,146, an increase of 140% on last year's figure.

Electricity cost vs. budget



## Water

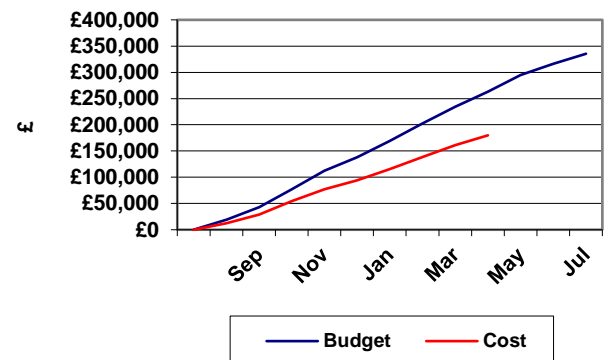
Water consumption for this month is 5,272 m<sup>3</sup>, a 43.5% increase on 2020/21 April consumption.

The cost of the Water used this month is £18,401, an increase of 24.2% on last year's figure.

Total Water consumption for the year is 51,594 m<sup>3</sup>, a 50.2% increase on 2020/21 consumption.

The cost of the Water used in the year is £179,893, an increase of 29.4% on last year's figure.

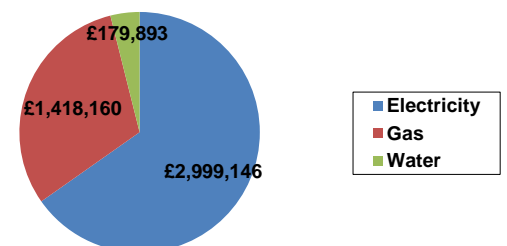
Water cost vs. budget



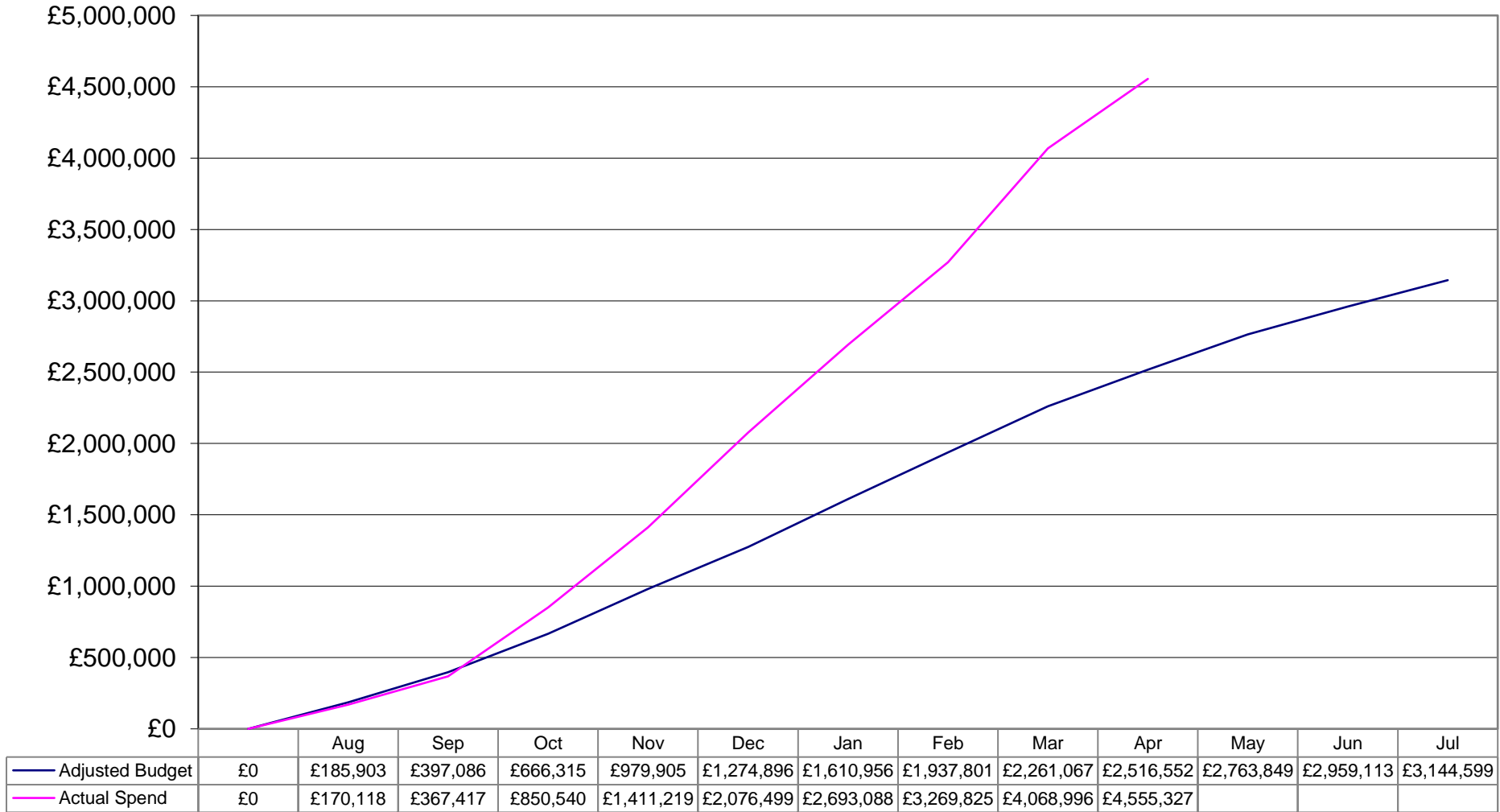
## Increases in Consumption

In April 2021 the UK was coming out of lockdown so the consumption was lower. The consumption is now returning to pre-pandemic levels.

