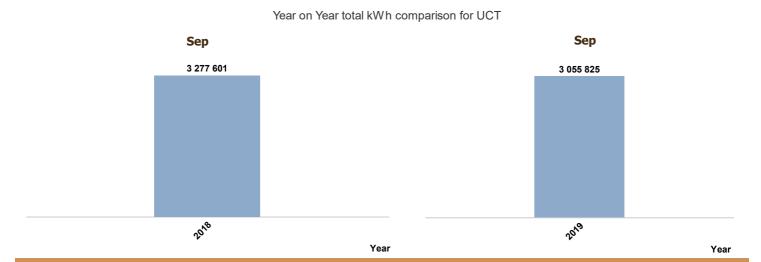
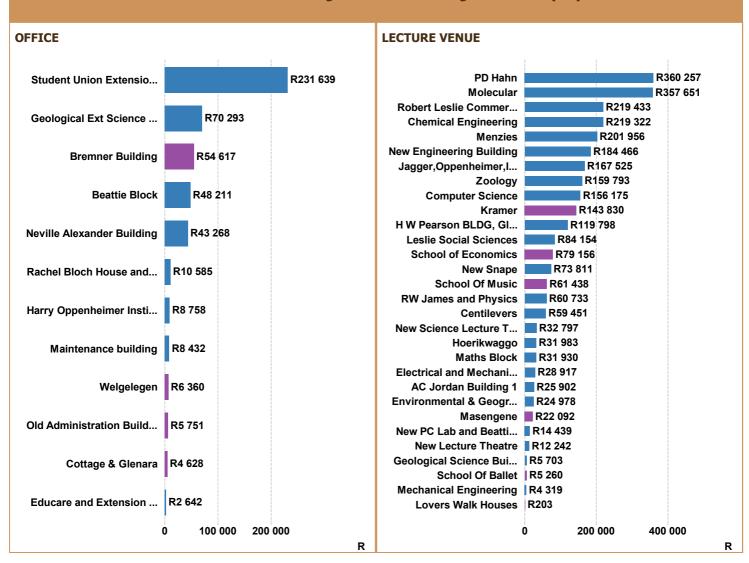
#### **UCT Year on Year Change (kWh)**



