

February 2019 UCT Comparative Energy Statistics

Highest
Lowest

OFFICE	
<b>Monthly Electricity Cost</b>	
Student Union Ext. and Otto Beit	R 243 148
Geological Ext. Science Building	R 69 404
Educare and Extension	R 1 454
Isaac Albow Building	R 935
<b>Monthly Energy Usage</b>	
Student Union Ext. and Otto Beit	205 318 kWh
Geological Ext. Science Building	62 963 kWh
Educare and Extension	987 kWh
Isaac Albow Building	654 kWh
<b>Monthly Energy Usage per Square Meter</b>	
Geological Ext. Science Building	58 kWh/m <sup>2</sup>
Student Union Ext. and Otto Beit	28 kWh/m <sup>2</sup>
Educare and Extension	2 kWh/m <sup>2</sup>
Isaac Albow Building	1 kWh/m <sup>2</sup>
<b>Monthly Cost per Square Meter</b>	
Burnage	546 R/m <sup>2</sup>
Isaac Albow Building	351 R/m <sup>2</sup>
Neville Alexander Building	49 R/m <sup>2</sup>
Beattie Block	38 R/m <sup>2</sup>
<b>Monthly "Night" Time Energy Usage</b>	
Bremner Building	93%
Geological Ext. Science Building	89%
Rachel Bloch House	43%
Educare and Extension	32%
<b>Change in Month-on-Month Energy</b>	
Educare and Extension	147%
Bremner Building	71%
Harry Oppenheimer	-8%
Old Administration	-11%
<b>Maximum Demand</b>	
Student Union Ext. and Otto Beit	645 kVA
Geological Ext. Science Building	176 kVA
Educare and Extension	5 kVA
Isaac Albow Building	3 kVA
<b>Change in Month-on-Month Maximum Demand</b>	
Isaac Albow Building	53%
Bremner Building	27%
Cottage & Glenara	-7%
Rachel Bloch House	-9%

LECTURE VENUE	
<b>Monthly Electricity Cost</b>	
Molecular	R 293 498
PD Hahn	R 264 272
Mechanical Engineering	R 3 002
Lovers Walk Houses	R 223
<b>Monthly Energy Usage</b>	
Molecular	284 501 kWh
PD Hahn	244 571 kWh
Mechanical Engineering	1 071 kWh
Lovers Walk Houses	123 kWh
<b>Monthly Energy Usage per Square Meter</b>	
SLC and Upalong	52 kWh/m <sup>2</sup>
Zoology	47 kWh/m <sup>2</sup>
Geological Science	1 kWh/m <sup>2</sup>
Mechanical Engineering	0 kWh/m <sup>2</sup>
<b>Monthly Cost per Square Meter</b>	
SLC and Upalong	783 R/m <sup>2</sup>
New PC Lab and Beattie Building	458 R/m <sup>2</sup>
Mechanical Engineering	17 R/m <sup>2</sup>
Leslie Social	15 R/m <sup>2</sup>
<b>Monthly "Night" Time Energy Usage</b>	
Chemical Engineering	93%
SLC and Upalong	91%
New Lecture Theatre	34%
Zoology	2%
<b>Change in Month-on-Month Energy</b>	
AC Jordan Building I	38%
New Lecture Theatre	32%
New PC Lab and Beat	-15%
Mechanical Engineering	-28%
<b>Maximum Demand</b>	
Molecular	632 kVA
PD Hahn	616 kVA
School Of Ballet	10 kVA
Lovers Walk Houses	1 kVA
<b>Change in Month-on-Month Maximum Demand</b>	
Maths Block	73%
New Snape	47%
Jagger, Oppenheimer	0%
Hoerikwaggo	-8%

RESIDENCE	
<b>Monthly Electricity Cost</b>	
Leo Marquard Hall	R 103 686
Tugwell Hall	R 85 237
Baxter Hall	R 22 623
All Africa House	R 14 086
<b>Monthly Energy Usage</b>	
Oppenheimer	85 579 kWh
Kopano Residence	73 959 kWh
Baxter Hall	19 274 kWh
All Africa House	10 905 kWh
<b>Monthly Energy Usage per Square Meter</b>	
Leo Marquard Hall	10 kWh/m <sup>2</sup>
Tugwell Hall	9 kWh/m <sup>2</sup>
Baxter Hall	3 kWh/m <sup>2</sup>
All Africa House	3 kWh/m <sup>2</sup>
<b>Monthly Cost per Square Meter</b>	
Fuller Hall	61 R/m <sup>2</sup>
Leo Marquard Hall	56 R/m <sup>2</sup>
Smuts Hall	30 R/m <sup>2</sup>
Graca Machel R...	16 R/m <sup>2</sup>
<b>Monthly "Night" Time Energy Usage</b>	
Baxter Hall	121%
Smuts Hall	104%
Tugwell Hall	75%
Oppenheimer	72%
<b>Change in Month-on-Month Energy</b>	
Fuller Hall	103%
Tugwell Hall	54%
Oppenheimer	-8%
All Africa House	-13%
<b>Maximum Demand</b>	
Leo Marquard Hall	292 kVA
Tugwell Hall	218 kVA
Baxter Hall	67 kVA
All Africa House	45 kVA
<b>Change in Month-on-Month Maximum Demand</b>	
Smuts Hall	52%
Leo Marquard Hall	43%
Kopano Residence	10%
All Africa House	-3%