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

Year on Year total kWh comparison for UCT

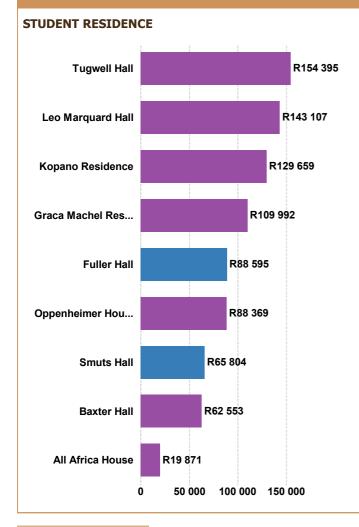


#### Year

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

R

**THEATRE COMPLEX** 



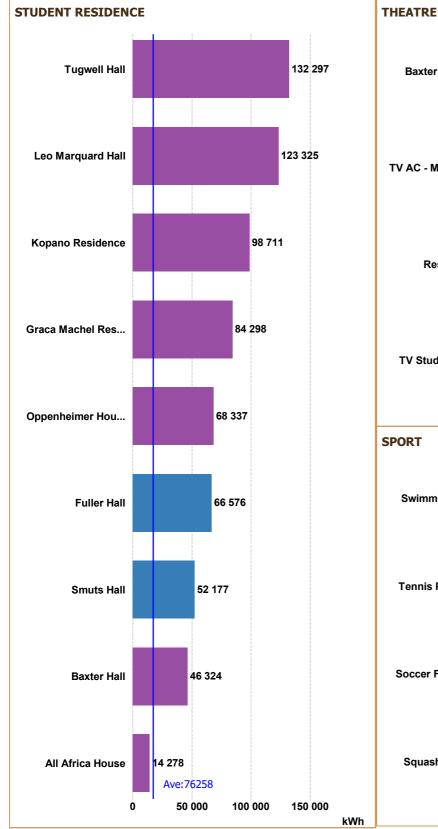
#### R91 137 **Baxter Theatre** R31 228 **TV AC - MCC AC3** R19 853 Restaurant TV Studio - DB2 R1 701 100 000 Ó 50 000 R SPORT R10 490 **Tennis Pavillion** R10 097 **Swimming Pool** R8 621 Soccer Field Fl... R2 612 **Squash Courts** Ó 5 000 10 000 R

**Region Key:** 

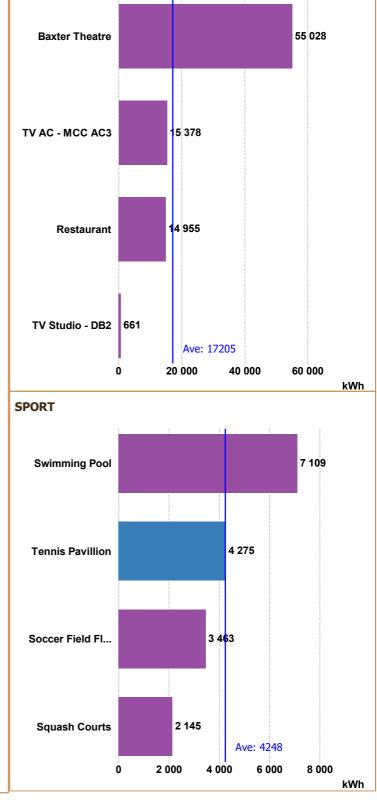
Lower Campus **Upper Campus**  The figures above summarize monthly energy costs.