## **Total Monthly Electricity Cost (R)**

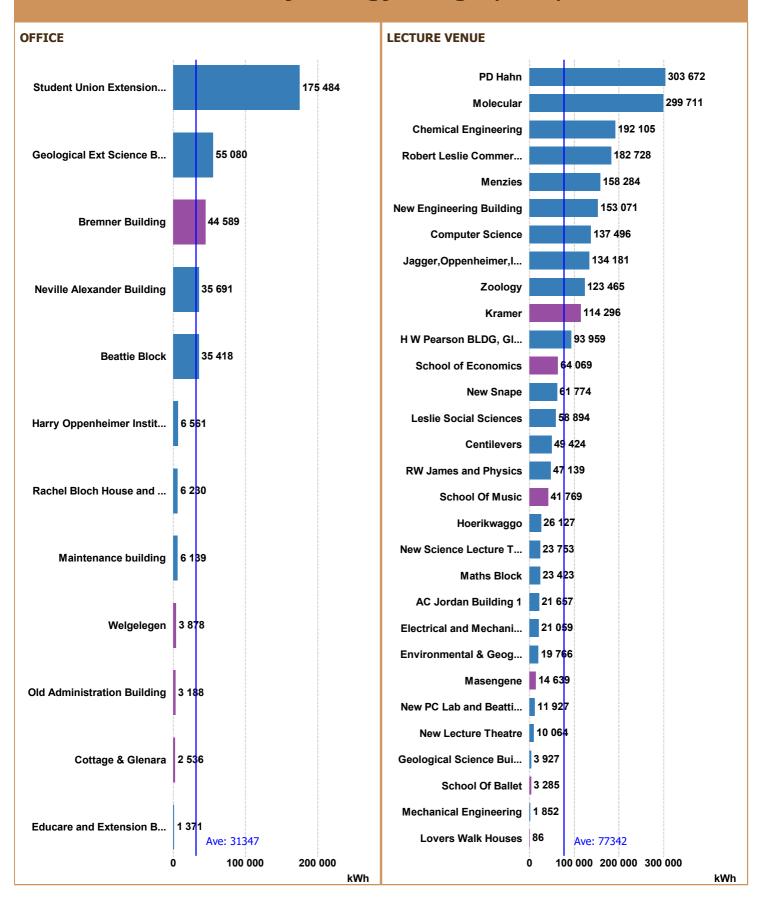


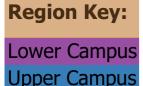
**Region Key:** 

The figures above summarize monthly energy costs.



### **Monthly Energy Usage (kWh)**

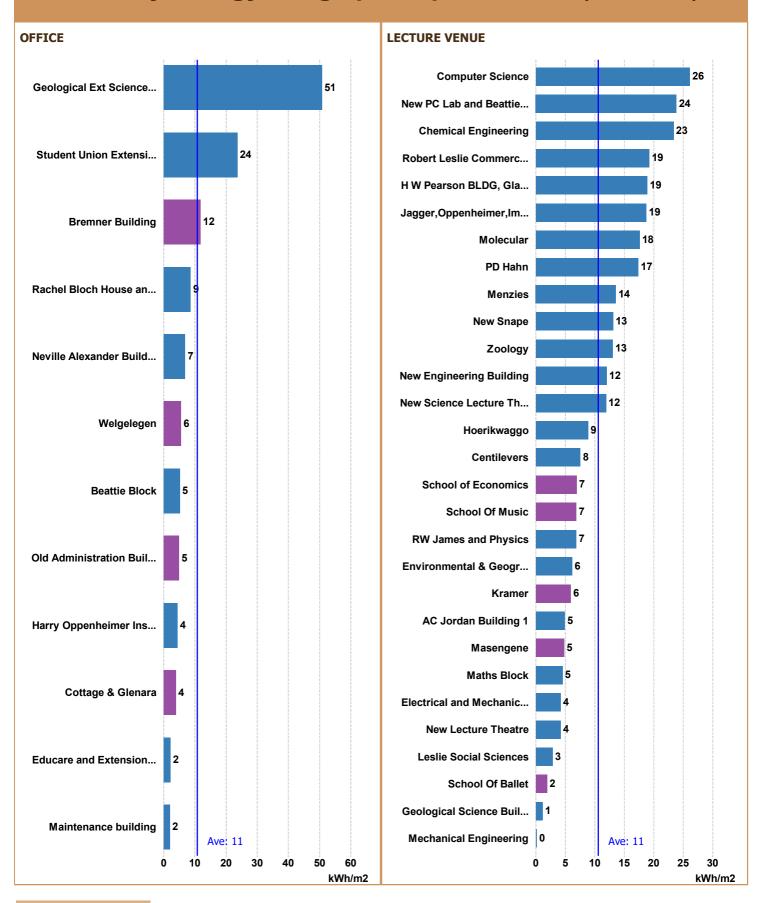




The figures in the graphs above represent the total energy consumption measured in kWh's over the reporting period. The less kWh's consumed within a particular month directly equates to a lower electricity bill.



