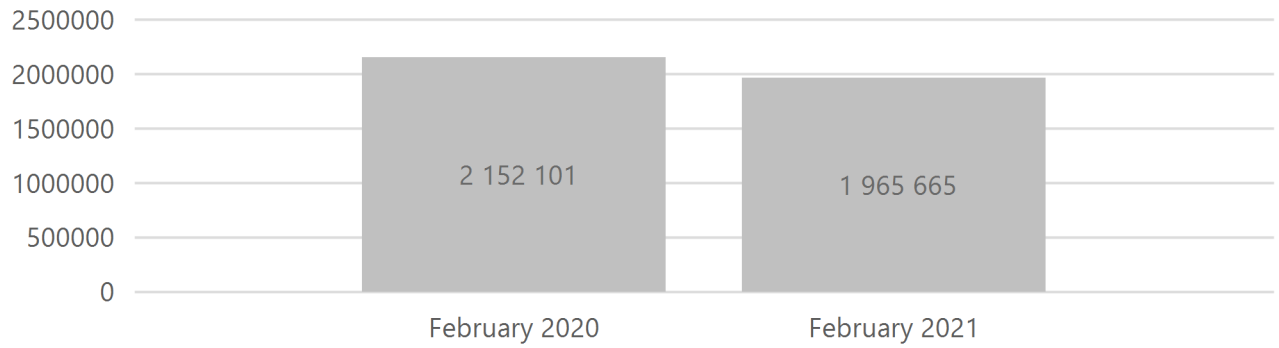
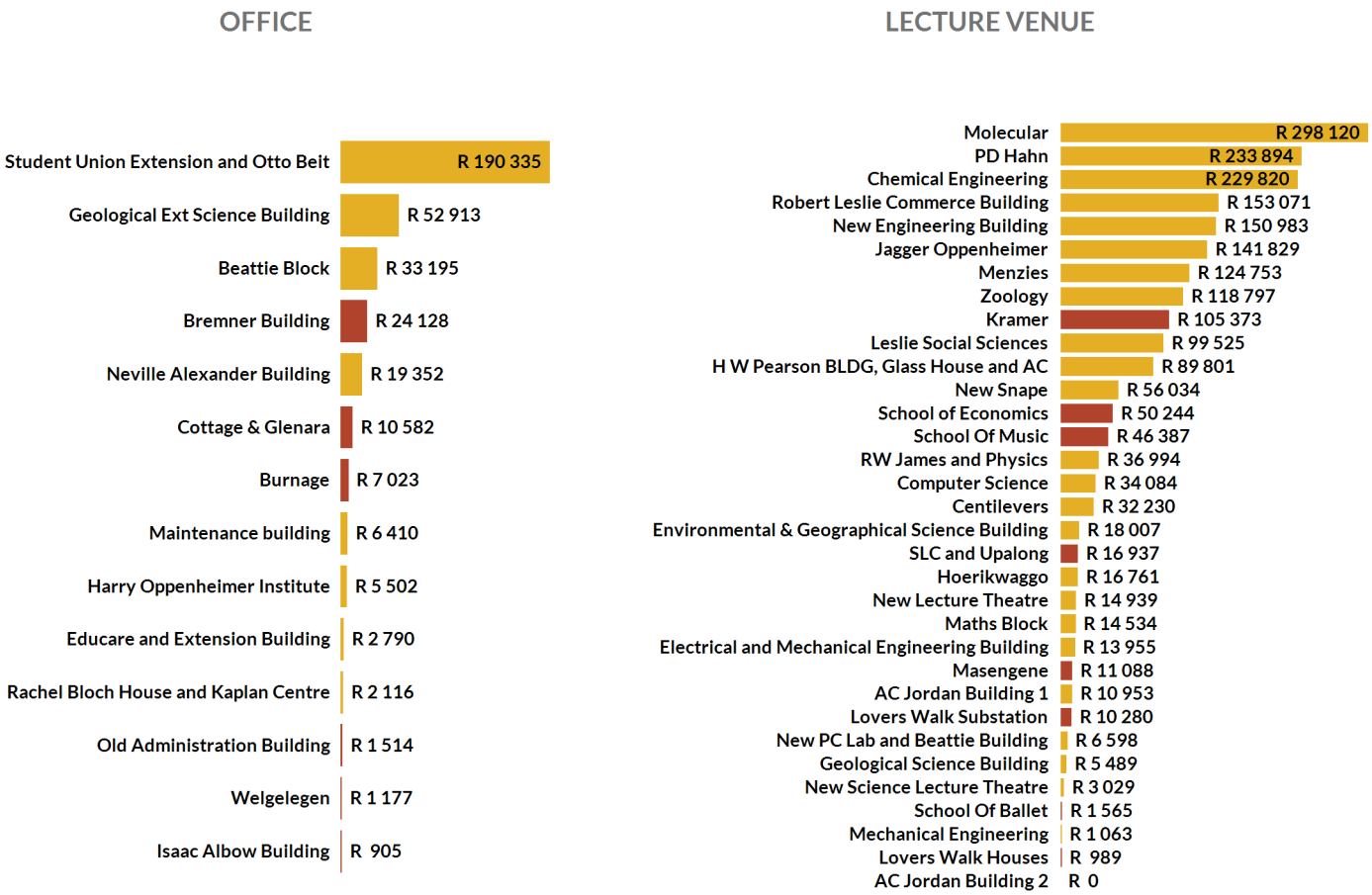
UCT Benchmark Energy Report

Year on year Total kWh comparison for UCT



Total Monthly Electricity Cost

The figure below summarize monthly energy costs .

