January 2019 UCT Comparative Energy Statistics

OFFICE		
Monthly Electricity Cost		
Student Union Ext. and Otto Beit	R 206 043	
Geological Ext. Science Building	R 70 452	
Educare and Extension	R 799	
Isaac Albow Building	R 668	
Monthly Energy Usage		
Student Union Ext. and Otto Beit	180 572 kWh	
Geological Ext. Science Building	64 440 kWh	
Isaac Albow Building	513 kWh	
Educare and Extension	400 kWh	
Monthly Energy Usage per Square Meter		
Geological Ext. Science Building	59 kWh/m ²	
Student Union Ext. and Otto Beit	24 kWh/m ²	
Isaac Albow Building	l kWh/m²	
Educare and Extension	l kWh/m²	
Monthly Cost per Square Meter		
Burnage	602 R/m ²	
Isaac Albow Building	388 R/m ²	
Neville Alexander Building	53 R/m ²	
Beattie Block	40 R/m ²	
Monthly "Night" Time Ener	gy Usage	
Bremner Building	98%	
Geological Ext. Science Building	91%	
Cottage & Glenara	55%	
Rachel Bloch House	44%	
Change in Month-on-Mont	h Energy	
Geological Ext. Science Building	42%	
Rachel Bloch House	30%	
Neville Alexander Building	-3%	
Educare and Extension	-54%	
Maximum Demand		
Student Union Ext. and Otto Beit	521 kVA	
Geological Ext. Science Building	I76 kVA	
Educare and Extension	4 kVA	
Isaac Albow Building	2 kVA	
Change in Month-on-Month Maximum Demand		
Bremner Building	68%	
Burnage	51%	
Educare and Extension	-35%	
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LECTURE VENUE

Monthly Electricity	Cost
Molecular	R 317 22
PD Hahn	R 264 40
School Of Ballet	R 2 59
Lovers Walk Houses	R 17
Monthly Energy U	sage
Molecular	316 261 kW
PD Hahn	253 445 kW
Mechanical Engineering	I 478 kW
Lovers Walk Houses	94 kW
Monthly Energy Usage per	Square Meter
SLC and Upalong	46 kWh/m
Computer Science	29 kWh/m
School Of Ballet	l kWh/m
Mechanical Engineering	0 kWh/m
Monthly Cost per Squa	ire Meter
SLC and Upalong	854 R/m
New PC Lab and Beattie Building	507 R/m
Mechanical Engineering	19 R/m
Leslie Social	15 R/m
Monthly "Night" Time Er	nergy Usage
School Of Ballet	3 9
Lovers Walk Houses	1229
Mechanical Engineering	405
School Of Music	359
Change in Month-on-Mo	nth Energy
New Lecture Theatre	505
Mechanical Engineering	285
School Of Ballet	15
Lovers Walk Houses	-72%
Maximum Dema	
Molecular	614 kV/
PD Hahn	561 kV
	9 kV
Lovers Walk Houses	1 kV/
Change in Month-on-Month Ma	
AC Jordan Building I	
Maths Block	267
	= .,
New Snape	-16%

RESIDENCE		
Monthly Electricity Cost		
Kopano Residence	R 75 870	
Leo Marquard Hall	R 73 619	
Baxter Hall	R 19 207	
All Africa House	R 15 531	
Monthly Energy Usage		
Oppenheimer	65 335 kWh	
Kopano Residence	64 548 kWh	
Baxter Hall	15 913 kWh	
All Africa House	12 485 kWh	
Monthly Energy Usage per Square Meter		
Oppenheimer	9 kWh/m²	
Kopano Residence	7 kWh/m²	
Smuts Hall	2 kWh/m²	
Baxter Hall	2 kWh/m²	
Monthly Cost per Square Meter		
All Africa House	62 R/m ²	
Fuller Hall	62 R/m ²	
Smuts Hall	32 R/m²	
Graca Machel	17 R/m²	
Monthly "Night" Time Energy Usage		
Baxter Hall	105%	
Smuts Hall	104%	
Oppenheimer	77%	
Kopano Residence	76%	
Change in Month-on-Month Energy		
Tugwell Hall	36%	
Baxter Hall	31%	
Oppenheimer	4%	
Smuts Hall	-5%	
Maximum Demand		
Leo Marquard Hall	205 kVA	
Kopano Residence	198 kVA	
Smuts Hall	57 kVA	
All Africa House	46 kVA	
Change in Month-on-Month Maximum Demand		
Leo Marquard Hall	57%	
Fuller Hall	-56%	
Smuts Hall	-4%	
Graca Machel	-17%	

Highest

Lowest