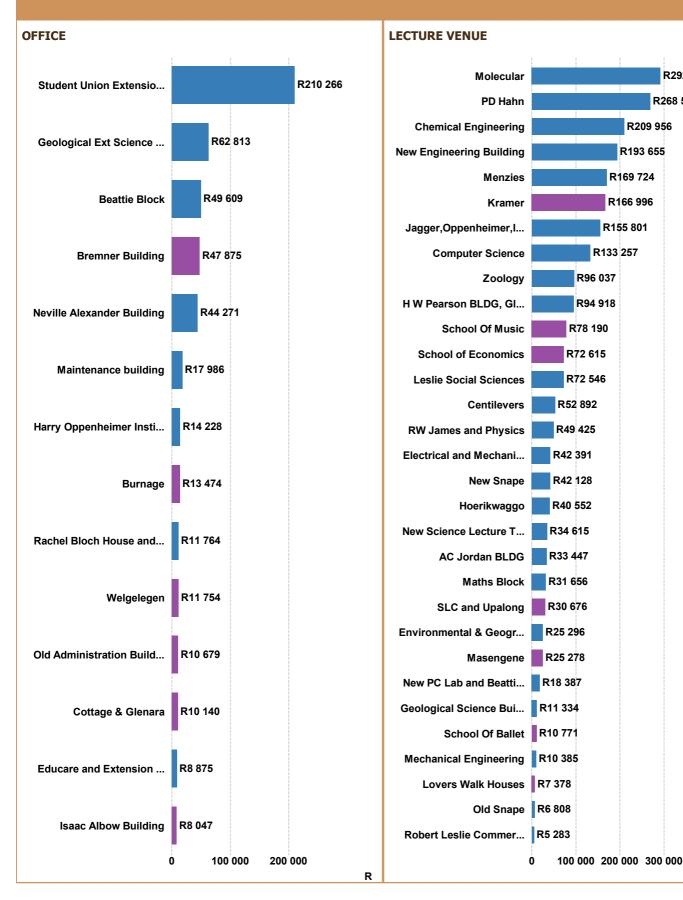
Total Monthly Electricity Cost (R)



The figures above summarize monthly **Region Key:** energy costs.