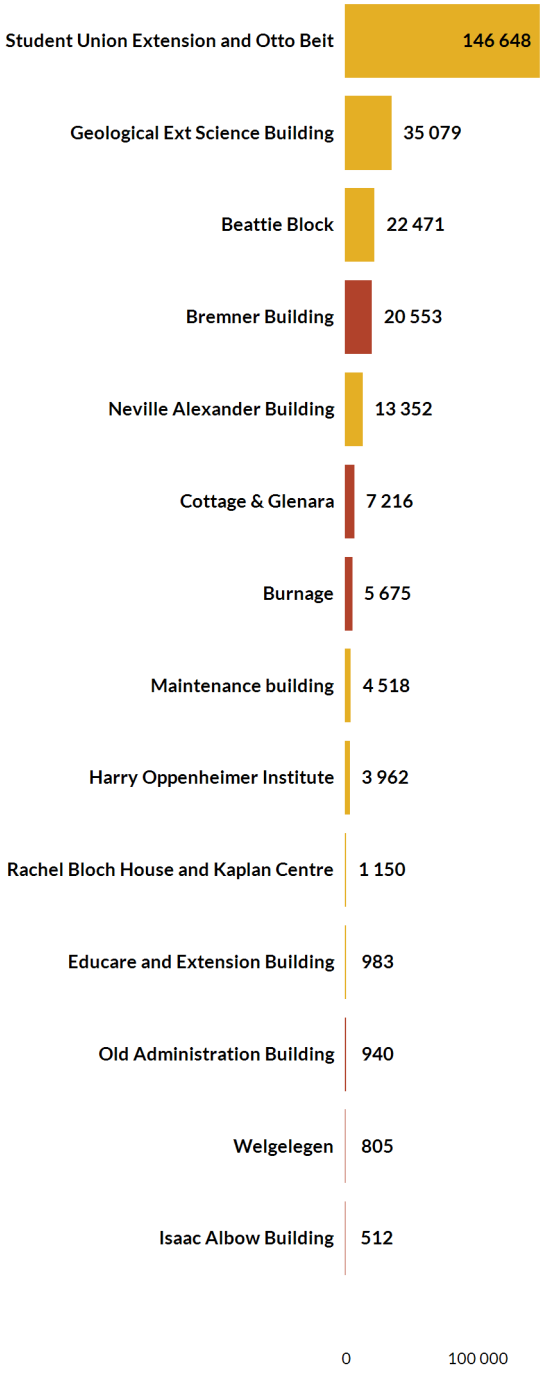


Region Key:
Lower Campus
Upper Campus

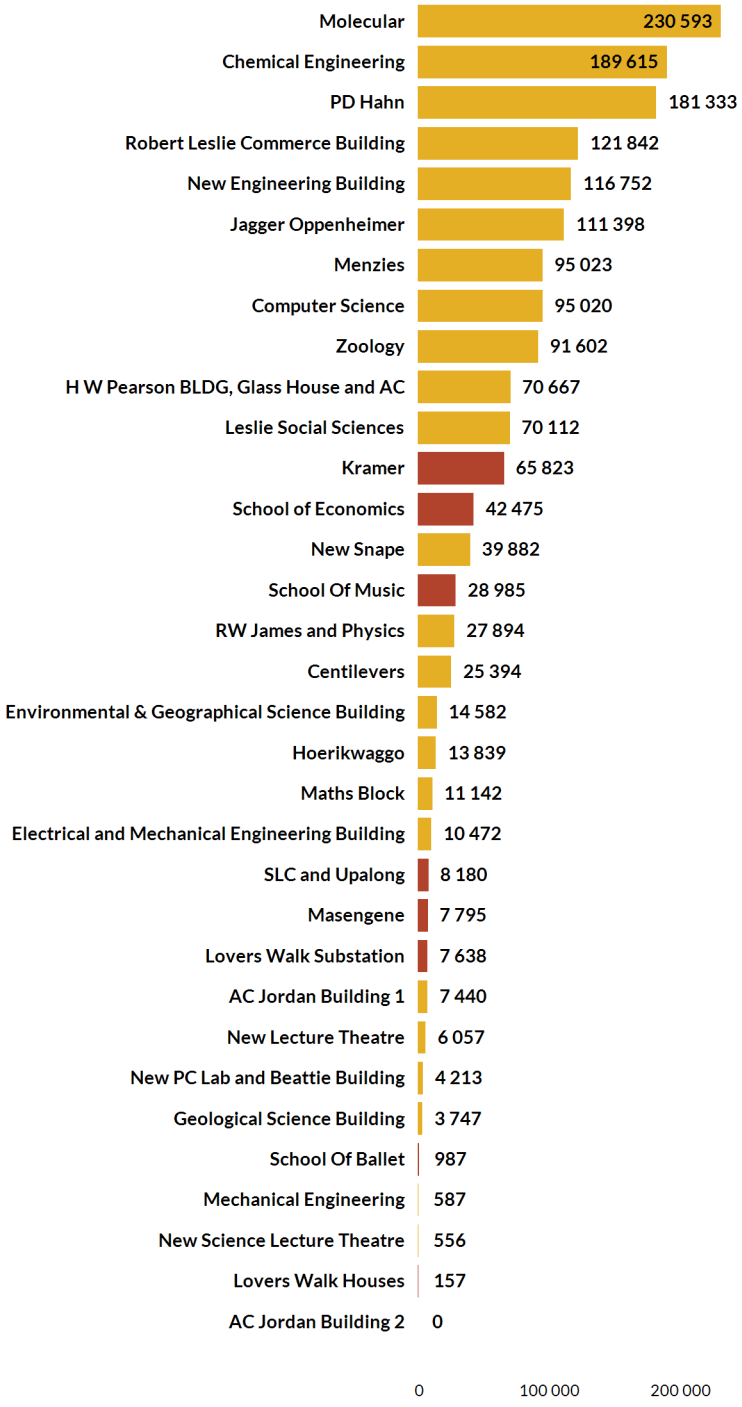
Monthly Energy Usage (kWh)

The figures in the graphs above represent the total energy consumption measured in kWh's over the reporting period. The less kWh's consumed within a particular month directly equates to alower electricity bill.

