

March 2020 UCT Comparative Energy Statistics

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

| OFFICE | |
|--|-----------------------|
| Monthly Electricity Cost | |
| Student Union Ext. and Otto Beit | R 227 398 |
| Geological Ext Science | R 65 735 |
| Educare and Extension | R 1 882 |
| Isaac Albow Building | R 1 116 |
| Monthly Energy Usage | |
| Student Union Ext. and Otto Beit | 160 862 kWh |
| Geological Ext Science | 47 037 kWh |
| Educare and Extension | 999 kWh |
| Isaac Albow Building | 560 kWh |
| Monthly Energy Usage per Square Meter | |
| Geological Ext. Science Building | 43 kWh/m ² |
| Student Union Ext. and Otto Beit | 22 kWh/m ² |
| Educare and Extension | 2 kWh/m ² |
| Isaac Albow Building | 1 kWh/m ² |
| Monthly Cost per Square Meter | |
| Burnage | 613 R/m ² |
| Isaac Albow Building | 403 R/m ² |
| Neville Alexand | 55 R/m ² |
| Beattie Block | 42 R/m ² |
| Monthly "Night" Time Energy Usage | |
| Geological Ext Science | 96% |
| Welgelegen | 88% |
| Old Administration | 50% |
| Educare and Extension | 49% |
| Change in Month-on-Month Energy | |
| Burnage | 14% |
| Welgelegen | -1% |
| Educare and Extension | -22% |
| Bremner Building | -70% |
| Maximum Demand | |
| Student Union Ext. and Otto Beit | 563 kVA |
| Geological Ext. Science Building | 175 kVA |
| Educare and Extension | 7 kVA |
| Isaac Albow Building | 4 kVA |
| Change in Month-on-Month Maximum Demand | |
| Welgelegen | 48% |
| Cottage & Glenara | 17% |
| Neville Alexander Building | -24% |
| Beattie Block | -27% |

| LECTURE VENUE | |
|--|-----------------------|
| Monthly Electricity Cost | |
| Molecular | R 326 706 |
| PD Hahn | R 305 234 |
| School Of Ballet | R 1 610 |
| SLC and Upalong | R 1 525 |
| Monthly Energy Usage | |
| Molecular | 250 981 kWh |
| PD Hahn | 242 359 kWh |
| School Of Ballet | 1 063 kWh |
| Mechanical Engineering | 872 kWh |
| Monthly Energy Usage per Square Meter | |
| SLC and Upalong | 24 kWh/m ² |
| New PC Lab and Beattie | 21 kWh/m ² |
| School Of Ballet | 1 kWh/m ² |
| Mechanical Engineering | 0 kWh/m ² |
| Monthly Cost per Square Meter | |
| SLC and Upalong | 833 R/m ² |
| New PC Lab and Beattie Building | 524 R/m ² |
| Mechanical Engineering | 20 R/m ² |
| Leslie Social Science | 17 R/m ² |
| Monthly "Night" Time Energy Usage | |
| School Of Ballet | 107% |
| Lovers Walk Houses | 100% |
| Mechanical Engineering | 51% |
| School Of Music | 45% |
| Change in Month-on-Month Energy | |
| Lovers Walk Houses | 765% |
| New PC Lab and Beattie Building | 23% |
| School Of Ballet | -26% |
| Computer Science | -56% |
| Maximum Demand | |
| Molecular | 683 kVA |
| PD Hahn | 643 kVA |
| SLC and Upalong | 4 kVA |
| Lovers Walk Houses | 4 kVA |
| Change in Month-on-Month Maximum Demand | |
| Lovers Walk Houses | 259% |
| New Snape | 9% |
| Electrical and Mechanic | -35% |
| Leslie Social Sciences | -51% |

| RESIDENCE | |
|--|----------------------|
| Monthly Electricity Cost | |
| Leo Marquard Hall | R 109 770 |
| Kopano Residence | R 84 253 |
| Oppenheimer House | R 29 965 |
| All Africa House | R 14 930 |
| Monthly Energy Usage | |
| Leo Marquard Hall | 77 815 kWh |
| Kopano Residence | 57 674 kWh |
| Oppenheimer House | 21 670 kWh |
| All Africa House | 10 180 kWh |
| Monthly Energy Usage per Square Meter | |
| Fuller Hall | 9 kWh/m ² |
| Leo Marquard Hall | 9 kWh/m ² |
| Graca Machel | 3 kWh/m ² |
| All Africa House | 2 kWh/m ² |
| Monthly Cost per Square Meter | |
| Fuller Hall | 70 R/m ² |
| All Africa House | 64 R/m ² |
| Smuts Hall | 36 R/m ² |
| Graca Machel Res | 18 R/m ² |
| Monthly "Night" Time Energy Usage | |
| Baxter Hall | 112% |
| Smuts Hall | 105% |
| Kopano Residence | 82% |
| Leo Marquard Hall | 78% |
| Change in Month-on-Month Energy | |
| All Africa House | -2% |
| Kopano Residence | -5% |
| Fuller Hall | -15% |
| Oppenheimer House | -83% |
| Maximum Demand | |
| Leo Marquard Hall | 280 kVA |
| Kopano Residence | 228 kVA |
| Oppenheimer House | 76 kVA |
| All Africa House | 41 kVA |
| Change in Month-on-Month Maximum Demand | |
| Oppenheimer House | 34% |
| Graca Machel | 18% |
| All Africa House | -3% |
| Smuts Hall | -7% |