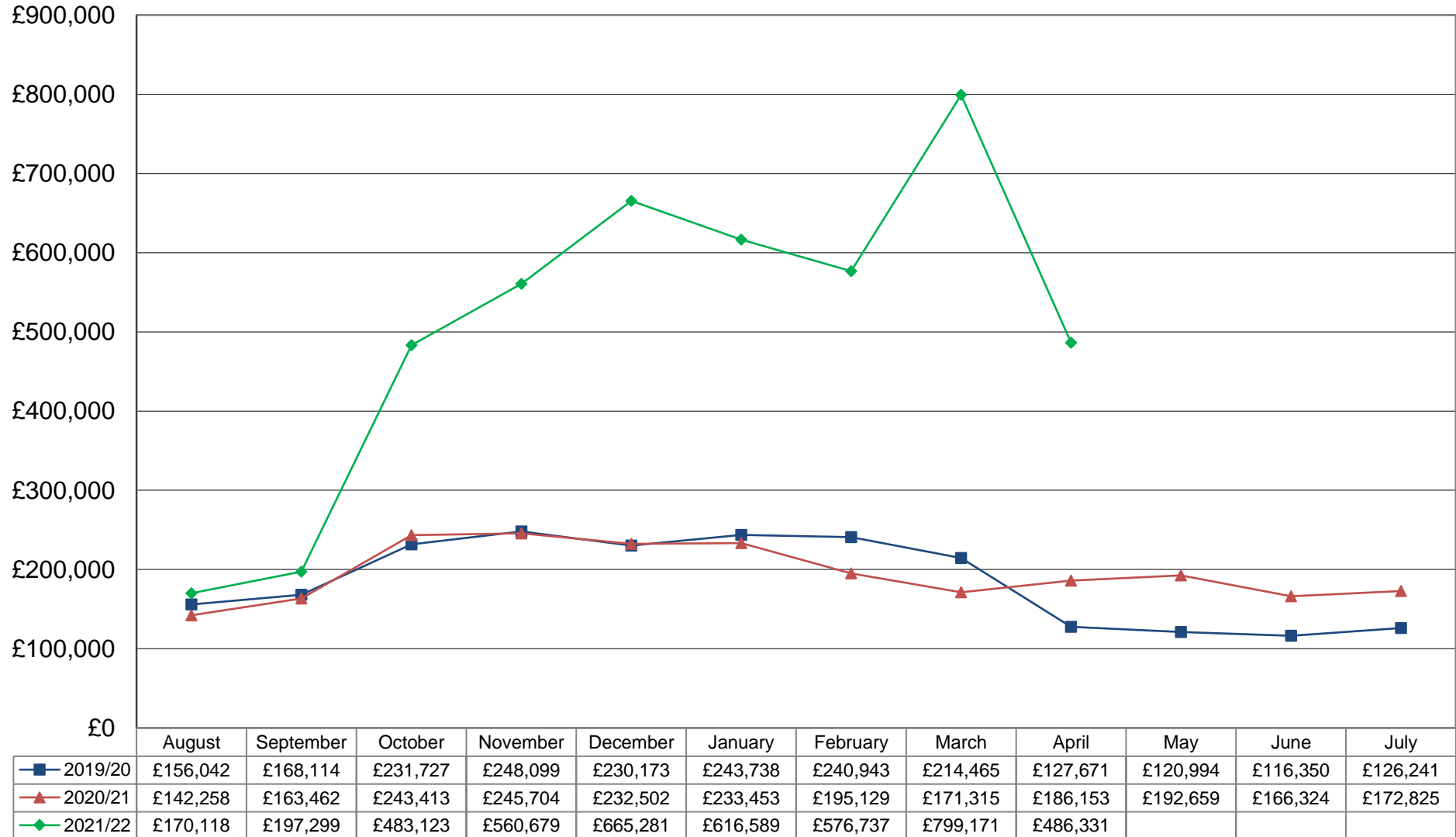
Utility Costs



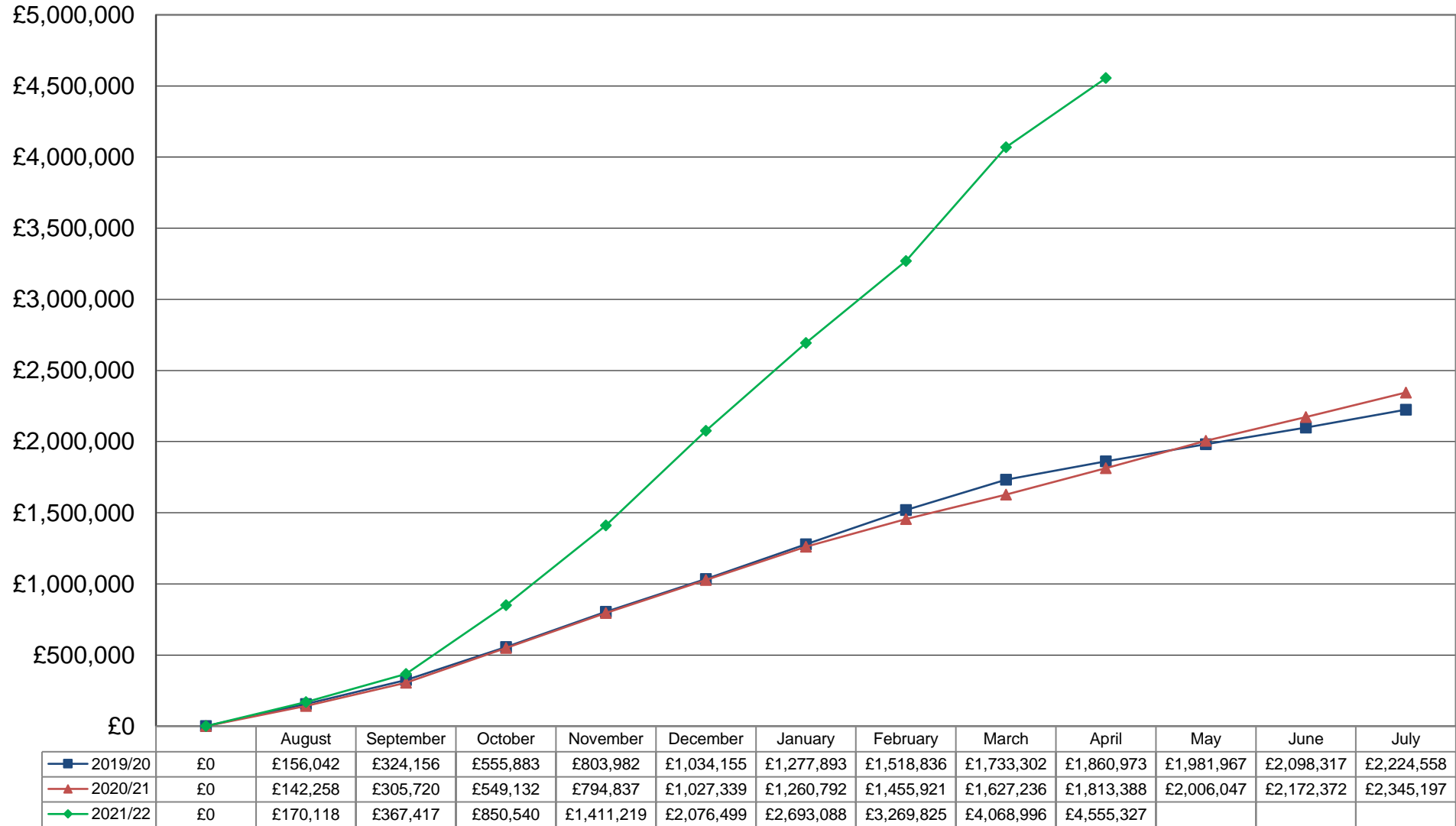
## Energy Spend vs Budget



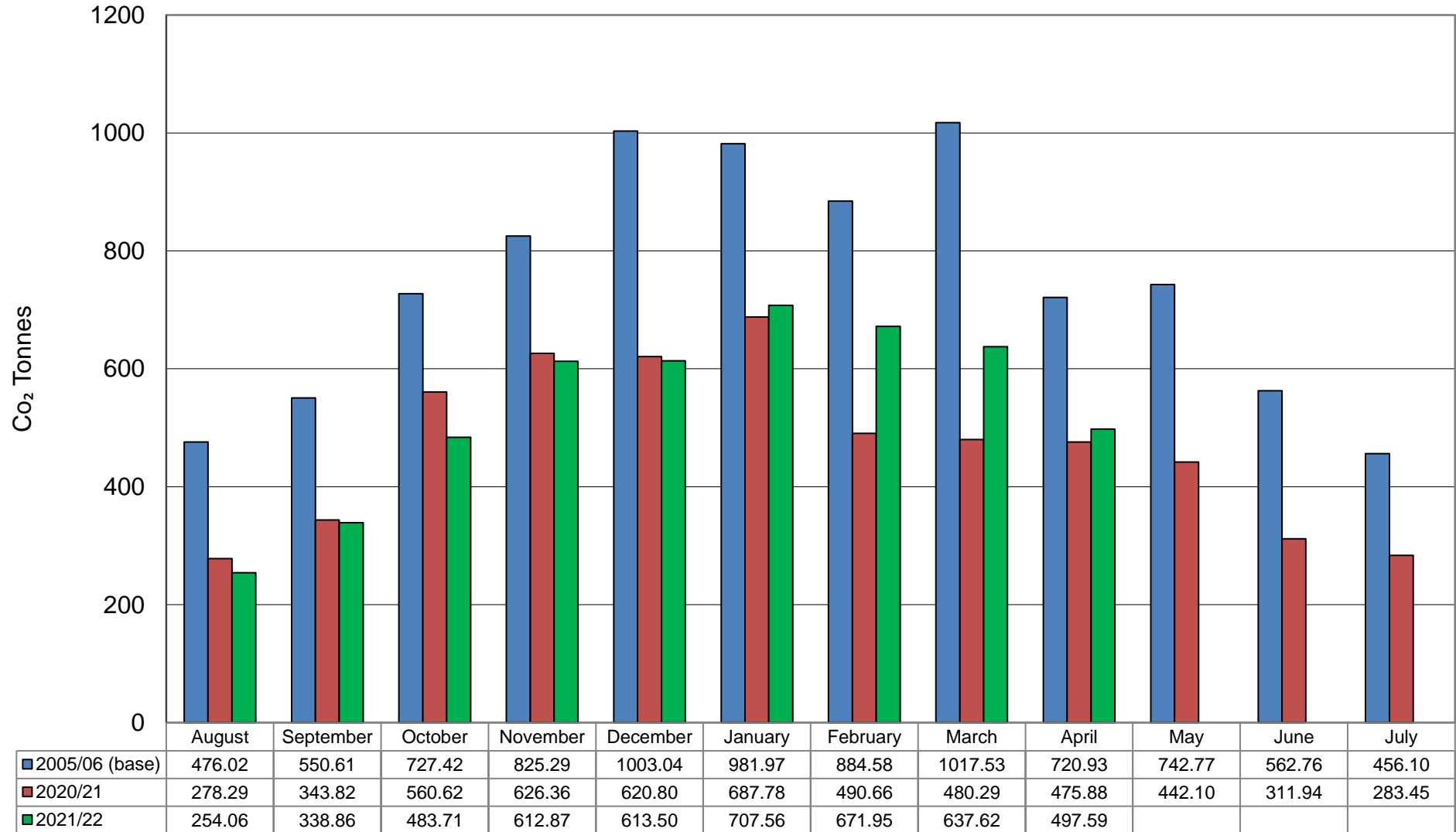