OFFICE



LECTURE VENUE

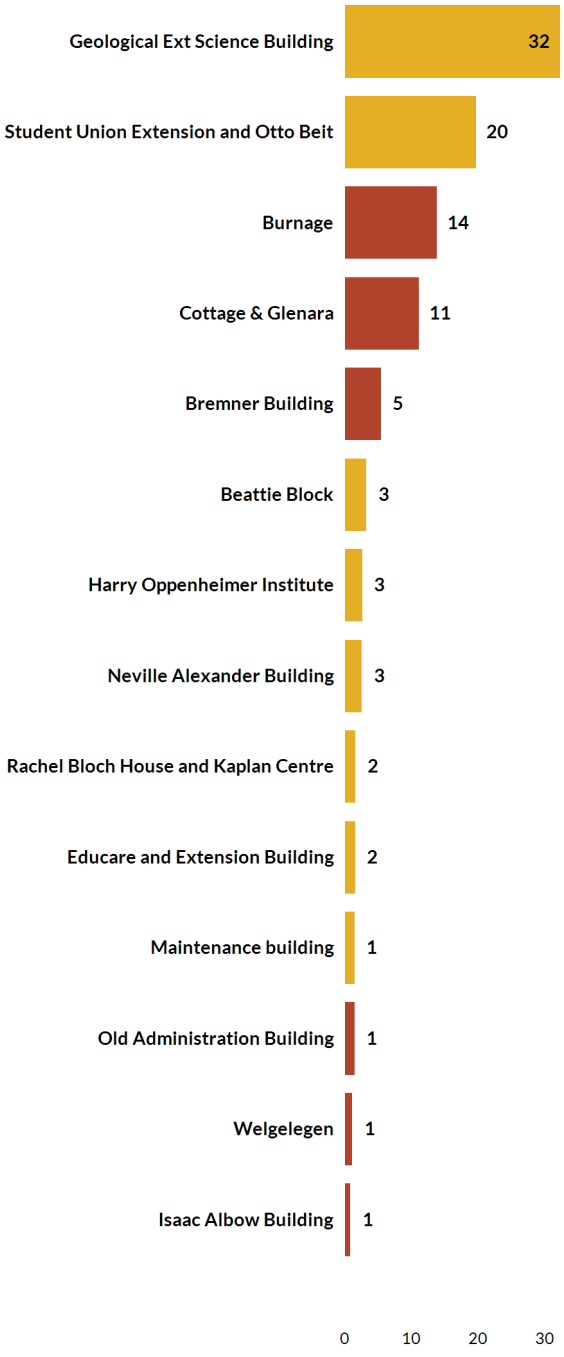


Region Key:
Lower Campus
Upper Campus

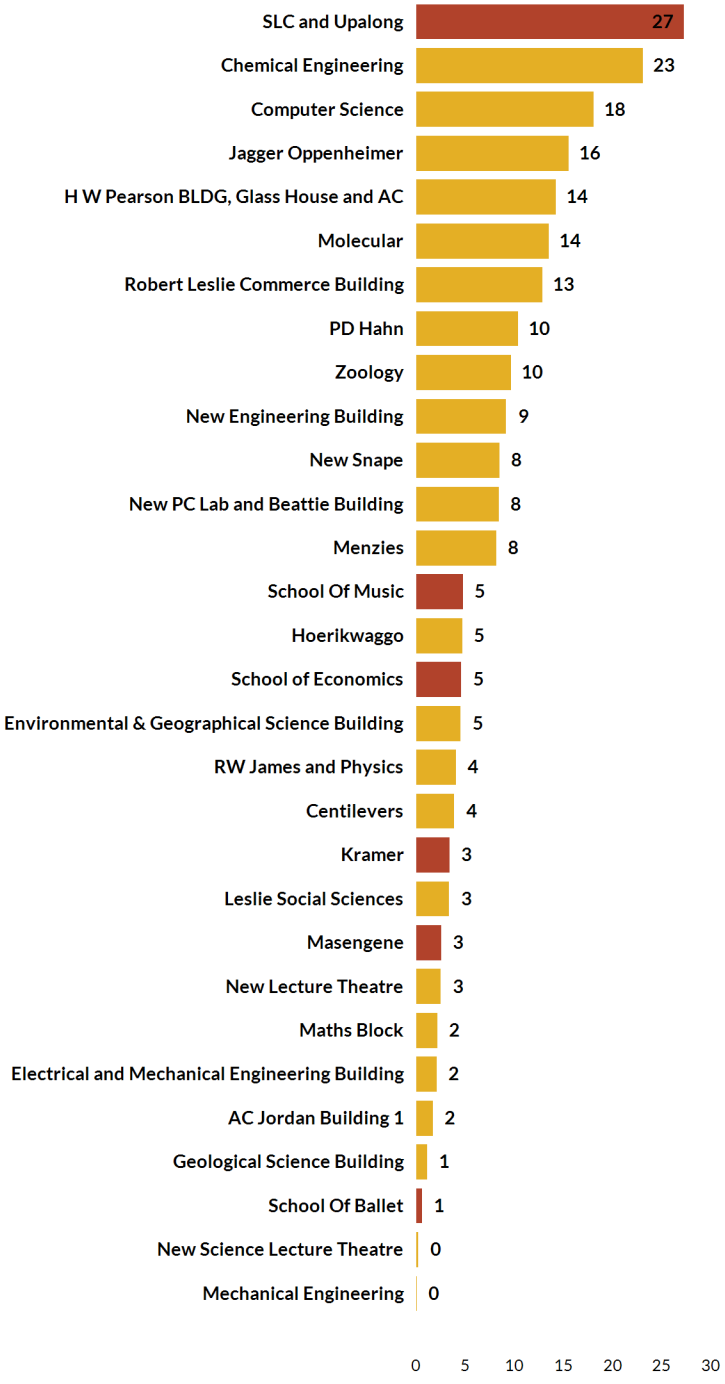
Monthly Energy Usage per Square Meter(kWh/m2)

The monthly energy usage per square meter is a benchmarking metric to determine energy usage intensities. The benchmarking metric compares energy intensity figures of similar operations.