# FERRA FIRMA SOFTWARE

### Monthly Energy Usage (kWh)



#### THEATRE COMPLEX



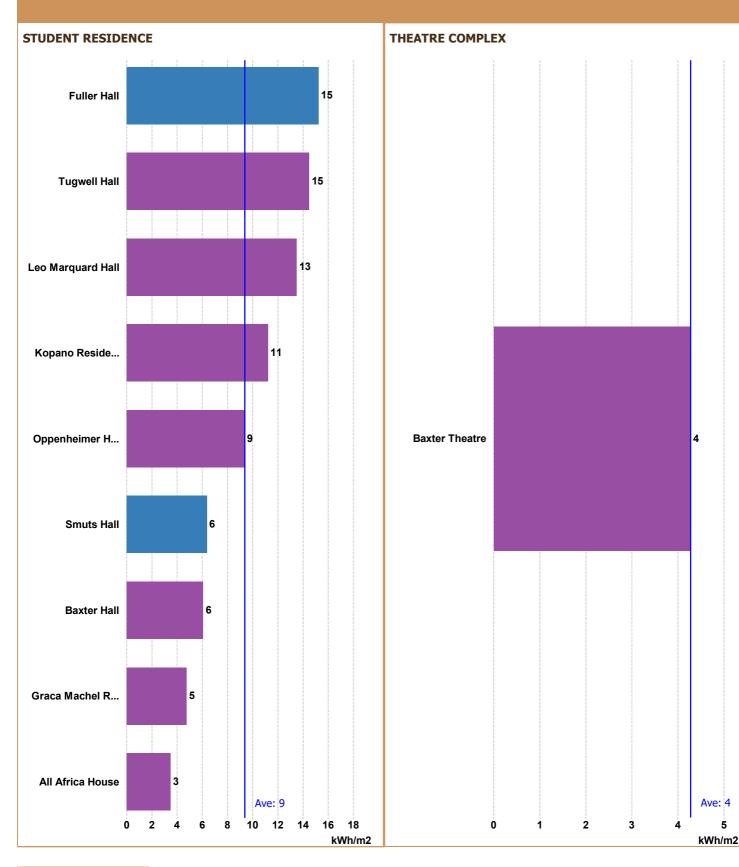
Region Key: Lower Campus

**Upper Campus** 

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.

TERRA FIRMA SOFTWARE

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

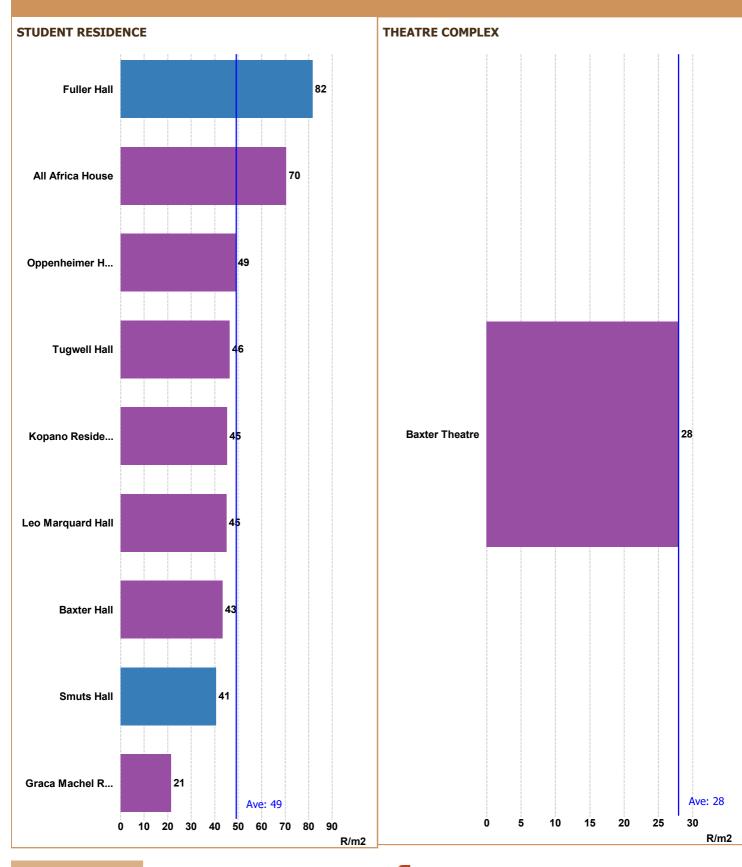


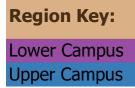
#### Region Key: Lower Campus Upper Campus

The monthly energy usage per square meter (m<sup>2</sup>) 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 kW h/m2, and site "Y" has an intensity of 250 kW h/m2. Site "Y" with the lower energy intensity is deemed to be more efficient.