## Energy Costs Per Month



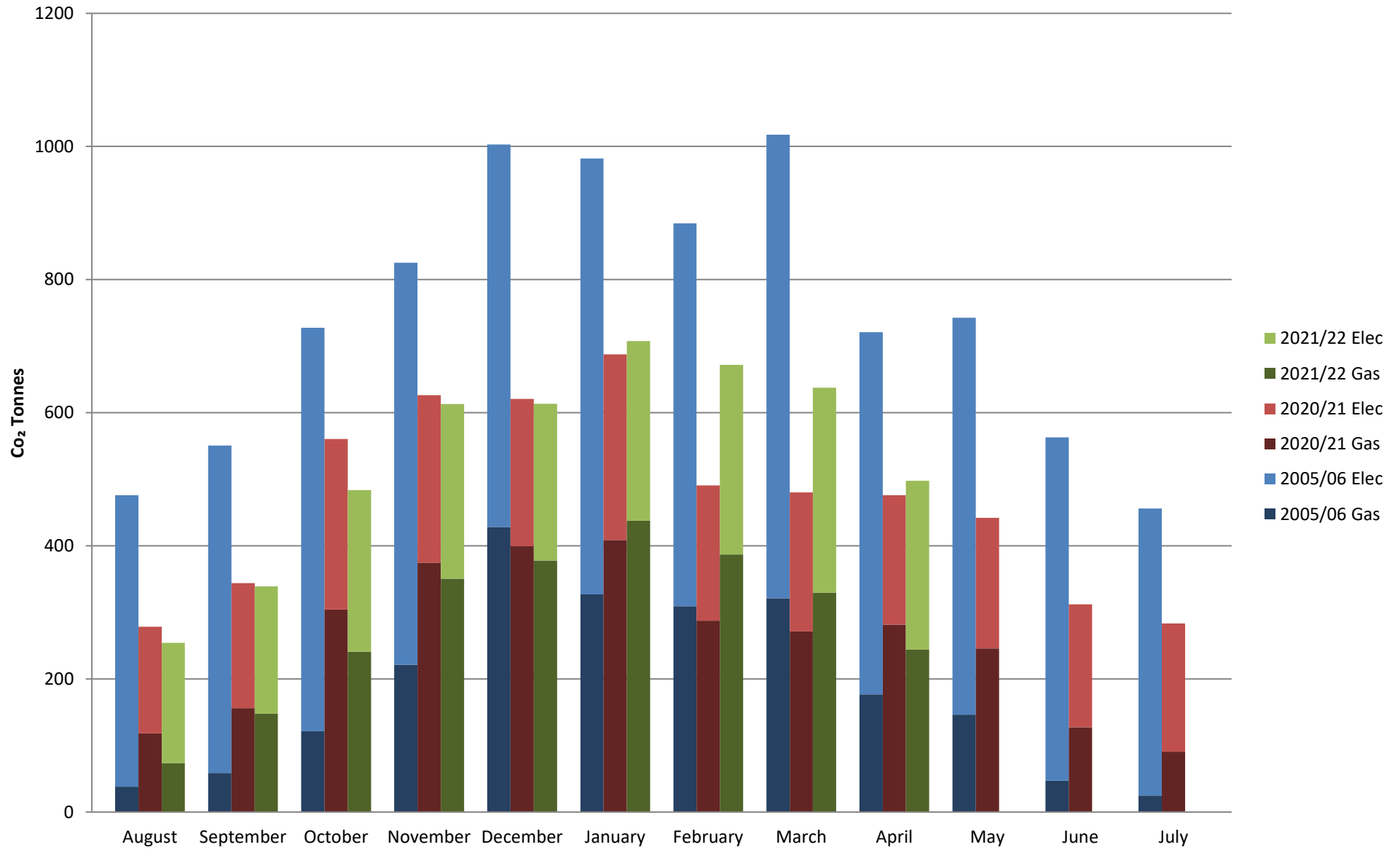
## Cumulative Energy Cost



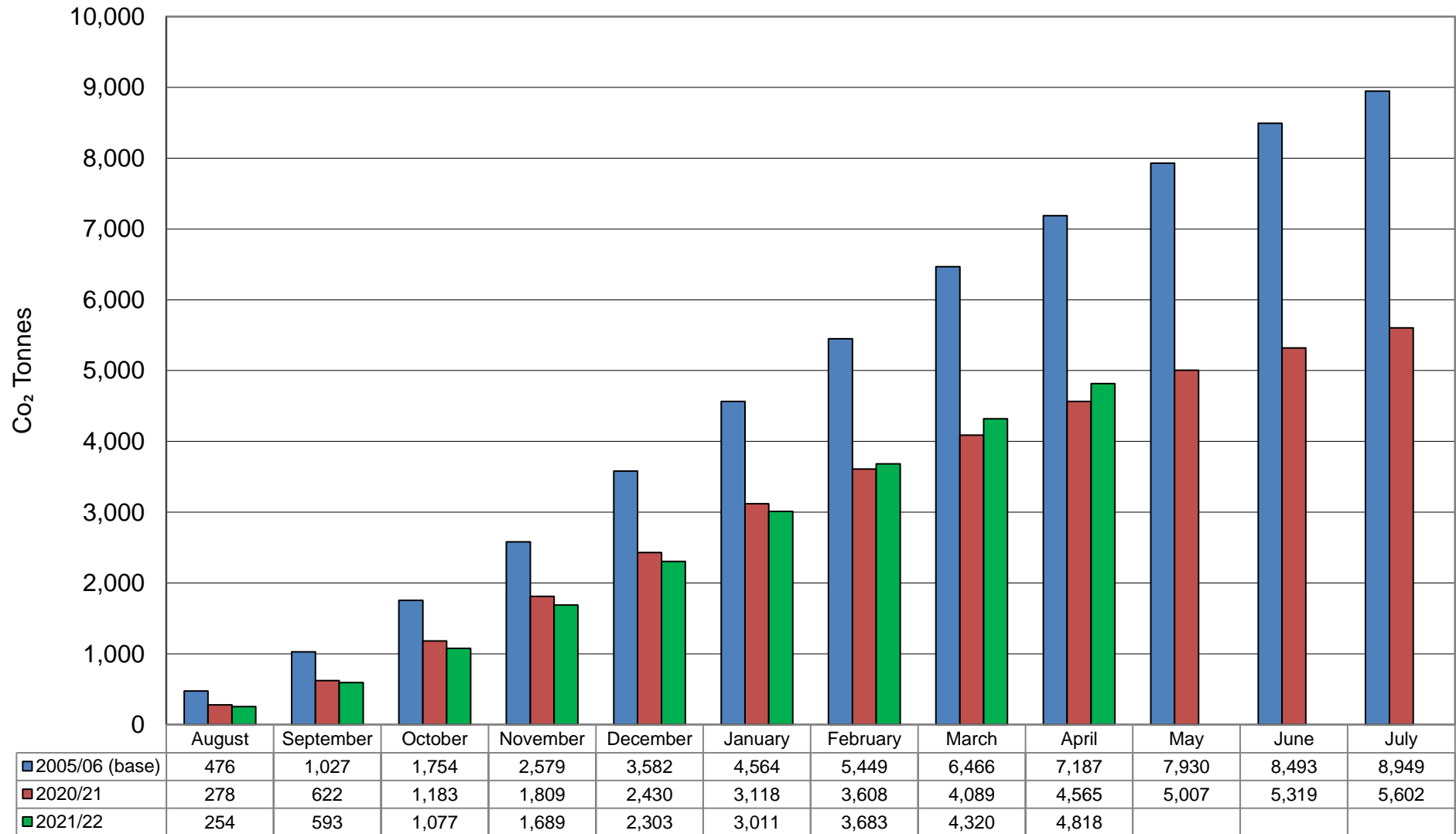
## Co<sub>2</sub> Emissions