OFFICE



LECTURE VENUE

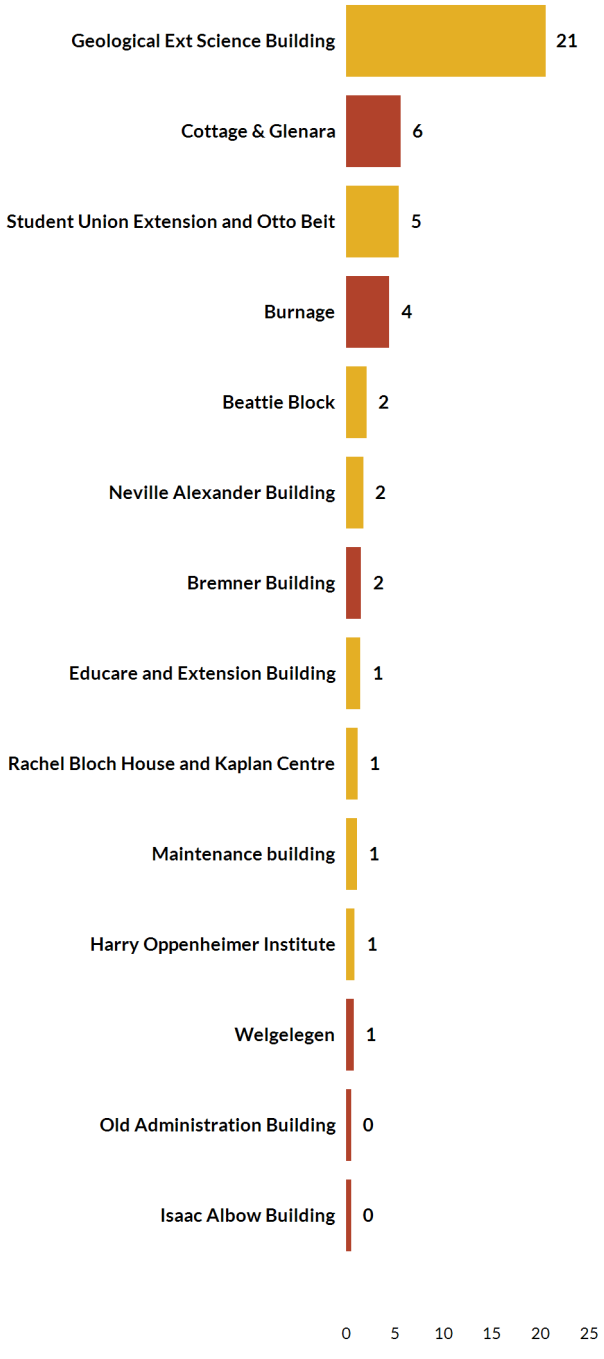


Region Key:
Lower Campus
Upper Campus

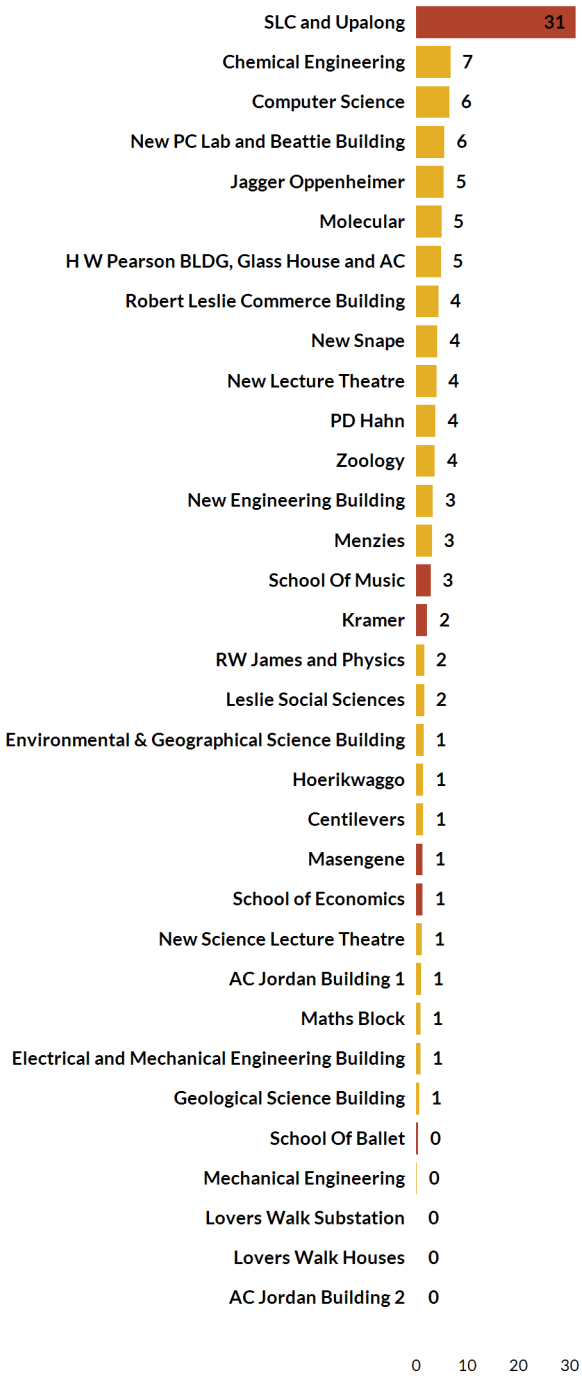
Monthly Energy Cost per Square Meter(R/m2)

The monthly cost (R) per square meter (m2) is a benchmarking metric to determine energy cost intensities . The benchmarking metric is useful in order to compare intensity figures to other similar operations.

