## April 2018 UCT Comparative Energy Statistics

Highest
Lowest

OFFICE				
Monthly Electricity Cost				
Student Union Ext. and Otto Beit	R 163 370			
Geological Ext. Science Building	R 54 632			
Isaac Albow Building	R I 151			
Rachel Bloch House	R 219			
Monthly Energy Usa	ge			
Student Union Ext. and Otto Beit	157 657kWh			
Geological Ext. Science Building	61 633 kWh			
Isaac Albow Building	789 kWh			
Rachel Bloch House	59 kWh			
Monthly Energy Usage per Sq	uare Meter			
Geological Ext. Science Building	57 kWh/m²			
Student Union Ext. and Otto Beit	21 kWh/m²			
Isaac Albow Building	I kWh/m²			
Rachel Bloch House	0 kWh/m²			
Monthly Cost per Square	Meter			
Burnage	521 R/m <sup>2</sup>			
Isaac Albow Building	338 R/m <sup>2</sup>			
Neville Alexander Building	46 R/m <sup>2</sup>			
Beattie Block	35 R/m <sup>2</sup>			
Monthly "Night" Time Ener	gy Usage			
Geological Ext. Science Building	104%			
Bremner Building	99%			
Educare and Extension Building	37%			
Rachel Bloch House	7%			
Change in Month-on-Month				
Rachel Bloch House	117%			
Bremner Building	14%			
Student Union Ext. and Otto Beit	-6%			
Neville Alexander Building	-7%			
Maximum Demand				
Student Union Ext. and Otto Beit	506 kVA			
Geological Ext. Science Building	I47 kVA			
Isaac Albow Building	6 kVA			
Rachel Bloch House	2 kVA			
Change in Month-on-Month Maxi				
Isaac Albow Building	68%			
Welgelegen	54%			
Harry Oppenheimer Institute	-15%			
Beattie Block	-18%			

LECTURE VENI	JE
Monthly Electricity	Cost
Molecular	R 272 55
PD Hahn	R 242 67
Mechanical Engineering	R 2 03
Lovers Walk Houses	R 45
Monthly Energy U	sage
Molecular	310 175 kW
PD Hahn	273 325 kW
Mechanical Engineering	I 594 kW
Lovers Walk Houses	110 kW
Monthly Energy Usage per	Square Meter
SLC and Upalong	55 kWh/m
Computer Science	27 kWh/m
Geological Science Building	I kWh/m
Mechanical Engineering	0 kWh/m
Monthly Cost per Squa	re Meter
SLC and Upalong	756 R/m
New PC Lab and Beattie Building	438 R/m
Mechanical Engineering	17 R/m
Leslie Social Sciences	13 R/m
Monthly "Night" Time Er	nergy Usage
Computer Science	909
Molecular	889
School Of Music	489
Mechanical Engineering	429
Change in Month-on-Mo	nth Energy
New PC Lab and Beattie Building	89
School Of Ballet	69
Lovers Walk Houses	-639
AC Jordan Building 2	-1009
Maximum Dema	and
Molecular	623 kV
PD Hahn	606 kV
Mechanical Engineering	9 kV
Lovers Walk Houses	4 kV
Change in Month-on-Month Ma	aximum Demand
Lovers Walk Houses	124
School Of Ballet	589
Hoerikwaggo	-28
Mechanical Engineering	-529

RESIDENCE			
Monthly Electricity C	ost		
Tugwell Hall	R 100 974		
Leo Marquard Hall	R 96 101		
Baxter Hall	R 29 296		
All Africa House	R 18 869		
Monthly Energy Usa	ge		
Tugwell Hall	106 877 kWh		
Leo Marquard Hall	101 106 kWh		
Baxter Hall	28 853 kWh		
All Africa House	17 533 kWh		
Monthly Energy Usage per Sq	uare Meter		
Fuller Hall	13 kWh/m²		
Tugwell Hall	12 kWh/m²		
Graca Machal Residence	4 kWh/m²		
Baxter Hall	4 kWh/m²		
Monthly Cost per Square	Meter		
Fuller Hall	61 R/m <sup>2</sup>		
All Africa House	55 R/m <sup>2</sup>		
Smuts Hall	30 R/m <sup>2</sup>		
Graca Machal Residence	I6 R/m²		
Monthly "Night" Time Ener	rgy Usage		
Baxter Hall	132%		
Smuts Hall	98%		
Leo Marquard Hall	78%		
Oppenheimer Housing and Woolsack	66%		
Change in Month-on-Mont	h Energy		
Baxter Hall	20%		
Smuts Hall	16%		
Leo Marquard Hall	0%		
Oppenheimer Housing and Woolsack	-3%		
Maximum Demand	d		
Tugwell Hall	288 kVA		
Leo Marquard Hall	269 kVA		
Baxter Hall	I04 kVA		
All Africa House	69 kVA		
Change in Month-on-Month Max	imum Demand		
Baxter Hall	32%		
Graca Machal Residence	32%		
Leo Marquard Hall	2%		
All Africa House	-4%		