### Monthly Energy Usage per Square Meter (kWh/m2)

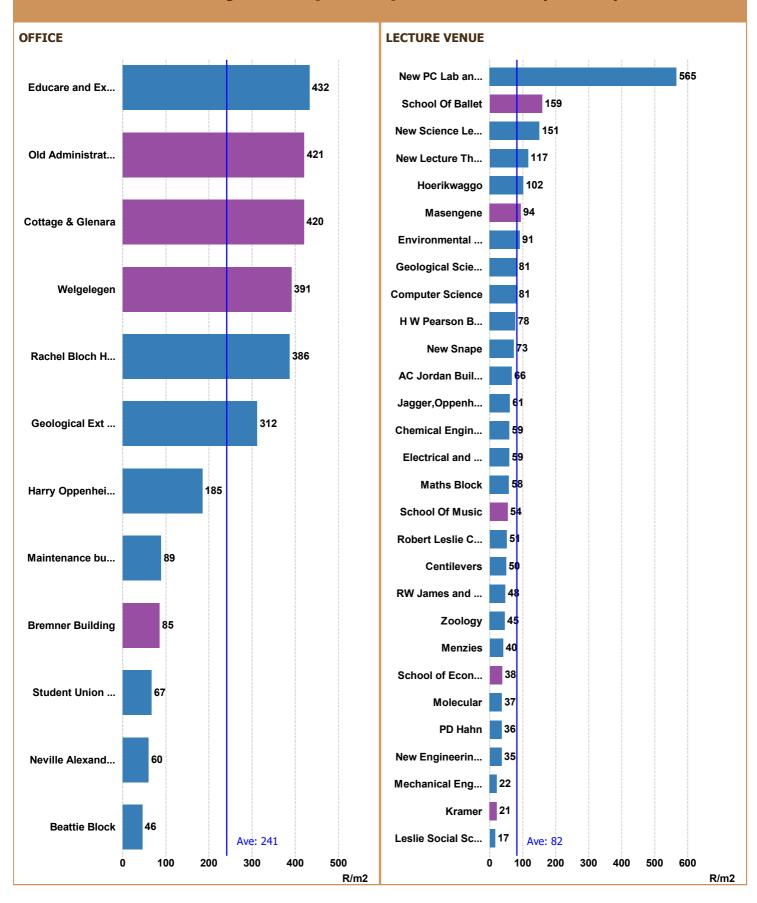


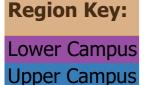
Region Key:
Lower Campus
Upper Campus

The monthly energy usage per square meter (m²) is a benchmarking metric to determine energy usage intensities. The benchmarking metric compares energy intensity figures of similar operations. For example, site "X" has an energy intensity of 400 kWh/m2, and site "Y" has an intensity of 250 kWh/m2. Site "Y" with the lower energy intensity is deemed to be more ef...



### Monthly Cost per Square Meter (R/m2)

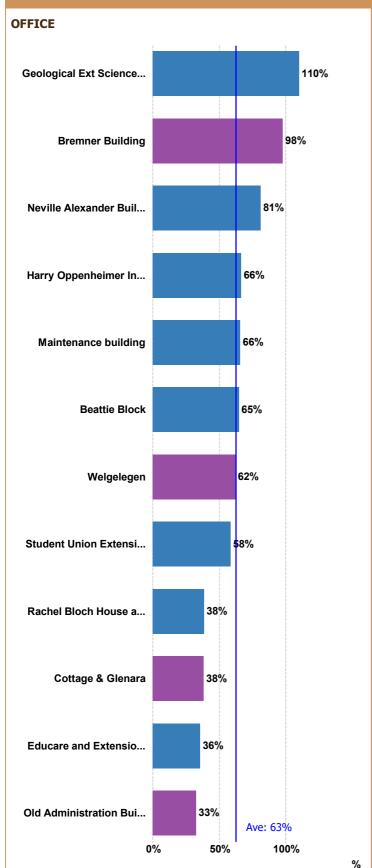


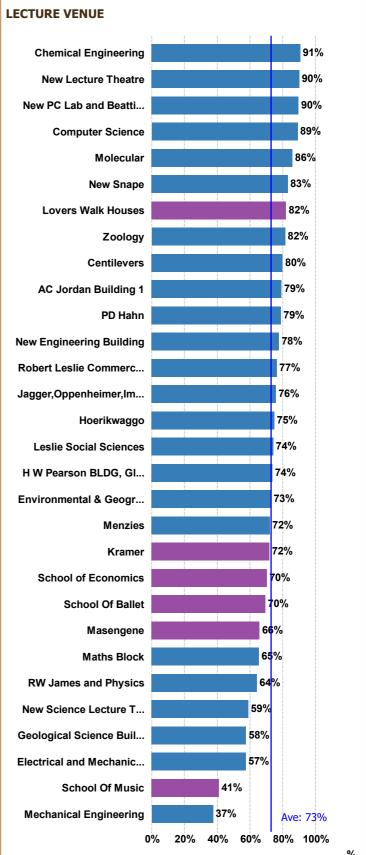


The monthly cost (R) per square meter (m²) is a benchmarking metric to determine energy cost intensities. The benchmarking metric is useful in order to compare intensity figures to other similar operations.