Lower Campus

Jpper Campus

ERRA FIRMA SOFTWARE

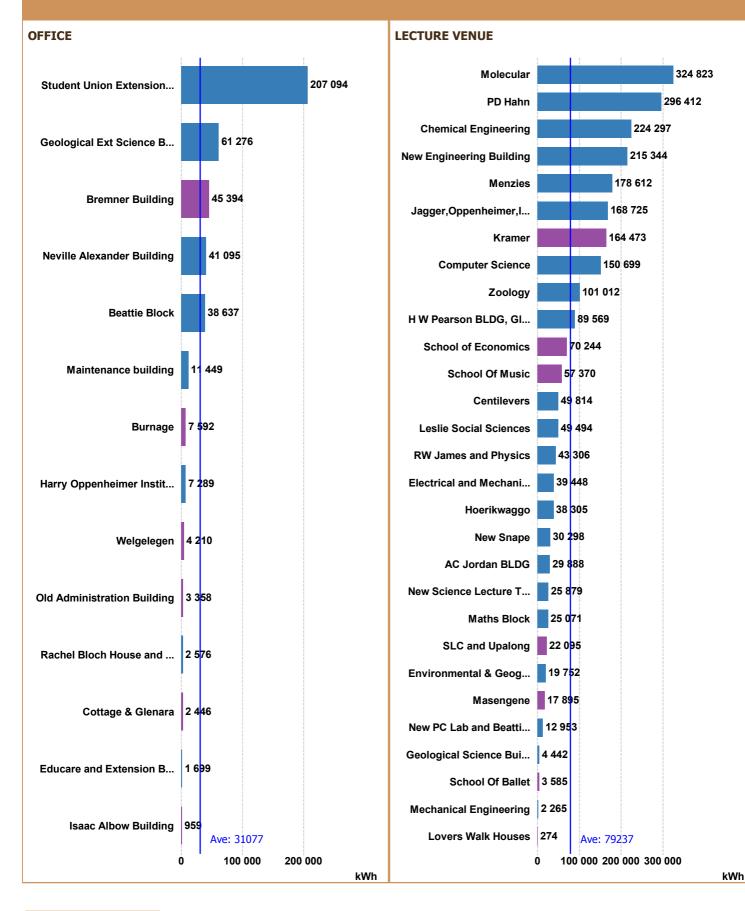
Report Period: Oct 2017

R

R292 372

R268 536

Monthly Energy Usage (kWh)

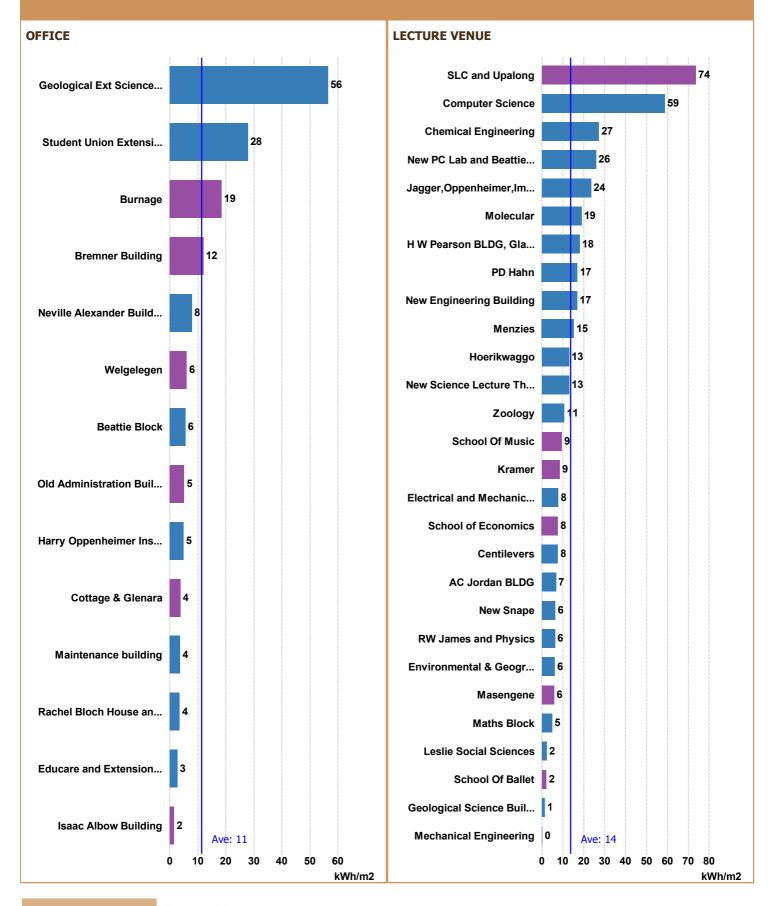


Region Key: Lower Campus Upper Campus

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.

FIRMA SOFTWARE

Monthly Energy Usage per Square Meter (kWh/m2)