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

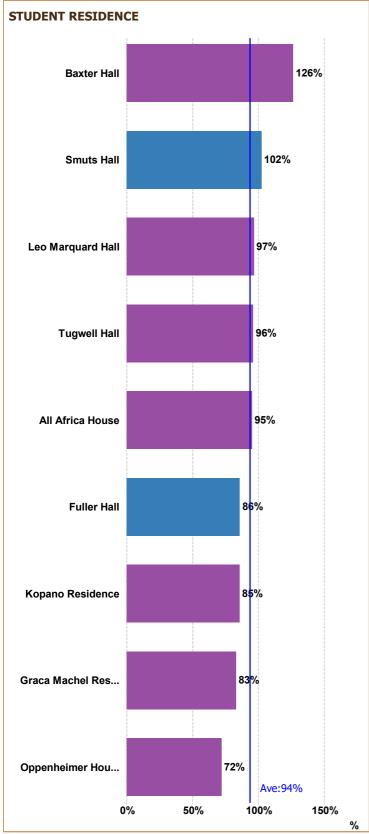


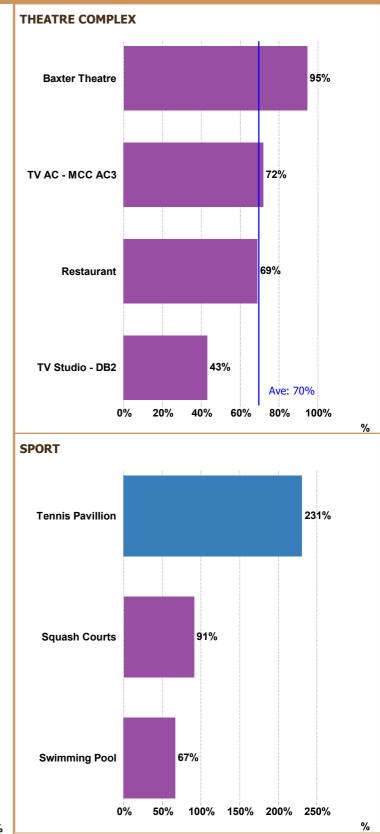


The monthly cost (R) per square meter (m<sup>2</sup>) is a benchmarking metric to determine energy cost intensities. The benchmarking metric is useful in order to compare intensity figures to other similar operations.