### Monthly "Night" Time Energy Usage (kWh)



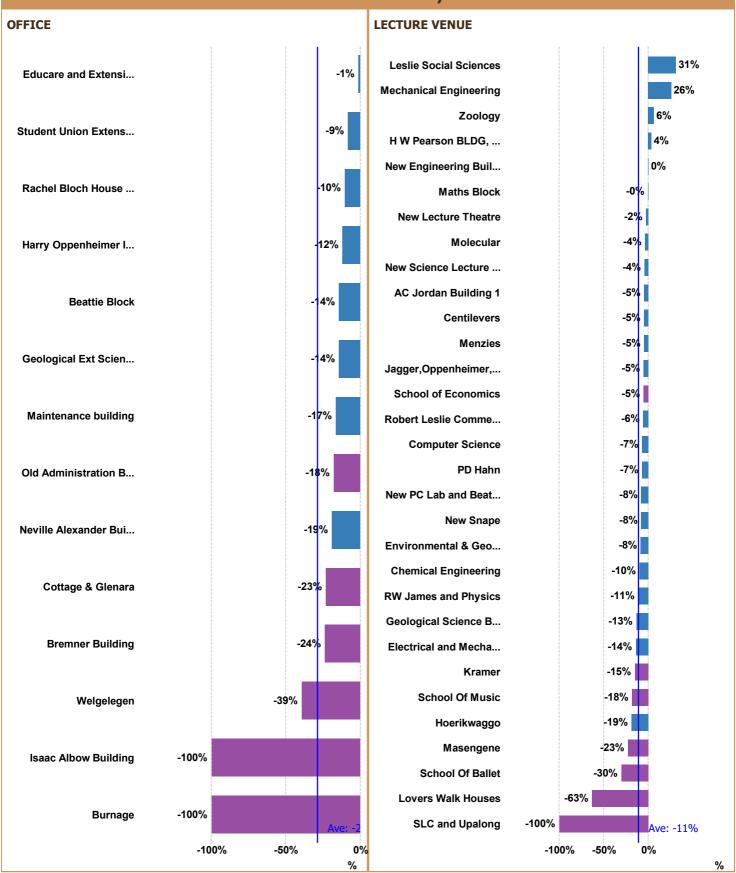


Region Key:
Lower Campus
Upper Campus

The figures above compare 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)