Per Month



# Co<sub>2</sub> Breakdown

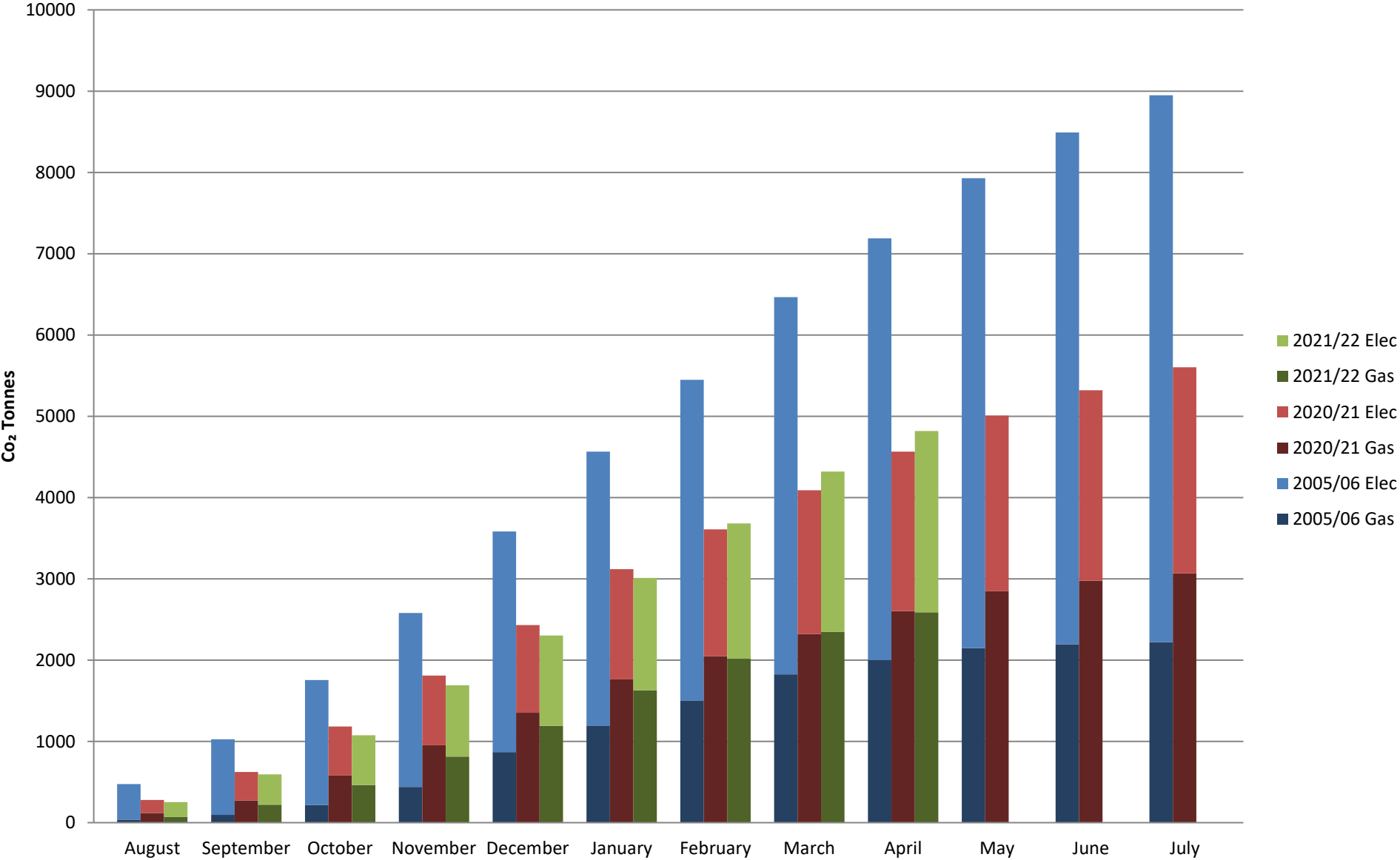


## Co<sub>2</sub> Emissions Cumulative

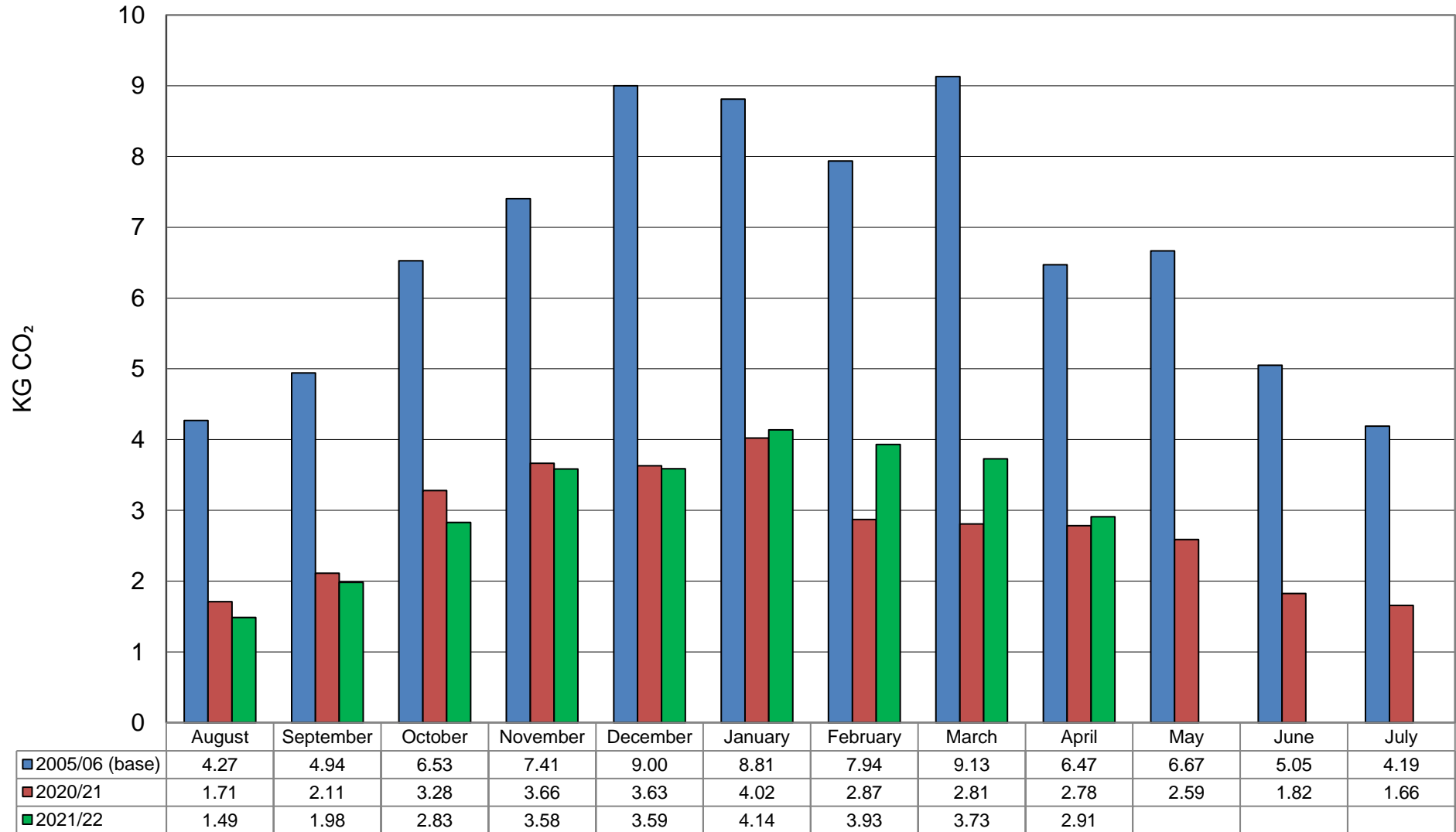




