## October 2018 UCT Comparative Energy Statistics

| Monthly Electricity Coordination of the second seco | OFFICE<br>Monthly Electricity Cost    |                       |
|--|---------------------------------------|-----------------------|
| Geological Ext. Science BuildingR 67 394Educare and ExtensionR 2 464Isaac Albow BuildingR 1 643 <b>Monthly Energy Usaue</b> Student Union Ext. and Otto Beit200 909 kW/hGeological Ext. Science Building59 417 kW/hEducare and Extension1 508 kW/hIsaac Albow Building1 164 kW/hMonthly Energy Usage per Sure MeterGeological Ext. Science Building55 kWh/m²Student Union Ext. and Otto Beit27 kW/hm²Educare and Extension2 kW/hm²Educare and Extension2 kW/hm²Burnage602 R/m²Isaac Albow Building389 R/m²Nernage602 R/m²Isaac Albow Building389 R/m²Burnage602 R/m²Isaac Albow Building389 R/m²Neville Alexander Building51 kWh/m²Beatrie Block411 R/m²Monthly 'Night'' Time Energy99%Bremner Building95%Cottage & Glenara45%Educare and Extension37%Change in Month-on-Month18%Educare and Extension18%Harry Oppenheimer36%Isaac Albow Building54%Achel Bloch House10 k/AEducare and Extension18%Kachel Bloch House10 k/AEducare and Extension66 k/AMathy Depenheimer10 k/AEducare and Extension66 k/AAchel Bloch House10 k/AEducare and Extension6 k/ARachel Bloch House60%   |                                       |                       |
| Educare and ExtensionR 2 464Isaac Albow BuildingR 1 643Monthly Energy UsageStudent Union Ext. and Otto Beit200 909 kWhGeological Ext. Science Building59 417 kWhEducare and Extension1 508 kWhIsaac Albow Building1 164 kWhMonthly Energy Usage per Square MeterGeological Ext. Science Building55 kWh/m²Student Union Ext. and Otto Beit27 kWh/m²Educare and Extension2 kWh/m²Educare and Extension2 kWh/m²Isaac Albow Building2 kWh/m²Burnage602 R/m²Burnage602 R/m²Saac Albow Building389 R/m²Neville Alexander Building55 R/m²Beattie Block411 Rm²Monthly 'Night'' Time Energy Usage99%Geological Ext. Science Building99%Bremner Building95%Cottage & Glenara45%Educare and Extension18%Educare and Extension18%Educare and Extension18%Burnage602 R/m²Student Union Ext. and Otto Beit124%Educare and Extension18%Harry Oppenheimer-36%Isaac Albow Building54%Achel Bloch House10 k/AEducare and Extension6 kVAChange in Month-on-Month Maxi-10 k/AEducare and Extension6 k/ARachel Bloch House10 k/AEducare and Extension6 k/ARachel Bloch House60%Educare and Extension6 k/A   | Student Union Ext. and Otto Beit      | R 218 543             |
| Isaac Albow BuildingR I 643Monthly Energy UsageStudent Union Ext. and Otto Beit200 909 kWhGeological Ext. Science Building59 417 kWhEducare and Extension1 508 kWhIsaac Albow Building1 164 kWhMonthly Energy Usage per SumeMeterGeological Ext. Science Building55 kWh/m²Student Union Ext. and Otto Beit27 kWh/m²Educare and Extension2 kWh/m²Isaac Albow Building2 kWh/m²Burnage602 R/m²Isaac Albow Building389 R/m²Isaac Albow Building389 R/m²Isaac Albow Building55 R/m²Burnage602 R/m²Isaac Albow Building389 R/m²Neville Alexander Building55 R/m²Beattie Block41 R/m²Monthly "Night" Time Energy99%Bremner Building95%Cottage & Glenara45%Educare and Extension37%Change in Month-on-Month18%Harry Oppenheimer36%Isaac Albow Building54%Geological Ext. Science Building95%Cottage & Glenara18%Harry Oppenheimer36%Isaac Albow Building54%Achel Bloch House10 k/AGeological Ext. Science Building186 k/ARachel Bloch House10 k/AGeological Ext. Science Building186 k/ARachel Bloch House10 k/AGeological Ext. Science Building186 k/ARachel Bloch House10 k/A<   | Geological Ext. Science Building      | R 67 394              |
