

May 2020 UCT Comparative Energy Statistics

Highest
Lowest

OFFICE	
Monthly Electricity Cost	
Student Union Ext. and Otto Beit	R 56 957
Beattie Block	R 23 353
Isaac Albow Building	R 334
Educare and Extension	R 309
Monthly Energy Usage	
Student Union Ext. and Otto Beit	46 444 kWh
Bremner Building	21 629 kWh
Educare and Extension	278 kWh
Isaac Albow Building	270 kWh
Monthly Energy Usage per Square Meter	
Burnage	7 kWh/m ²
Student Union Ext. and Otto Beit	6 kWh/m ²
Educare and Extension	0 kWh/m ²
Isaac Albow Building	0 kWh/m ²
Monthly Cost per Square Meter	
Geological Ext. Science Building	15 R/m ²
Burnage	2 R/m ²
Isaac Albow Building	0 R/m ²
Educare and Extension	0 R/m ²
Monthly "Night" Time Energy Usage	
Burnage	62%
Bremner Building	65%
Harry Oppenheimer Institute	0%
Rachel Bloch House and Kaplan Centre	0%
Change in Month-on-Month Energy	
Bremner Building	14%
Burnage	11%
Neville Alexander Building	-100%
Geological Ext Science	-100%
Maximum Demand	
Student Union Ext. and Otto Beit	120 kVA
Beattie Block	45 kVA
Isaac Albow Building	1 kVA
Educare and Extension	1 kVA
Change in Month-on-Month Maximum Demand	
Student Union Ext. and Otto Beit	56%
Burnage	30%
Neville Alexander Building	-100%
Geological Ext Science	-100%

LECTURE VENUE	
Monthly Electricity Cost	
PD Hahn	R 216 086
Molecular	R 187 873
SLC and Upalong	R 558
AC Jordan Building 2	R 0
Monthly Energy Usage	
PD Hahn	193 664 kWh
Chemical Engineering	166 986 kWh
SLC and Upalong	376 kWh
AC Jordan Building 2	0 kWh
Monthly Energy Usage per Square Meter	
Chemical Engineering	20 kWh/m ²
Computer Science	18 kWh/m ²
School Of Ballet	0 kWh/m ²
Mechanical Engineering	0 kWh/m ²
Monthly Cost per Square Meter	
Chemical Engineering	5 R/m ²
New PC Lab and Beattie Building	4 R/m ²
Lovers Walk Houses	0 R/m ²
AC Jordan Building 2	0 R/m ²
Monthly "Night" Time Energy Usage	
School Of Ballet	80%
New Lecture Theatre	68%
Rebert Lesile Commerce Building	0%
Computer Science	0%
Change in Month-on-Month Energy	
AC Jordan Building 1	142%
SLC and Upalong	58%
Molecular	-27%
Centilevers	-100%
Maximum Demand	
PD Hahn	347 kVA
Molecular	343 kVA
Mechanical Engineering	2 kVA
AC Jordan Building 2	0 kVA
Change in Month-on-Month Maximum Demand	
AC Jordan Building 1	134%
SLC and Upalong	102%
New PC Lab and Beattie	-82%
Centilevers	-100%

RESIDENCE	
Monthly Electricity Cost	
Leo Marquard Hall	R 57 731
Fuller Hall	R 25 198
Smuts Hall	R 14 174
Baxter Hall	R 13 410
Monthly Energy Usage	
Leo Marquard Hall	51 676 kWh
Fuller Hall	20 322 kWh
Bater Hall	10 937 kWh
All Africa House	8 804 kWh
Monthly Energy Usage per Square Meter	
Leo Marquard Hall	6 kWh/m ²
Fuller Hall	5 kWh/m ²
Baxter Hall	1 kWh/m ²
Graca Machel	1 kWh/m ²
Monthly Cost per Square Meter	
All Africa House	2 R/m ²
Fuller Hall	2 R/m ²
Graca Machel Res	0 R/m ²
Smuts Hall	0 R/m ²
Monthly "Night" Time Energy Usage	
Kopano Residence	88%
Baxter Hall	71%
Smuts Hall	65%
Tugwell Hall	0%
Change in Month-on-Month Energy	
All Africa House	15%
Fuller Hall	5%
Graca Machel Res	-33%
Kopano Residence	-43%
Maximum Demand	
Leo Marquard Hall	94 kVA
All Africa House	58 kVA
Baxter Hall	29 kVA
Smuts Hall	25 kVA
Change in Month-on-Month Maximum Demand	
All Africa House	136%
Fuller Hall	20%
Kopano Residence	-10%
Smuts Hall	-43%