OFFICE



LECTURE VENUE

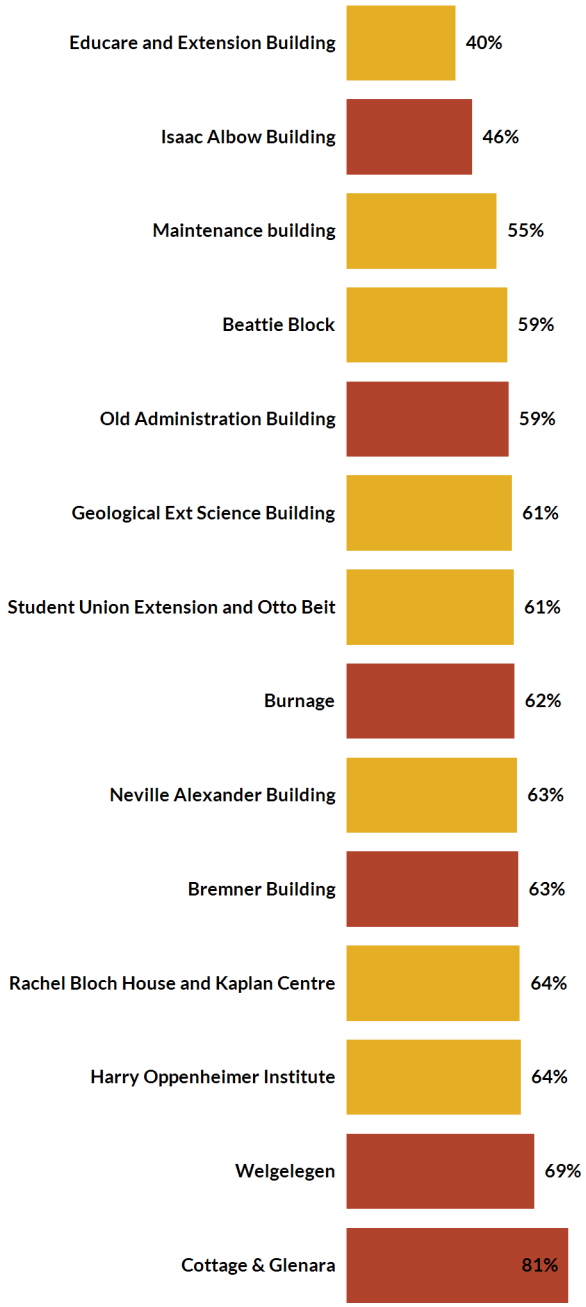


Region Key:
Lower Campus
Upper Campus

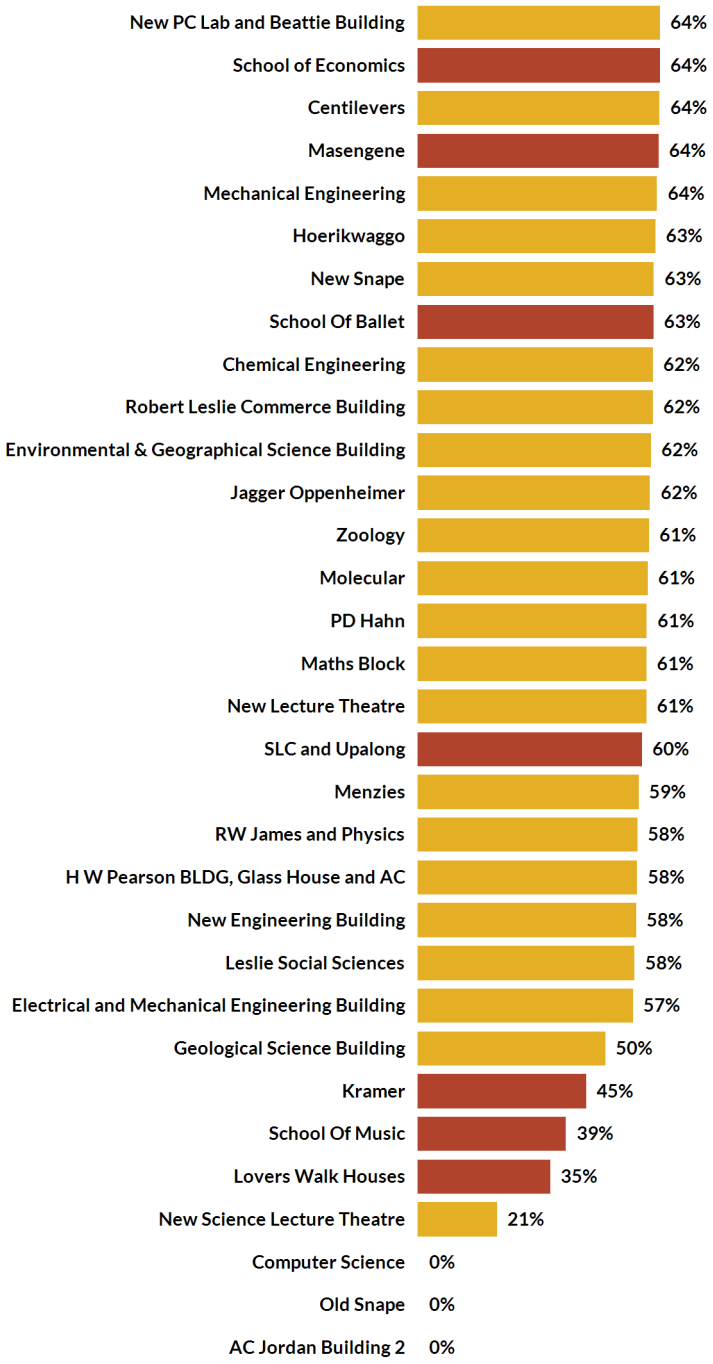
Monthly "Night" Time Energy Usage (kWh)