| Monthly Energy Usage      Student Union Ext. and Otto Beit    200 909 kWh      Geological Ext. Science Building    59 417 kWh      Educare and Extension    1 508 kWh      Isaac Albow Building    1 164 kWh      Monthly Energy Usage per Square Meter    200 909 kWh/m²      Geological Ext. Science Building    55 kWh/m²      Student Union Ext. and Otto Beit    27 kWh/m²      Educare and Extension    2 kWh/m²      Burnage    602 R/m²      Isaac Albow Building    2 kWh/m²      Burnage    602 R/m²      Isaac Albow Building    389 R/m²      Neville Alexander Building    55 R/m²      Beattie Block    41 R/m²      Monthly "Night" Time Energy Usage    602 R/m²      Geological Ext. Science Building    99%      Bremner Building    95%      Cottage & Glenara    45%      Educare and Extension    37%      Change in Month-on-Mont Energy    124%      Bucare and Extension    18%      Harry Oppenheimer    36%      Isaac Albow Building    54%      Marthy Dopenheimer    10 kWA      Geological Ext. Science Buil   | Educare and Extension                 | R 2 464               |
| Student Union Ext. and Otto Beit200 909 kWhGeological Ext. Science Building59 417 kWhEducare and Extension1 508 kWhIsaac Albow Building1 164 kWhMonthly Energy Usage per Square MeterGeological Ext. Science Building55 kWh/m²Student Union Ext. and Otto Beit27 kWh/m²Educare and Extension2 kWh/m²Isaac Albow Building2 kWh/m²Burnage602 R/m²Isaac Albow Building389 R/m²Isaac Albow Building55 k/m²Burnage602 R/m²Isaac Albow Building389 R/m²Neville Alexander Building55 R/m²Beattie Block411 R/m²Monthly ''Night'' Time Energy Usage600Geological Ext. Science Building99%Bremner Building95%Cottage & Glenara45%Educare and Extension37%Change in Month-on-Month Energy36%Isaac Albow Building-54%Marry Oppenheimer-36%Isaac Albow Building-54%Marry Oppenheimer10 kVAGeological Ext. Science Building10 kVAGeological Ext. Science Building10 kVAGeological Ext. Science Building10 kVAGucare and Extension68 kVAMaximum Demand10 kVAGucare and Extension6 kVAMaximum Demand6 kVAChange in Month-on-Month Maximum DemandRachel Bloch House60%Educare and Extension6 kVAChange in Month-on-Month Maximum Dema   | Isaac Albow Building                  | R I 643               |
| Geological Ext. Science Building59 417 kWhEducare and Extension1 508 kWhIsaac Albow Building1 164 kWhMonthly Energy Usage per Sume MeterGeological Ext. Science Building55 kWh/m²Student Union Ext. and Otto Beit27 kWh/m²Isaac Albow Building2 kWh/m²Burnage602 R/m²Isaac Albow Building389 R/m²Burnage602 R/m²Isaac Albow Building389 R/m²Student Union Ext. Science Building55 R/m²Beattie Block41 R/m²Monthly 'Night'' Time Energy99%Bremner Building99%Bremner Building99%Bremner Building95%Cottage & Glenara45%Educare and Extension37%Change in Month-on-Month18%Harry Oppenheimer36%Isaac Albow Building54%Maximun Demand18%Harry Oppenheimer10 kVAGeological Ext. Science Building54%Maximun Demand10 kVAGeological Ext. Science Building10 kVAEducare and Extension18%Harry Oppenheimer36%Isaac Albow Building54%Machel Bloch House10 kVAEducare and Extension6 kVAChange in Month-on-Month Maximun DemandRachel Bloch House80%Educare and Extension6 kVAChange in Month-on-Month Maximun DemandRachel Bloch House80%Educare and Extension6 kVAChange in Mon  | Monthly Energy Usage                  |                       |
| Educare and Extension    I 508 kWh      Isaac Albow Building    I 164 kWh      Monthly Energy Usage per Square Meter      Geological Ext. Science Building    S5 kWh/m²      Student Union Ext. and Otto Beit    27 kWh/m²      Isaac Albow Building    2 kWh/m²      Burnage    602 R/m²      Isaac Albow Building    2 kWh/m²      Burnage    602 R/m²      Isaac Albow Building    389 R/m²      Isaac Albow Building    389 R/m²      Staac Albow Building    389 R/m²      Isaac Albow Building    55 R/m²      Beattie Block    41 R/m²      Monthly "Night" Time Energy Usage    602 R/m²      Geological Ext. Science Building    99%      Bremner Building    95%      Cottage & Glenara    45%      Educare and Extension    37%      Change in Month-on-Month Energy    74%      Rachel Bloch House    10 k%      Isaac Albow Building    -54%      Marry Oppenheimer    10 k%      Student Union Ext. and Otto Beit    473 kVA      Geological Ext. Science Building    10 k/A      Educare and Extension    6 k/A   | Student Union Ext. and Otto Beit      | 200 909 kWh           |