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





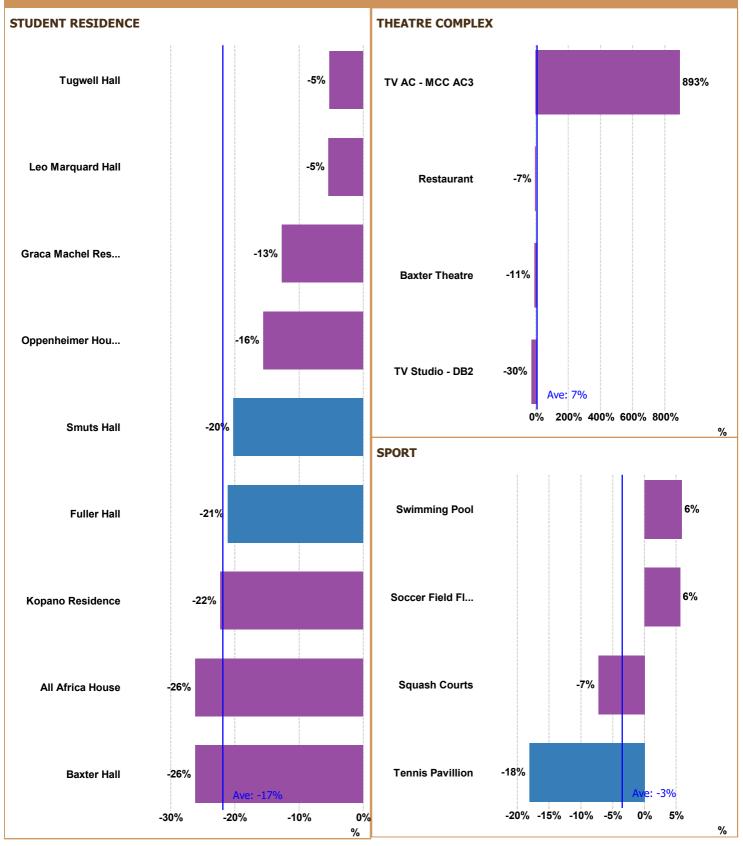
#### Region Key: Lower Campus

**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)

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



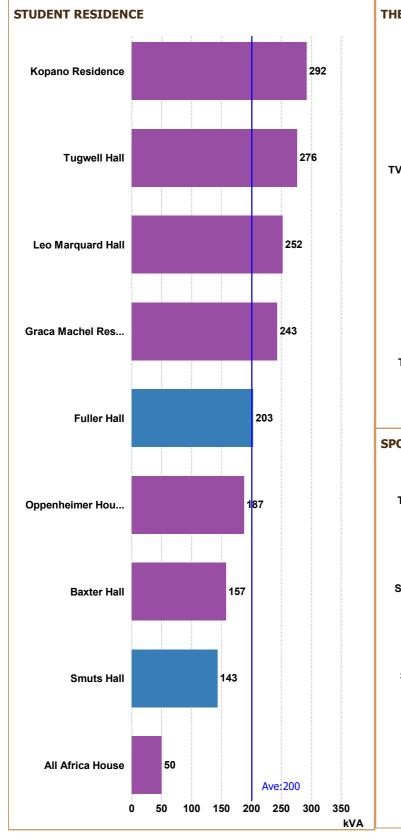


**Upper Campus** 

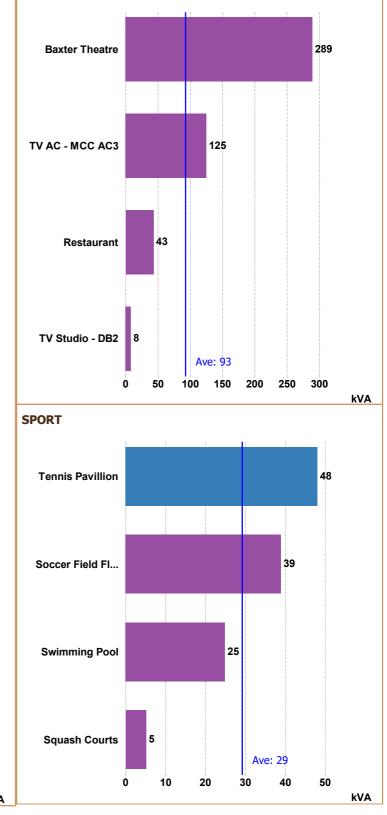
The figures above compare energy used last month to this month, as a percentage. A positive number shows an increase in energy usage, and a negative number shows a decrease in energy usage form last month to this month.

# TERRA FIRMA SOFTWARE

### **Monthly Maximum Demand (kVA)**



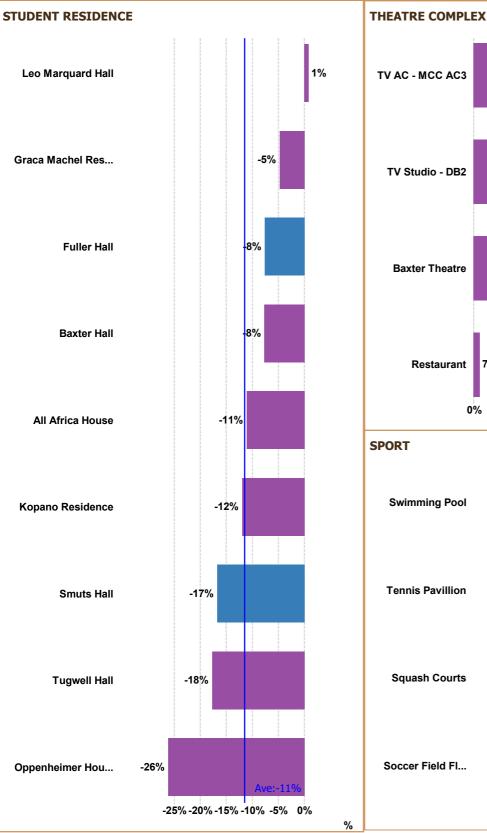
**THEATRE COMPLEX** 

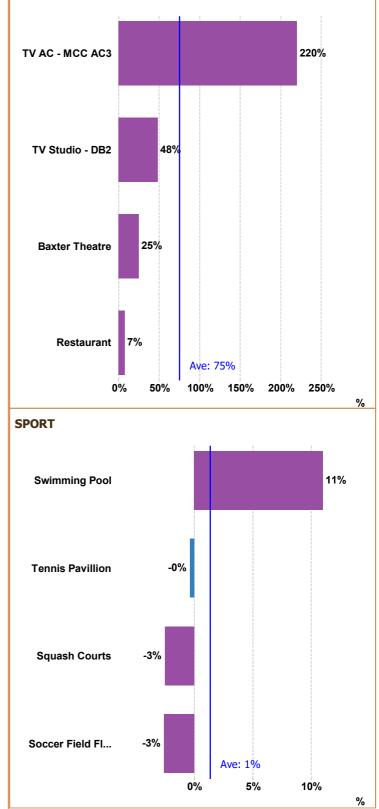


Region Key: Lower Campus Upper Campus Maximum demand is the single highest peak power requirement over a billing period. Maximum demand is an important value to watch as maximum demand charges can amount up to 50% of the total electricity bill.

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## 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 a decrease in maximum demand. TERRA FIRMA SOFTWARE