The figures below compares your energy usage during open hours to energy usage during closed hours. The aim is to minimise your closed time energy usage (lowest % possible). Open hours used : (Weekday: 08:00 - 17:30, Saturday : 08:00 - 13:00 , Sunday: 08:00 - 13:00)

OFFICE



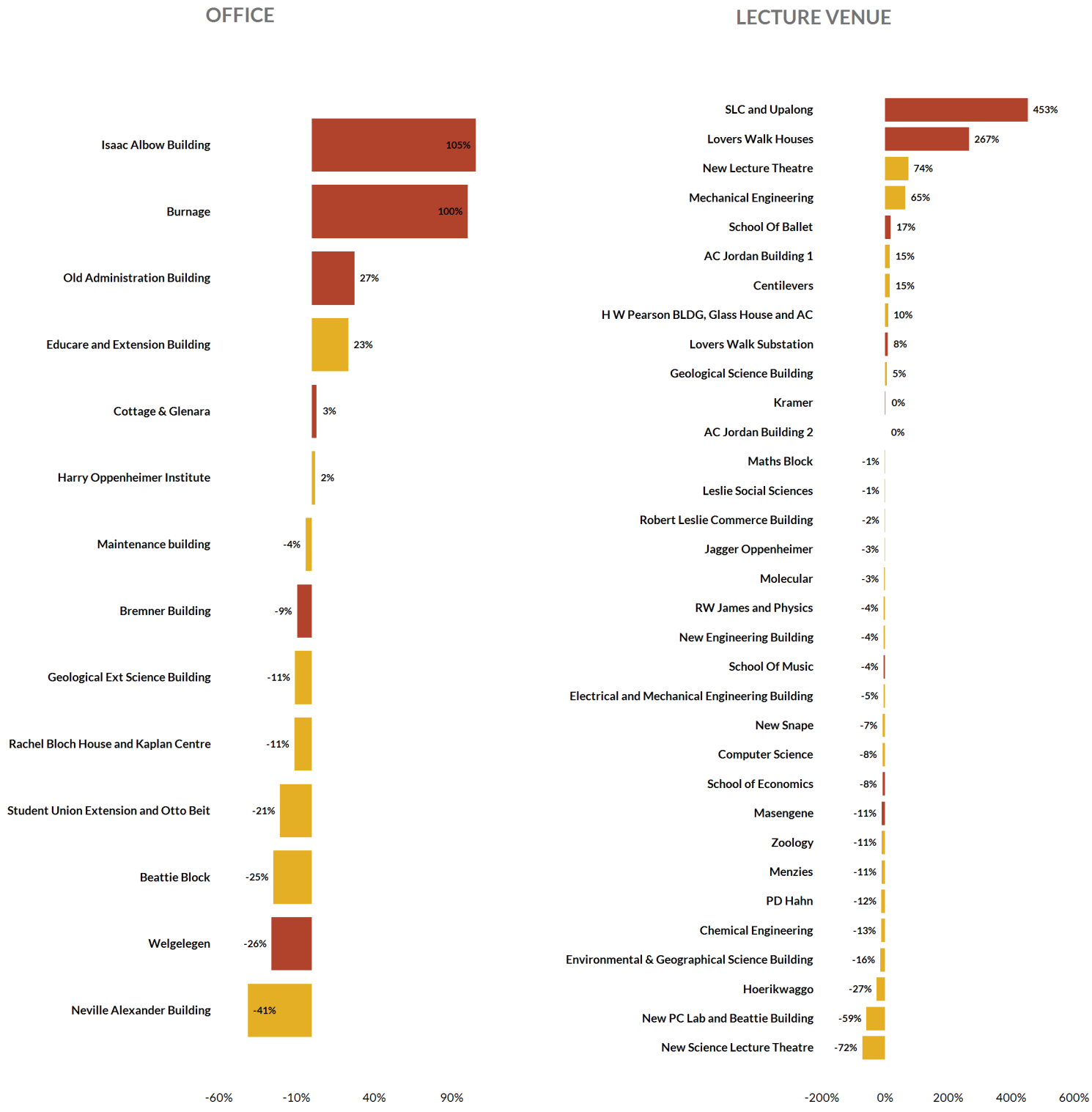
LECTURE VENUE



Region Key:
Lower Campus
Upper Campus

Change in Month on Month Energy Usage (Change in kWh as a %)