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



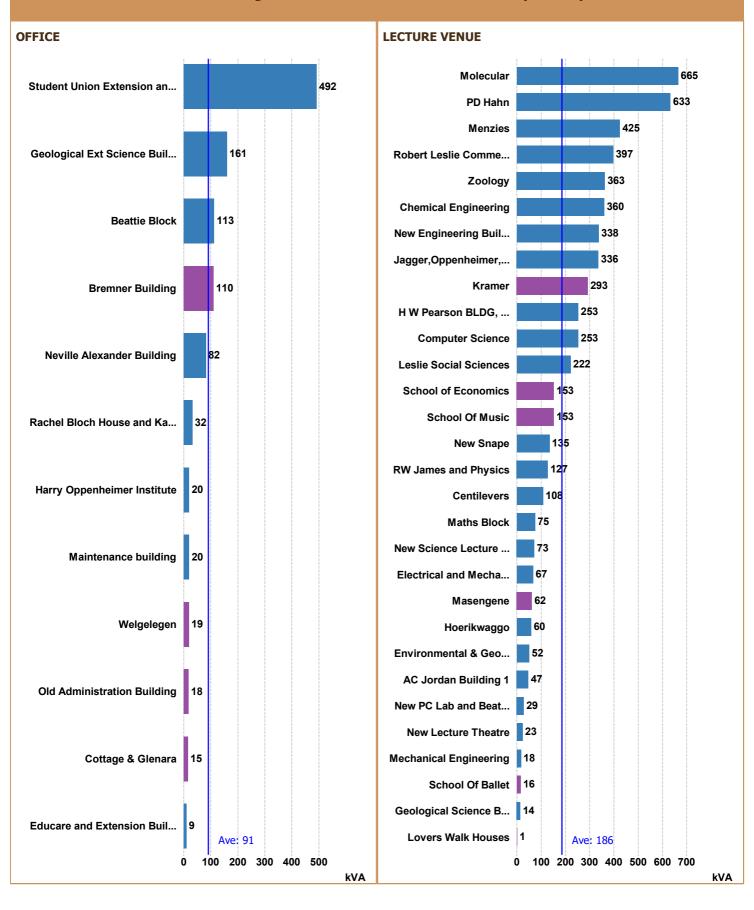


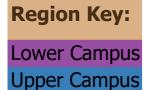
Lower Campus
Upper Campus

The figures above compare energy used last month to this month, 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)**

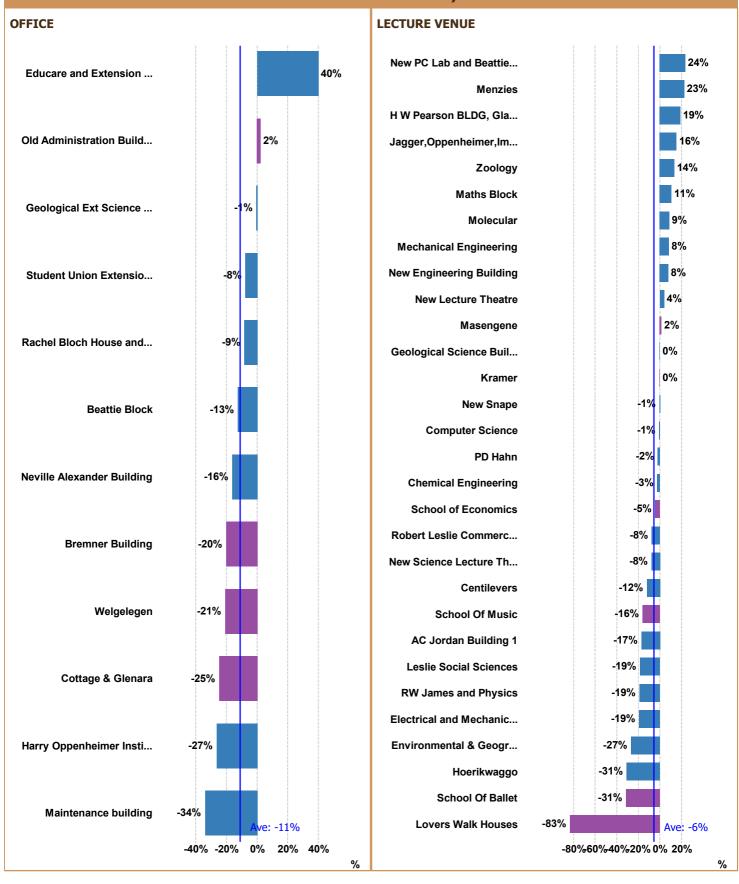




Maximum demand is the single highest peak power requirement over a billing period. Maximum demand is an important value to watch as maximum demand charges can amount up to 50% of the total electricity bill.



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



Region Key:
Lower Campus
Upper Campus

The figures above compare maximum demand values from last month to this month, as a percentage. A positive number shows an increase in maximum demand, and a negative number shows an decrease in maximum demand.



#### **HVAC** and Water Heating **HVAC** and Water Heating (kWh) 126 451 R153 889 **MCB HVAC Plant MCB HVAC Plant** 56 851 R78 832 Chemical Engineering C... Kramer AC Plant 1 Kramer AC Plant 1 53 115 Chemical Engineering C... R72 768 18 112 R34 915 **Computer Science HVAC Kramer Hot Water Kramer Hot Water Computer Science HVAC** R23 646 11 970 R17 796 **Leo Marquard Heat Pumps Leo Marquard Heat Pumps** 50 000 100 000 150 000 50 000 100 000 150 000 kWh

## **Generator Monthly Energy Usage (kWh)**

