## May 2017 UCT Comparative Energy Statistics

OFFICE Monthly Electricity Cost	
Geological Ext. Science Building	R 58 034
Educare and Extension Building	R 8 489
Isaac Albow Building	R 7 925
Monthly Energy Usage	
Student Union Ext. and Otto Beit	171 034 kWh
Geological Ext. Science Building	58 932 kWh
Educare and Extension Building	I 401 kWh
Isaac Albow Building	874 kWh
Monthly Energy Usage per Square Meter	
Geological Ext. Science Building	54 kWh/m²
Student Union Ext. and Otto Beit	23 kWh/m <sup>2</sup>
Educare and Extension Building	2 kWh/m²
Isaac Albow Building	I kWh/m²
Monthly Cost per Square Meter	
Geological Ext. Science Building	54 R/m <sup>2</sup>
Burnage	32 R/m <sup>2</sup>
Beattie Block	7 R/m²
Maintenance Building	6 R/m²
Monthly "Night" Time Ener	gy Usage
Geological Ext. Science Building	114%
Bremner Building	103%
Rachel Bloch House	35%
Educare and Extension Building	33%
Change in Month-on-Month Energy	
Welgelegen	53%
Rachel Bloch House	36%
Geological Ext. Science Building	۱%
Maintenance Building	0%
Maximum Demand	1
Student Union Ext. and Otto Beit	488 kVA
Geological Ext. Science Building	141 kVA
Educare and Extension Building	8 kVA
Isaac Albow Building	6 kVA
Change in Month-on-Month Maximum Demand	
Maintenance Building	72%
Isaac Albow Building	62%
Educare and Extension Building	8%
Neville Alexander Building	-12%

## LECTURE VENUE

Monthly Electricity Cost	
Molecular	R 284 77
PD Hahn	R 249 41
Robert Leslie Commerce Building	R 6 808
Old Snape	R 6 808
Monthly Energy U	Jsage
Molecular	328 773 kWł
PD Hahn	280 868 kWł
Mechanical Engineering	I 377 kWł
Lovers Walk Houses	421 kWł
Monthly Energy Usage per	Square Meter
SLC and Upalong	63 kWh/m
New PC Lab and Beattie Building	28 kWh/m
Geological Science Building	I kWh/m
Mechanical Engineering	0 kWh/m
Monthly Cost per Squ	are Meter
SLC and Upalong	81 R/m
New PC Lab and Beattie Building	38 R/m
Robert Leslie Commerce Building	I R/m
Mechanical Engineering	I R/m
Monthly "Night" Time E	nergy Usage
Lover Walk Houses	316%
New Lecture Theatre	94%
School of Music	37%
Mechanical Engineering	26%
Change in Month-on-Mo	onth Energy
Lovers Walk Houses	125%
New Lecture Theatre	80%
H W Pearson BLDG, Glass House and AC	-18%
Leslie Social Sciences	-20%
Maximum Dem	
Molecular	639 kV/
PD Hahn	574 kV/
Geological Science Building	12 kV/
Lovers Walk Houses	2 kV/
Change in Month-on-Month M	
School of Music	569
Lovers Walk Houses	31%
SLC and Upalong	-26%
New Lecture Theatre	-42%

## RESIDENCE Monthly Electricity Cost Leo Marquard Hall R 116 223 Tugwell Hall R 109 409 R 29 478 All Africa House Graca Machal Residence R 16 959 Monthly Energy Usage Leo Marquard Hall 119 511 kWh Tugwell Hall 107 209 kWh 22 687 kWh All Africa House Graca Machal Residence 10 830 kWh Monthly Energy Usage per Square Meter Fuller Hall 14 kWh/m<sup>2</sup> Leo Marquard Hall 13 kWh/m<sup>2</sup> Baxter Hall 4 kWh/m<sup>2</sup> I kWh/m<sup>2</sup> Graca Machal Residence Monthly Cost per Square Meter 15 R/m<sup>2</sup> Fuller Hall Leo Marquard Hall 13 R/m<sup>2</sup> 5 R/m<sup>2</sup> Baxter Hall Graca Machal Residence I R/m<sup>2</sup> Monthly "Night" Time Energy Usage 146% Baxter Hall 111% Smuts Hall Leo Marquard Hall 78% Oppenheimer Housing and Woolsack 63% Change in Month-on-Month Energy Baxter Hall 41% Smuts Hall 23% 6% Tugwell Hall Graca Machal Hall 3% Maximum Demand 306 kVA Tugwell Hall 290 kVA Leo Marguard Hall All Africa House 76 kVA Graca Machal Residence 30 kVA Change in Month-on-Month Maximum Demand Graca Machal Residence 50% 49% Baxter Hall All Africa House ١% Leo Marquard Hall -4%

Highest

Lowest