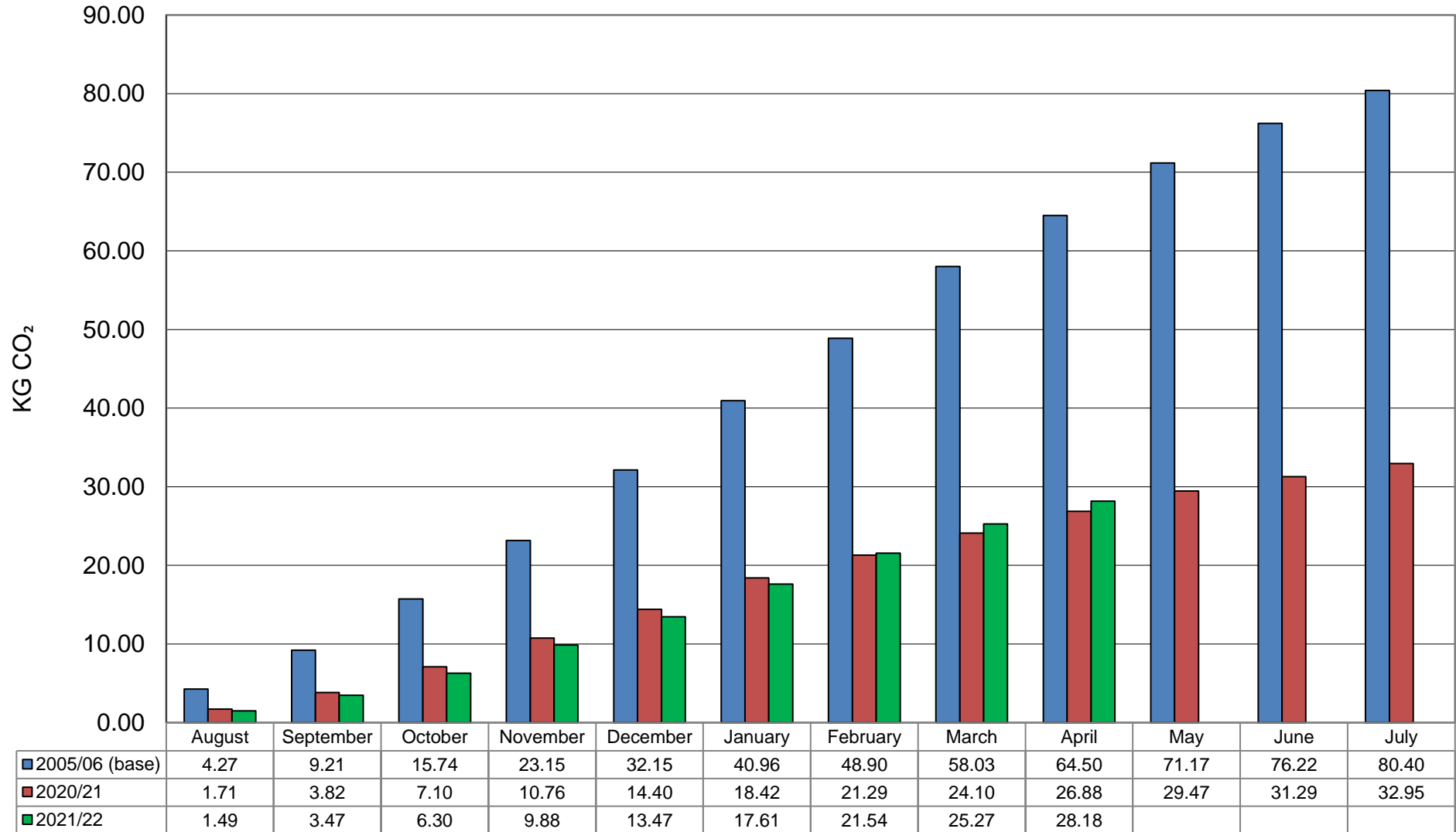
# Co<sub>2</sub> Breakdown Cumulative



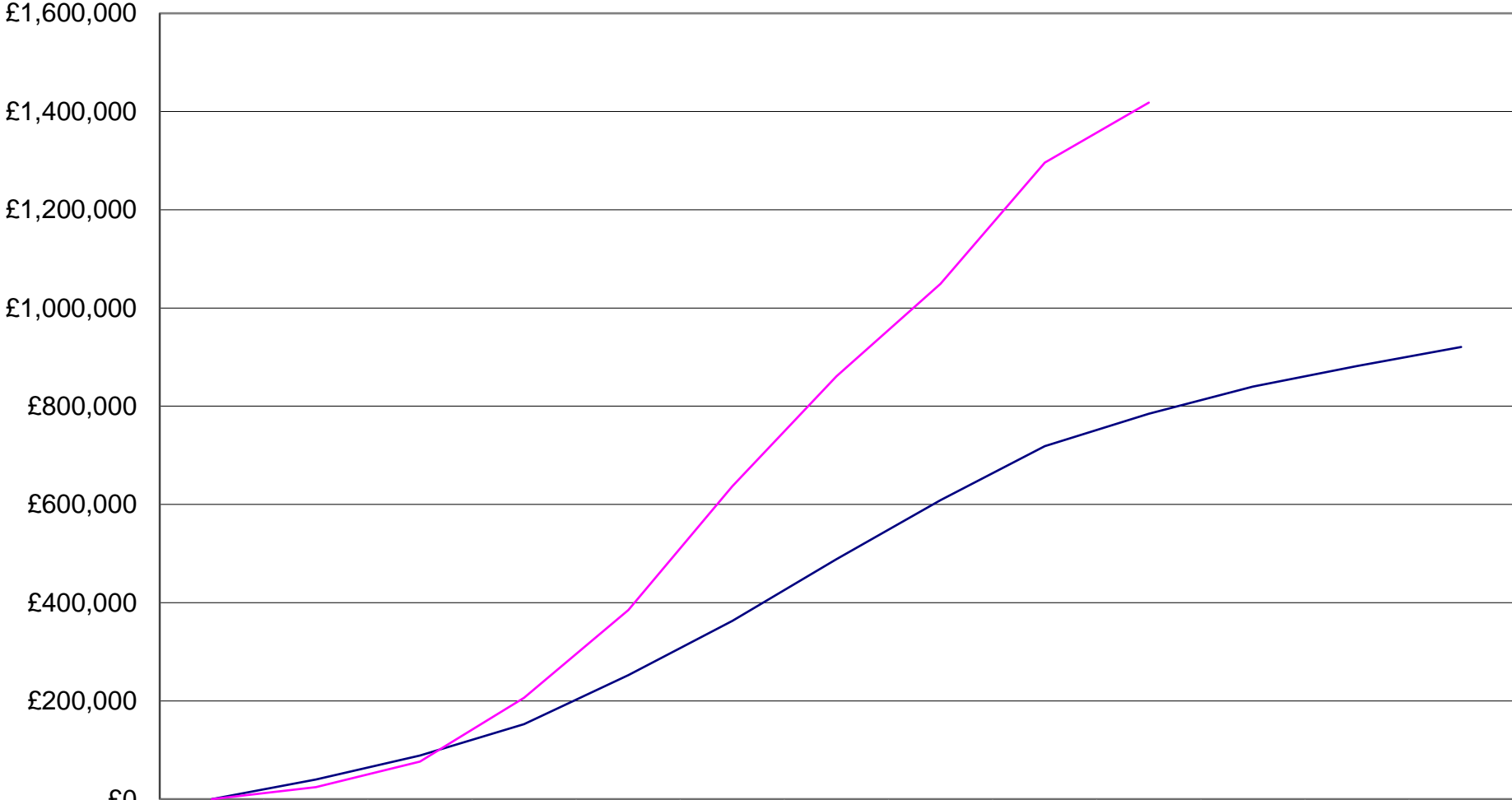
## CO<sub>2</sub> Emissions Per m<sup>2</sup>