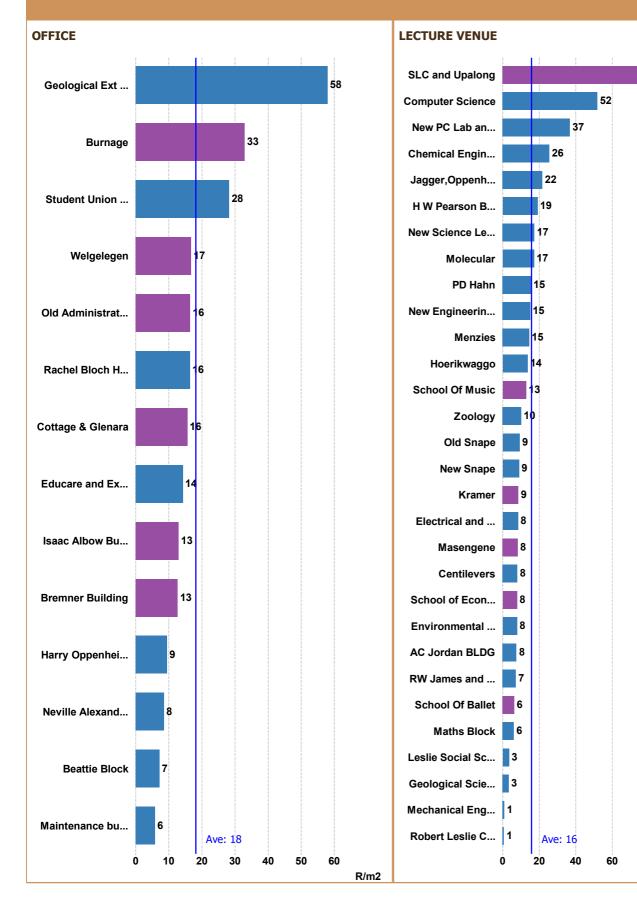


Region Key: Lower Campus Upper Campus

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...

F TERRA FIRMA SOFTWARE

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.

TERRA FIRMA SOFTWARE

80

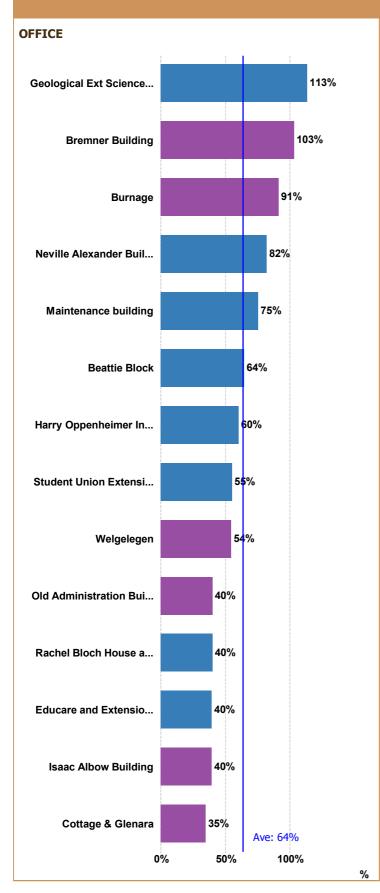
100

120

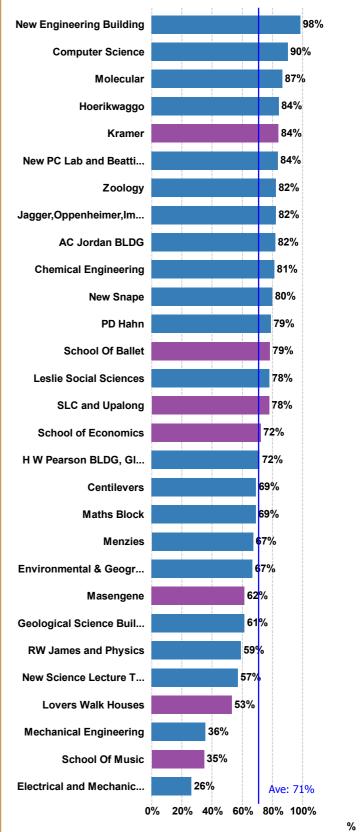
R/m2

102

Monthly "Night" Time Energy Usage (kWh)