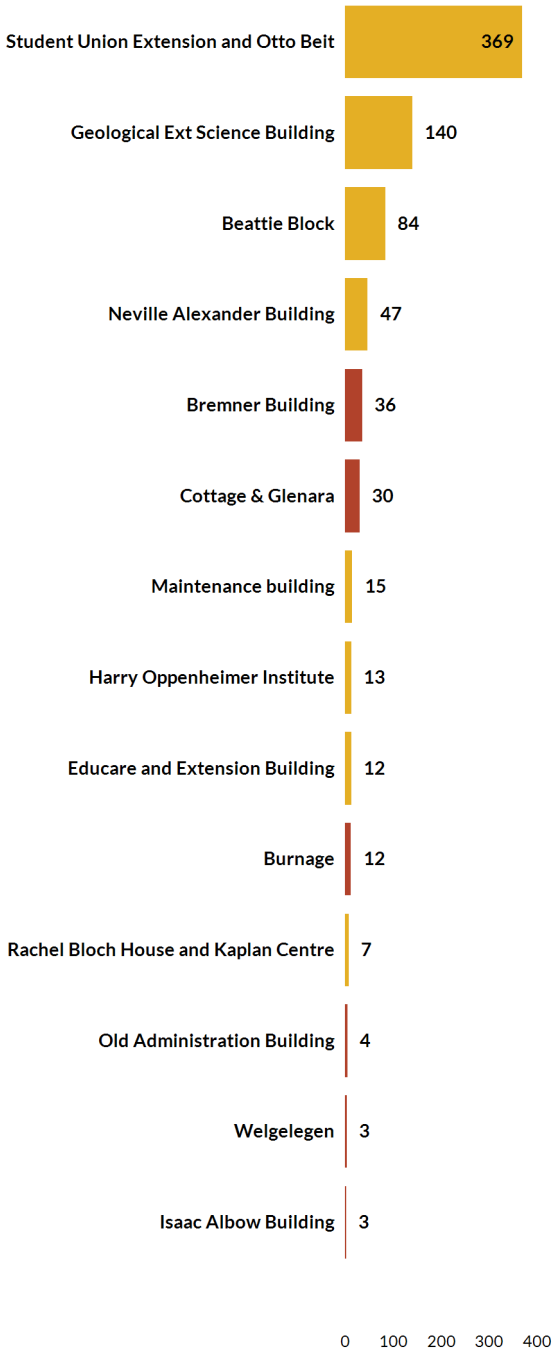
The figure below compares energy used last month to this month, shown as a percentage. A positive number shows an increase in energy usage and a negative number shows a decrease in energy usage form last month to this month.



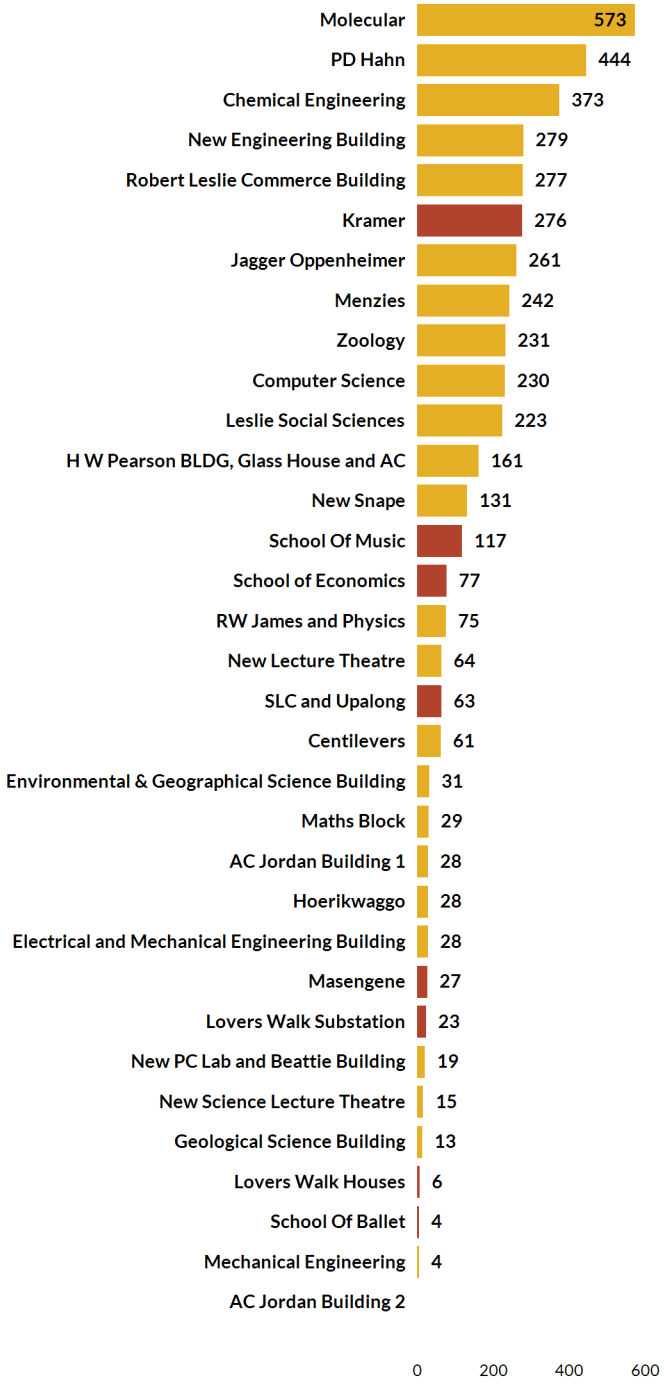
Monthly Maximum Demand (kVA)

Maximum demand is the single highest peak power requirement over a billing period. Maximum demand is an important value to watch as maximum demand charges can amount up to 50% of the total electricity bill.