## CO<sub>2</sub> Emissions Cumulative per m<sup>2</sup>

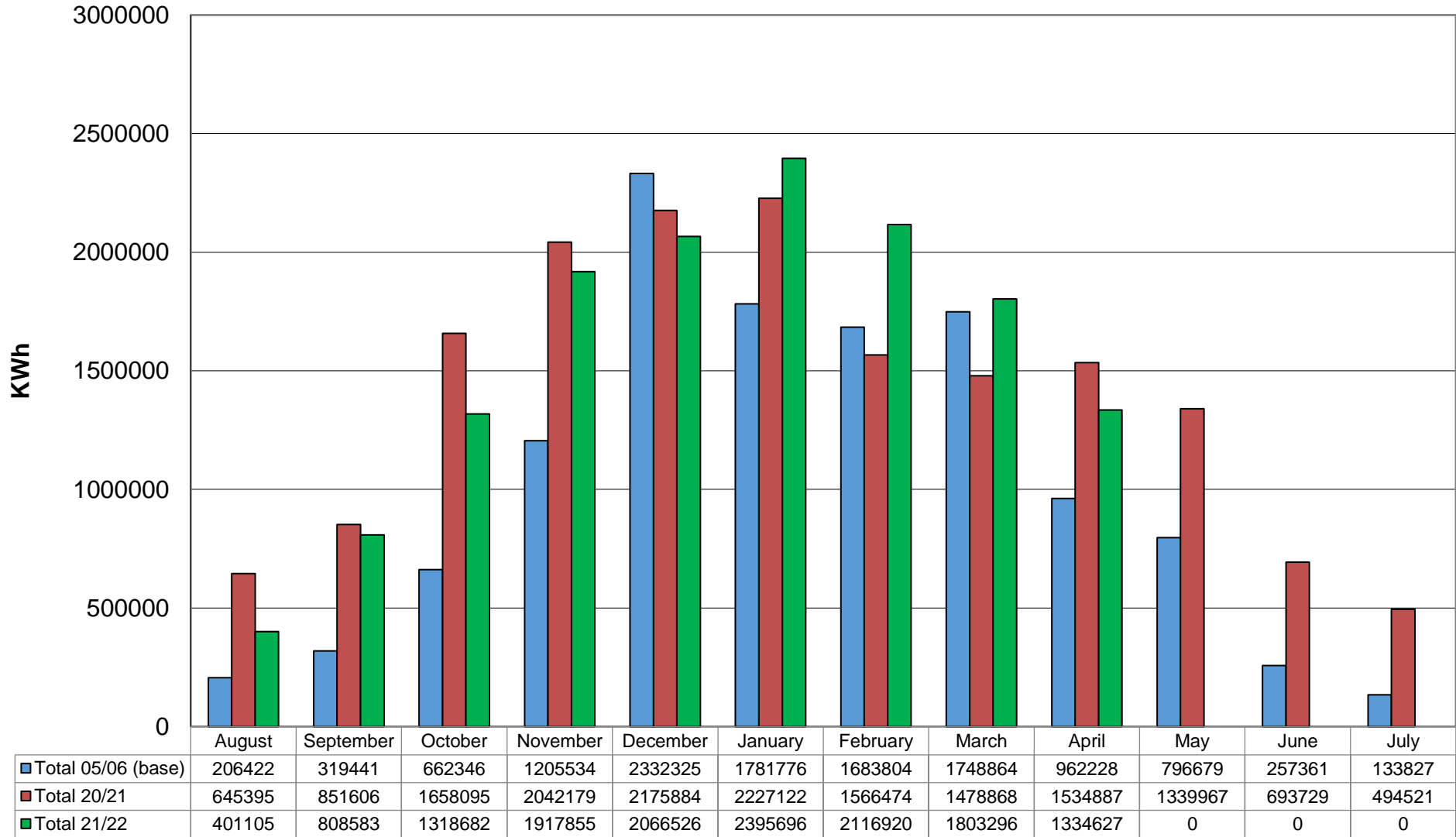


### Gas Cost vs Budget

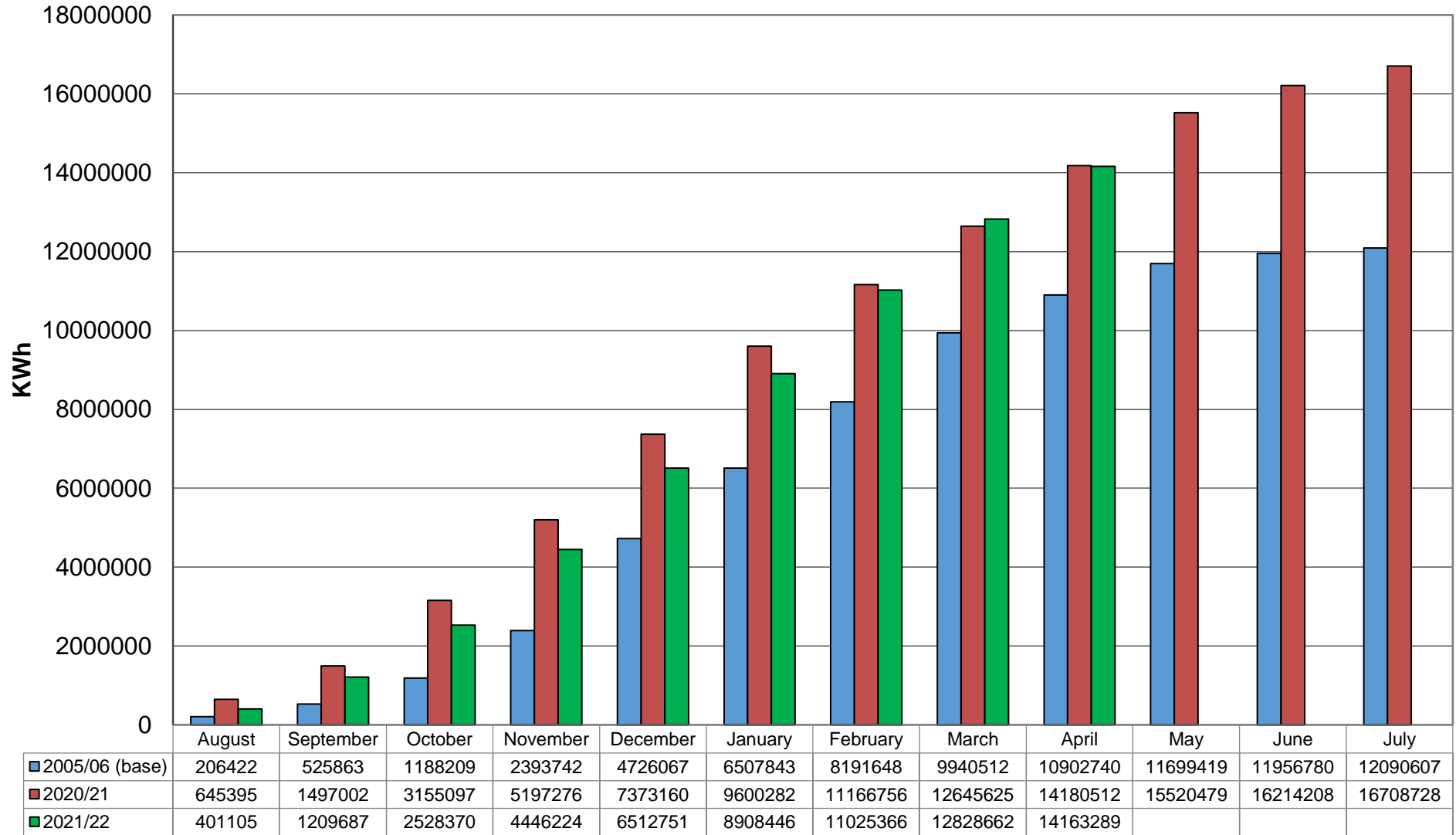


		August	September	October	November	December	January	February	March	April	May	June	July
— DD Budget	£0	£40,087	£88,658	£152,821	£252,238	£363,049	£488,306	£608,501	£718,500	£784,833	£840,110	£881,768	£920,605
— Actual Spend	£0	£24,556	£76,424	£206,115	£385,152	£637,087	£860,637	£1,049,44	£1,295,98	£1,418,16			

