

January 2020 UCT Comparative Energy Statistics

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|---------|
| Highest |
| Lowest |

| OFFICE | |
|--|-----------------------|
| Monthly Electricity Cost | |
| Student Union Ext. and Otto Beit | R 272 169 |
| Geological Ext. Science Building | R 80 408 |
| Educare and Extension | R 1 650 |
| Isaac Albow Building | R 786 |
| Monthly Energy Usage | |
| Student Union Ext. and Otto Beit | 204 784 kWh |
| Geological Ext. Science Building | 57 156 kWh |
| Educare and Extension | 1 116 kWh |
| Isaac Albow Building | 506 kWh |
| Monthly Energy Usage per Square Meter | |
| Geological Ext. Science Building | 53 kWh/m ² |
| Student Union Ext. and Otto Beit | 28 kWh/m ² |
| Educare and Extension | 2 kWh/m ² |
| Isaac Albow Building | 1 kWh/m ² |
| Monthly Cost per Square Meter | |
| Burnage | 612 R/m ² |
| Isaac Albow Building | 402 R/m ² |
| Neville Alexand | 55 R/m ² |
| Beattie Block | 43 R/m ² |
| Monthly "Night" Time Energy Usage | |
| Geological Ext Science | 86% |
| Neville Alexander Building | 77% |
| Cottage & Glenara | 55% |
| Old Administration | 45% |
| Change in Month-on-Month Energy | |
| Maintenance building | 40% |
| Student Union Extens | 30% |
| Rachel Bloch House | -100% |
| Harry Oppenheimer | -100% |
| Maximum Demand | |
| Student Union Ext. and Otto Beit | 591 kVA |
| Geological Ext. Science Building | 205 kVA |
| Educare and Extension | 5 kVA |
| Isaac Albow Building | 2 kVA |
| Change in Month-on-Month Maximum Demand | |
| Beattie Block | 46% |
| Neville Alexander Building | 30% |
| Isaac Albow Building | -48% |
| Burnage | -66% |

| LECTURE VENUE | |
|--|-----------------------|
| Monthly Electricity Cost | |
| Molecular | R 357 891 |
| PD Hahn | R 333 213 |
| School Of Ballet | R 1 024 |
| Lovers Walk Houses | R 391 |
| Monthly Energy Usage | |
| PD Hahn | 290 484 kWh |
| Molecular | 277 937 kWh |
| SLC and Upalong | 714 kWh |
| Lovers Walk Houses | 195 kWh |
| Monthly Energy Usage per Square Meter | |
| Computer Science | 25 kWh/m ² |
| New PC Lab and Beattie | 23 kWh/m ² |
| School Of Ballet | 0 kWh/m ² |
| Mechanical Engineering | 0 kWh/m ² |
| Monthly Cost per Square Meter | |
| SLC and Upalong | 813 R/m ² |
| New PC Lab and Beattie Building | 526 R/m ² |
| Leslie Social Science | 17 R/m ² |
| Zoology | 15 R/m ² |
| Monthly "Night" Time Energy Usage | |
| School Of Ballet | 133% |
| Computer Science | 91% |
| School Of Music | 39% |
| Mechanical Engineering | 38% |
| Change in Month-on-Month Energy | |
| Leslie Social Sciences | 117% |
| New Lecture Theatre | 39% |
| SLC and Upalong | -79% |
| Robert Leslie | -100% |
| Maximum Demand | |
| Molecular | 631 kVA |
| PD Hahn | 587 kVA |
| School Of Ballet | 3 kVA |
| Lovers Walk Houses | 1 kVA |
| Change in Month-on-Month Maximum Demand | |
| Mechanical Engineering | 143% |
| Leslie Social Sciences | 52% |
| New Science Lecture | -34% |
| SLC and Upalong | -93% |

| RESIDENCE | |
|--|-----------------------|
| Monthly Electricity Cost | |
| Leo Marquard Hall | R 75 424 |
| Graca Machel Res | R 67 205 |
| Baxter Hall | R 24 993 |
| All Africa House | R 15 869 |
| Monthly Energy Usage | |
| Leo Marquard Hall | 51 048 kWh |
| Graca Machel Res | 50 374 kWh |
| Baxter Hall | 16 923 kWh |
| All Africa House | 11 183 kWh |
| Monthly Energy Usage per Square Meter | |
| Fuller Hall | 10 kWh/m ² |
| Leo Marquard Hall | 6 kWh/m ² |
| All Africa House | 3 kWh/m ² |
| Baxter Hall | 2 kWh/m ² |
| Monthly Cost per Square Meter | |
| Fuller Hall | 72 R/m ² |
| All Africa House | 65 R/m ² |
| Smuts Hall | 34 R/m ² |
| Graca Machel Res | 18 R/m ² |
| Monthly "Night" Time Energy Usage | |
| Baxter Hall | 105% |
| Smuts Hall | 102% |
| Graca Machel Res | 87% |
| Fuller Hall | 78% |
| Change in Month-on-Month Energy | |
| Fuller Hall | 115% |
| Graca Machel Res | 54% |
| Tugwell Hall | -100% |
| Baxter Hall | -41% |
| Maximum Demand | |
| Leo Marquard Hall | 207 kVA |
| Kopano Residence | 117 kVA |
| Baxter Hall | 70 kVA |
| All Africa House | 40 kVA |
| Change in Month-on-Month Maximum Demand | |
| Kopano Residence | 214% |
| Fuller Hall | 88% |
| All Africa House | -6% |
| Baxter Hall | -29% |