OFFICE



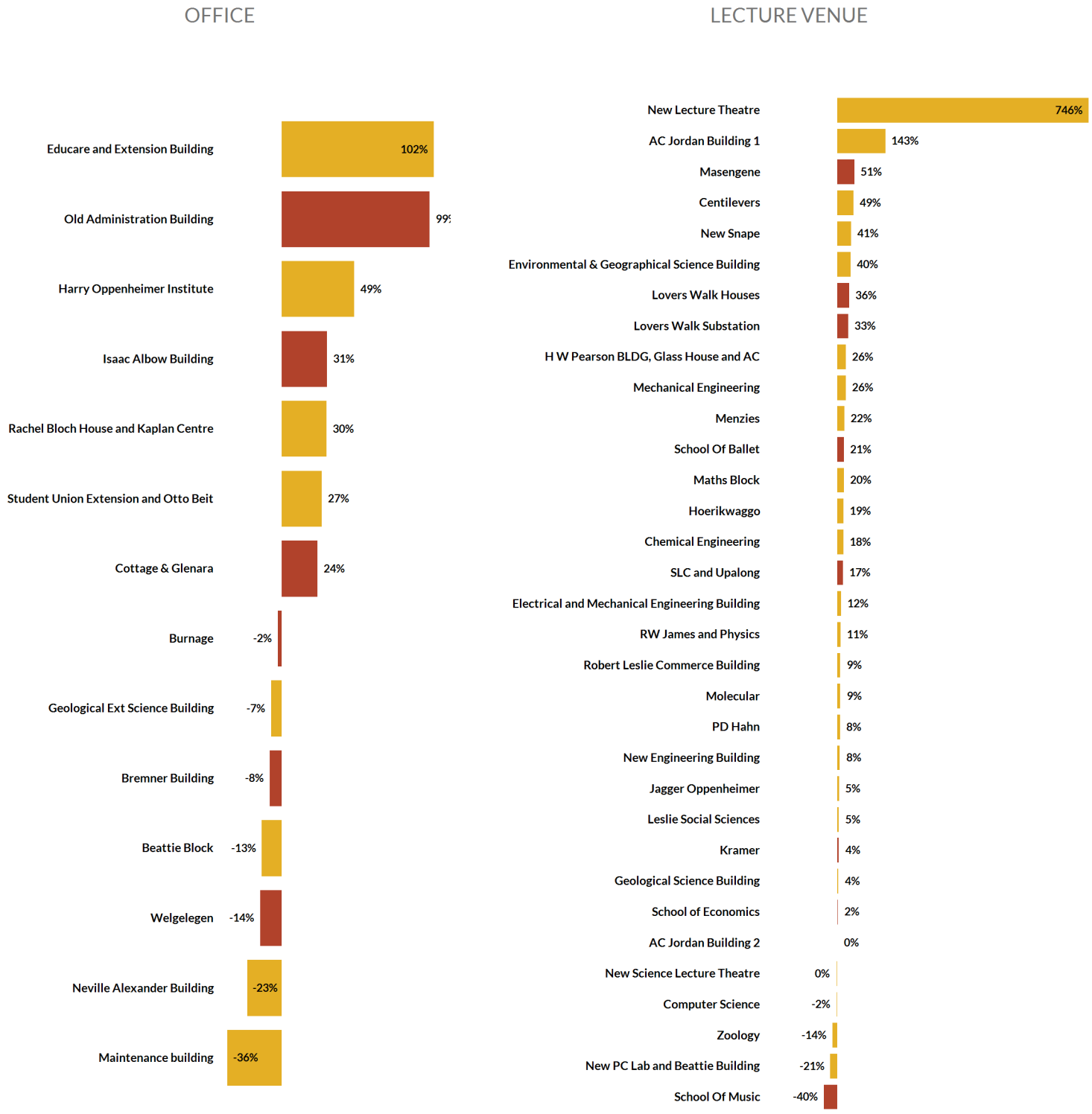
LECTURE VENUE



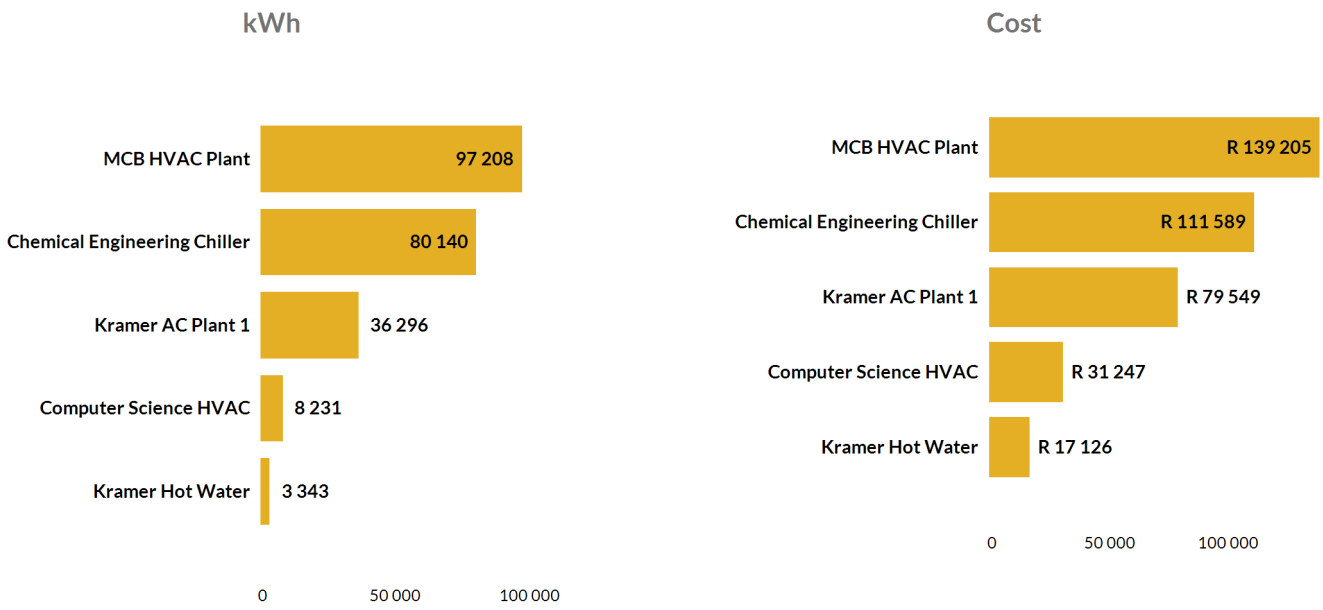
Region Key:
Lower Campus
Upper Campus

Change in Month on Month Maximum Demand (Change in kVA as a %)

The figure below compares maximum demand value from last month to this month, shown as a percentage. A positive number shows an increase in maximum demand and a negative number shows a decrease in maximum demand.



HVAC and Water Heating



Generator Monthly Energy Usage (kWh)