LECTURE VENUE

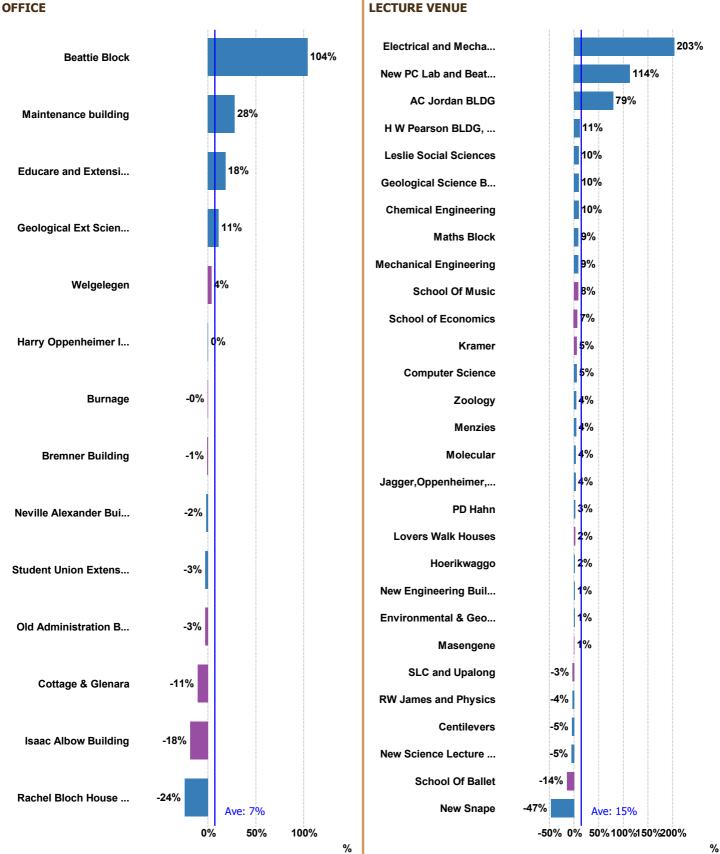


Region Key: Lower Campus Upper Campus

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)

TERRA FIRMA SOFTWARE

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



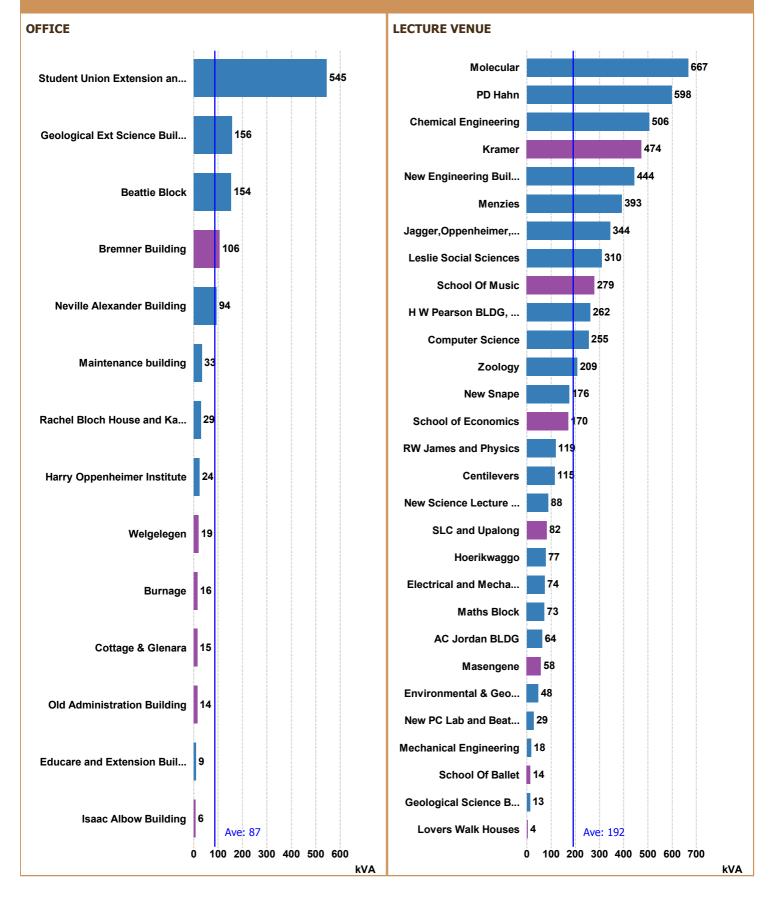
LECTURE VENUE

Region Key: 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.