## Gas Consumption Per Month

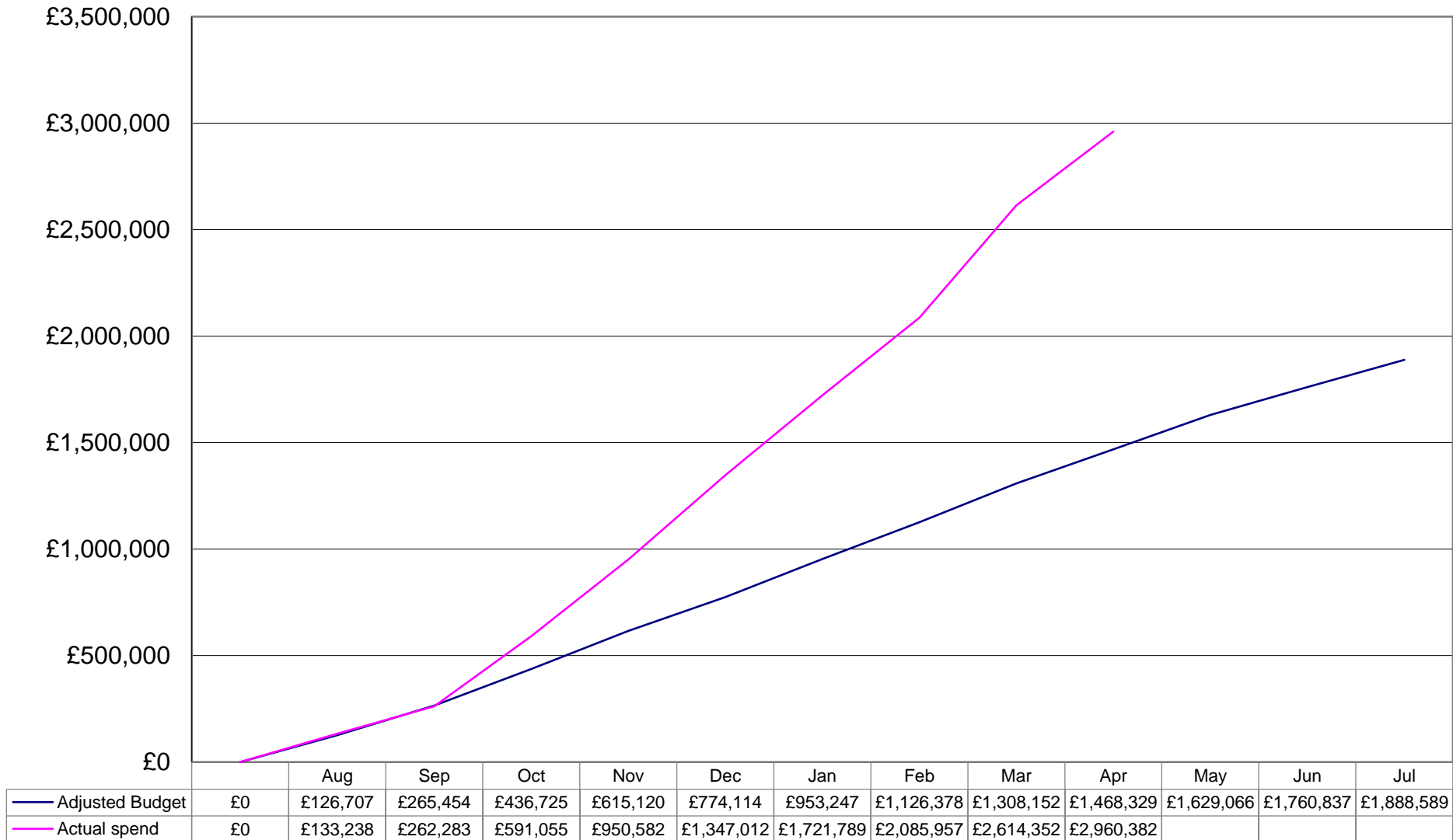


## Gas Cumulative



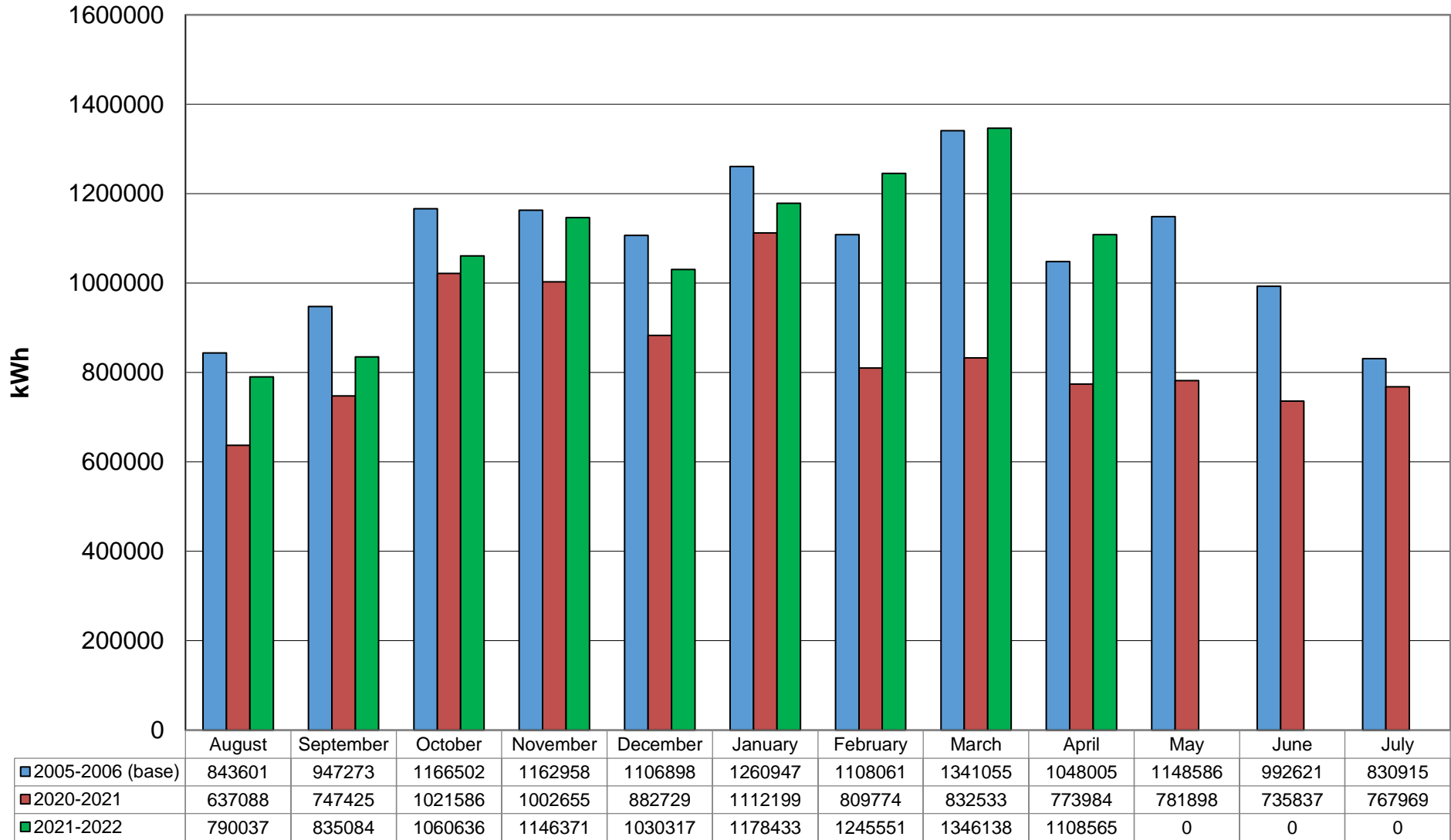


## Electricity Cost vs Budget

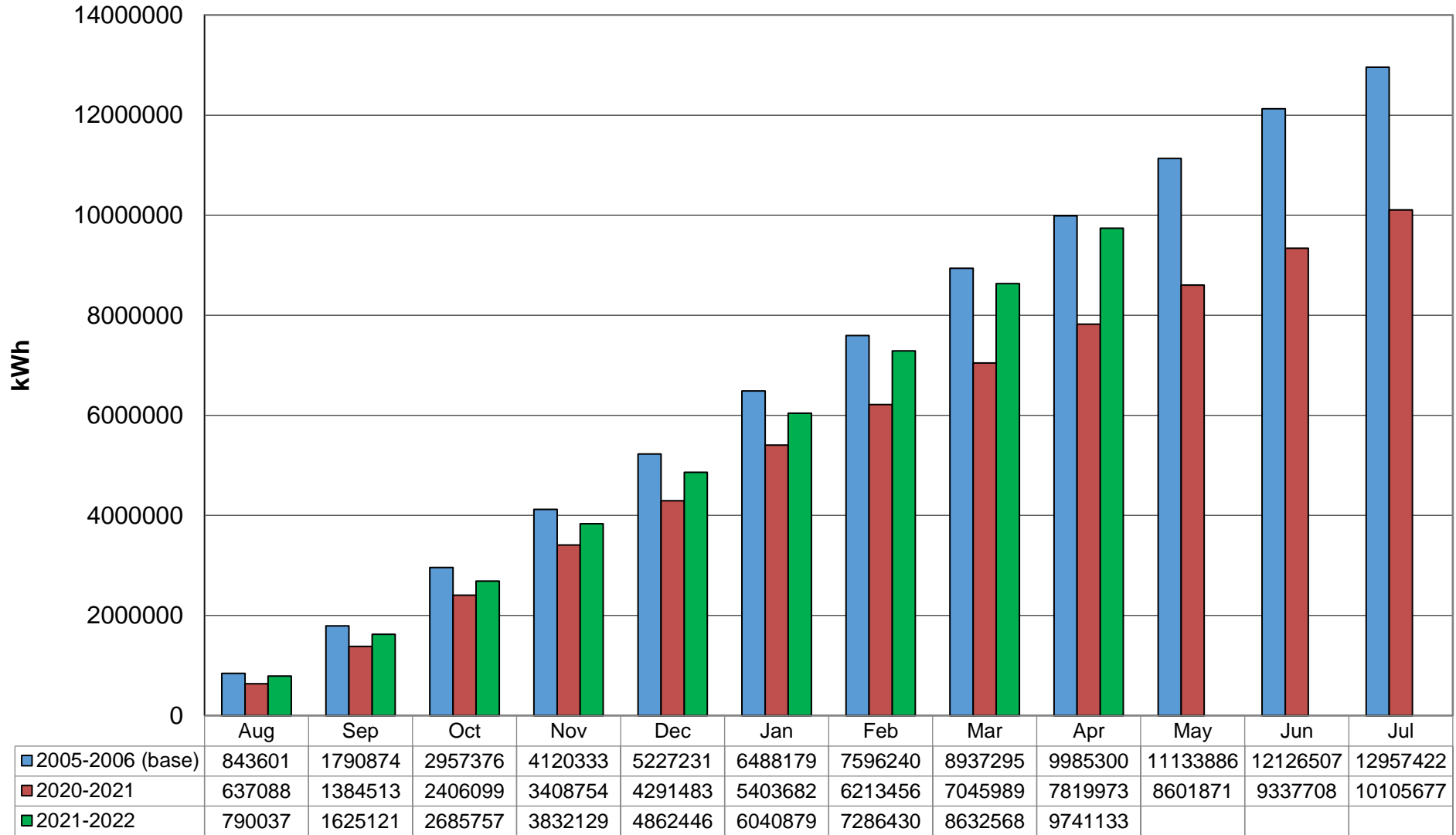




## Electricity Consumption Per Month

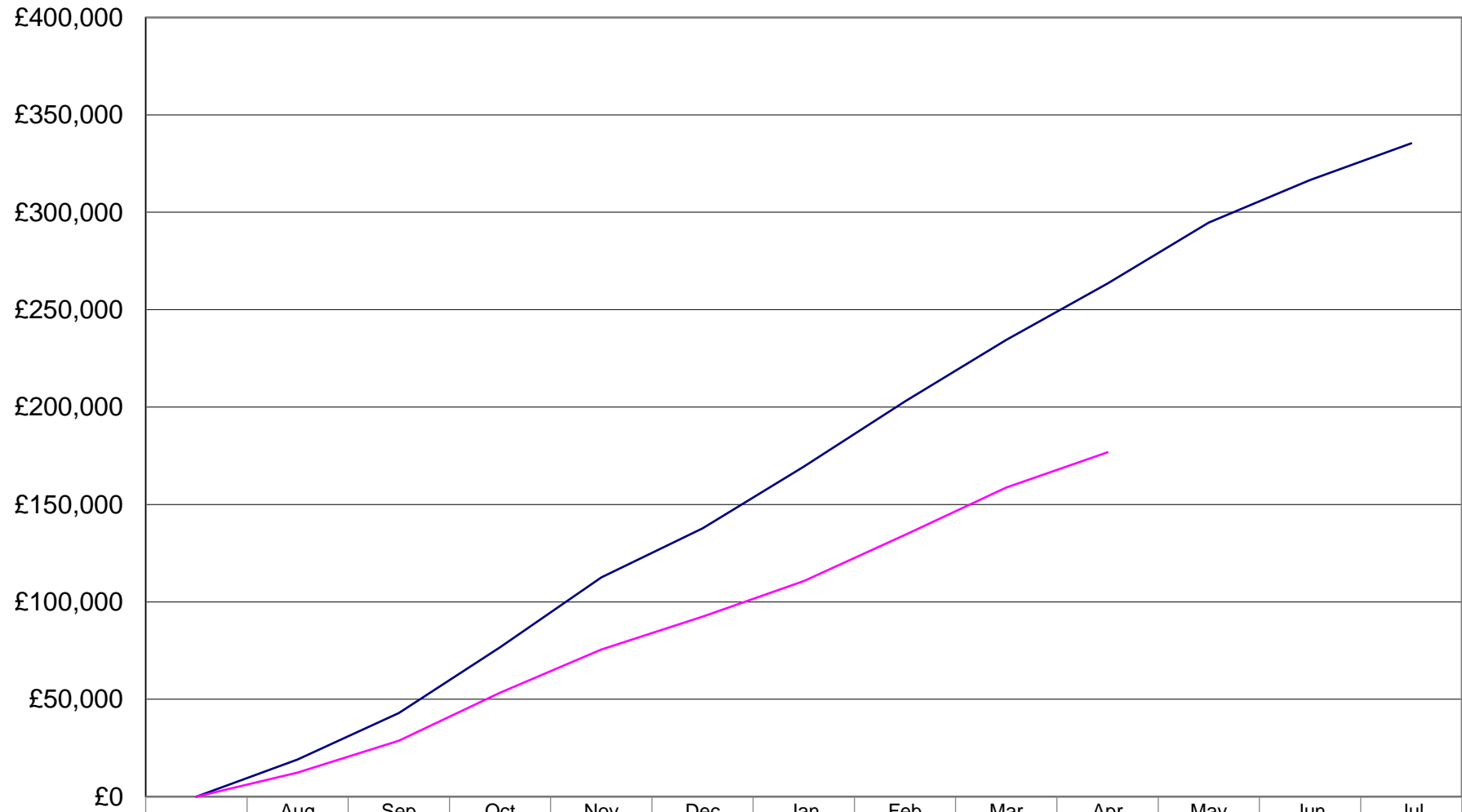


## Electricity Consumption Cumulative



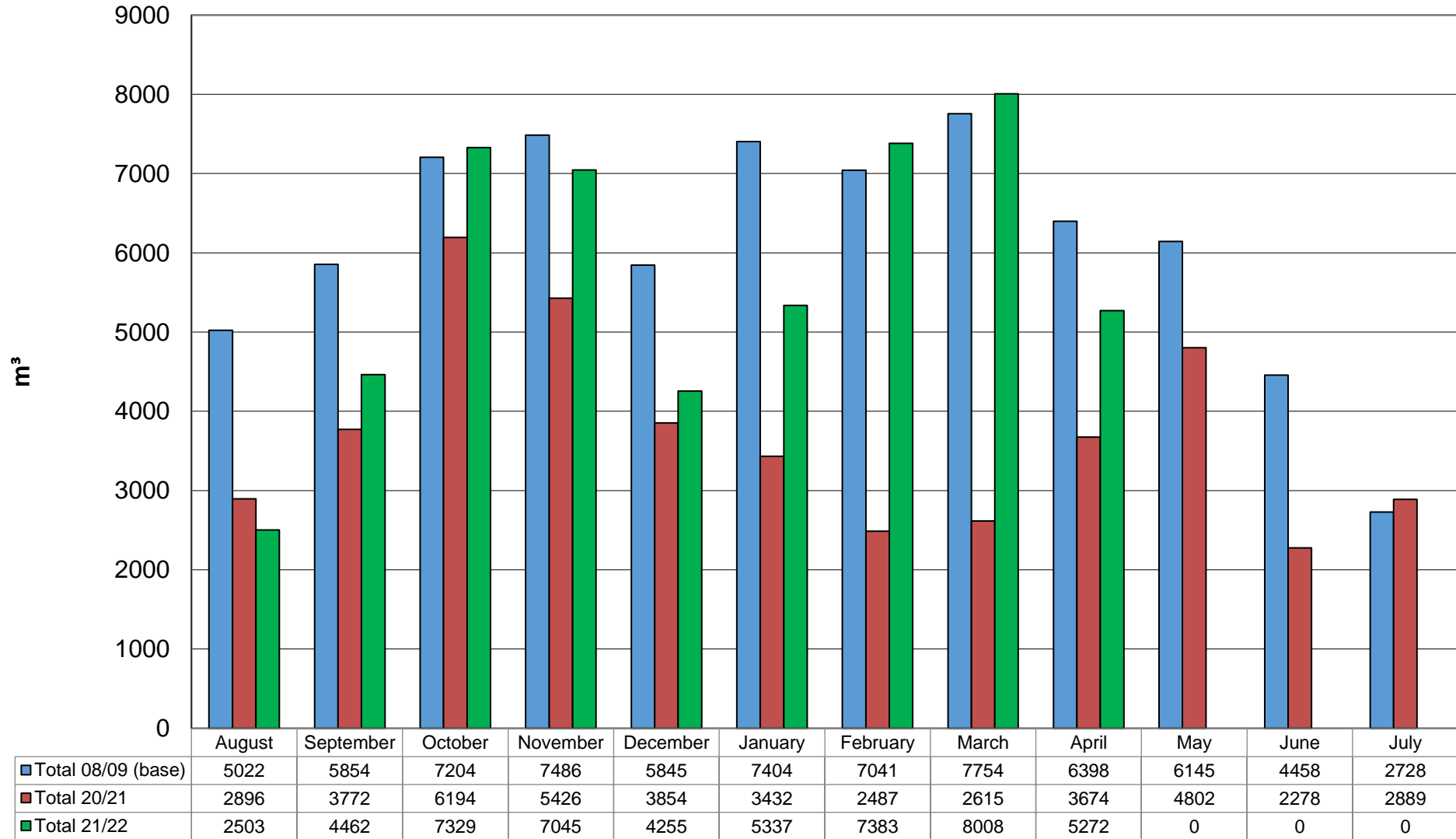


## Water Cost vs Budget



Adjusted Budget	£0	£19,109	£42,974	£76,769	£112,548	£137,734	£169,402	£202,921	£234,415	£263,389	£294,674	£316,508	£335,405
Actual spend	£0	£12,324	£28,710	£53,369	£75,485	£92,400	£110,663	£134,423	£158,661	£176,784			

## Water Consumption Per Month



# Water Cumulative