TERRA FIRMA SOFTWARE

Monthly Maximum Demand (kVA)

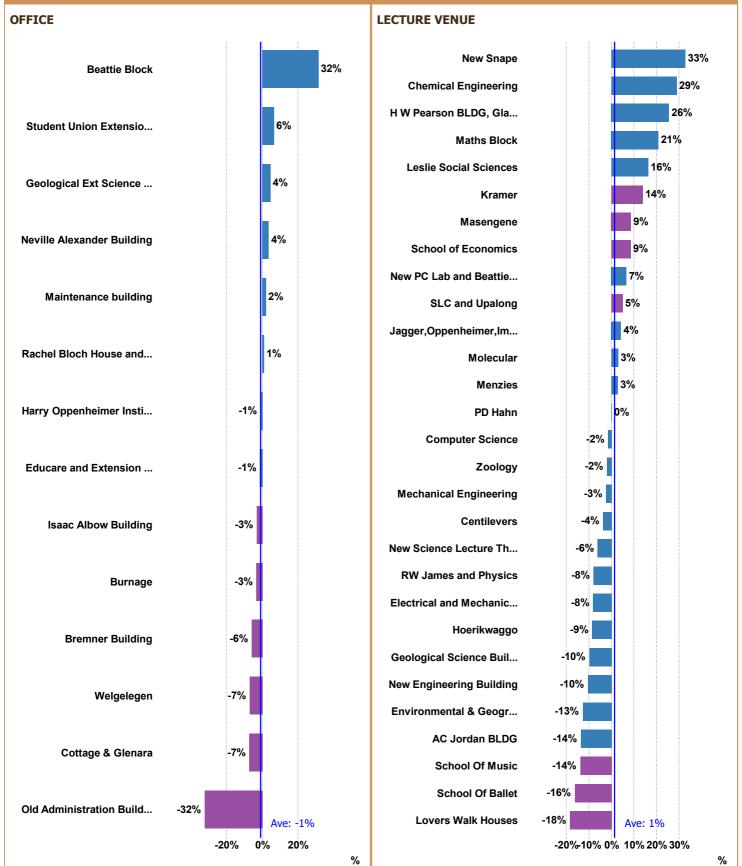


Region Key:Maximur
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maximur
electricity

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.

TERRA FIRMA SOFTWARE

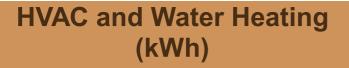
Change in Month on Month Maximum Demand (Change in kVA as a %)



Region Key:The figure
demand
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maximuLower CampusImage: Compute
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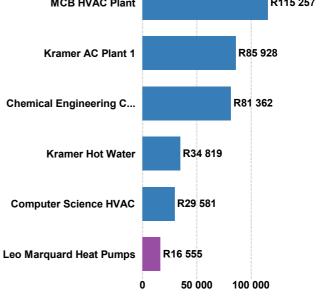
The figures above compare maximum demand values from last month to this month, as a percentage. A positive number shows an increase in maximum demand, and a negative number shows an decrease in maximum demand.

TERRA FIRMA SOFTWARE

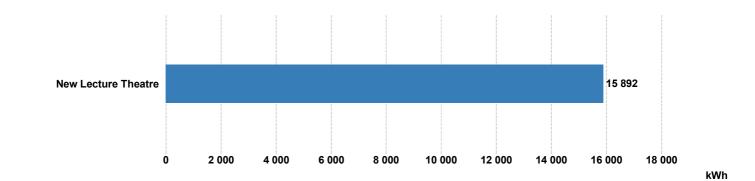


129 429 MCB HVAC Plant Kramer AC Plant 1 88 911 Chemical Engineering C... 77 147 31 852 **Computer Science HVAC** Kramer Hot Water 25 219 12 798 Leo Marquard Heat Pumps Ò 50 000 100 000 150 000 kWh

HVAC and Water Heating (R) MCB HVAC Plant R115 257



Generator Monthly Energy Usage (kWh)



R