| Isaac Albow BuildingI 164 kWhMonthly Energy Usage per Square MeterGeological Ext. Science Building55 kWh/m²Student Union Ext. and Otto Beit21 kWh/m²Educare and Extension2 kWh/m²Isaac Albow Building2 kWh/m²Burnage602 R/m²Isaac Albow Building389 R/m²Isaac Albow Building389 R/m²Isaac Albow Building55 R/m²Burnage602 R/m²Isaac Albow Building389 R/m²Isaac Albow Building55 R/m²Beattie Block41 R/m²Monthly 'Night'' Time Energy99%Bremner Building99%Bremner Building99%Bremner Building95%Cottage & Glenara45%Educare and Extension37%Change in Month-on-Month TenergyRachel Bloch House124%Educare and Extension18%Harry Oppenheimer-36%Isaac Albow Building-54%Cudeare and Extension18 kVAGeological Ext. Science Building18 kVAGeological Ext. Science Building18 kVAGeological Ext. Science Building18 kVAGeological Ext. Science Building10 kVAEducare and Extension6 kVAChange in Month-on-Month Maximum DemandRachel Bloch House60%Educare and Extension6 kVAChange in Month-on-Month Maximum DemandRachel Bloch House80%Educare and Extension6 kVAChange in Month-on-Month Maximum Demand <td>Geological Ext. Science Building</td> <td>59 417 kWh</td>   | Geological Ext. Science Building      | 59 417 kWh            |
| Monthly Energy Usage per Square MeterGeological Ext. Science BuildingS5 kVVh/m²Student Union Ext. and Otto Beit27 kVVh/m²Educare and Extension2 kVVh/m²Isaac Albow Building2 kVVh/m²Burnage602 R/m²Saac Albow Building389 R/m²Isaac Albow Building389 R/m²Isaac Albow Building55 R/m²Burnage602 R/m²Isaac Albow Building389 R/m²Saac Albow Building55 R/m²Beattie Block41 R/m²Monthly "Night" Time EnergyUsageGeological Ext. Science Building99%Bremner Building95%Cottage & Glenara45%Educare and Extension37%Change in Month-on-Montt18%Harry Oppenheimer-36%Isaac Albow Building-54%Geological Ext. Science Building18%Harry Oppenheimer10 kVAGeological Ext. Science Building186 kVARachel Bloch House10 kVAGeological Ext. Science Building186 kVARachel Bloch House10 kVAEducare and Extension6 kVAMather Demand6 kVARachel Bloch House80%Educare and Extension6 kVAChange in Month-on-Month Maximum DemandRachel Bloch House80%Educare and Extension39%Harry Oppenheimer39%Harry Oppenheimer39%Studeare and Extension6 kVAChange in Month-on-Month Maximum Demand <t< td=""><td>Educare and Extension</td><td>I 508 kWh</td></t<>  | Educare and Extension                 | I 508 kWh             |
| Geological Ext. Science Building55 kWh/maStudent Union Ext. and Otto Beit27 kWh/maEducare and Extension2 kWh/maIsaac Albow Building2 kWh/maMonthly Cost per Square MeterBurnage602 R/maIsaac Albow Building389 R/maIsaac Albow Building389 R/maIsaac Albow Building55 R/maBeattie Block411 R/maMonthly 'Night'' Time Energy UsageGeological Ext. Science Building99%Bremner Building95%Cottage & Glenara45%Educare and Extension37%Change in Month-on-Month EnergyRachel Bloch House124%Educare and Extension18%Harry Oppenheimer-36%Isaac Albow Building54%Maximum Demand18 kVAGeological Ext. Science Building18 kVARachel Bloch House10 kVAEducare and Extension18%Harry Oppenheimer-36%Isaac Albow Building-54%Maximum Demand10 kVAGeological Ext. Science Building18 kVARachel Bloch House10 kVAEducare and Extension6 kVAChange in Month-on-Month Maximum DemandRachel Bloch House80%Educare and Extension6 kVAChange in Month-on-Month Maximum DemandRachel Bloch House80%Educare and Extension39%Harry Oppenheimer-34%   | Isaac Albow Building                  | I 164 kWh             |
| Geological Ext. Science Building55 kWh/maStudent Union Ext. and Otto Beit27 kWh/maEducare and Extension2 kWh/maIsaac Albow Building2 kWh/maMonthly Cost per Square MeterBurnage602 R/maIsaac Albow Building389 R/maIsaac Albow Building389 R/maIsaac Albow Building55 R/maBeattie Block411 R/maMonthly 'Night'' Time Energy UsageGeological Ext. Science Building99%Bremner Building95%Cottage & Glenara45%Educare and Extension37%Change in Month-on-Month EnergyRachel Bloch House124%Educare and Extension18%Harry Oppenheimer-36%Isaac Albow Building54%Maximum Demand18 kVAGeological Ext. Science Building18 kVARachel Bloch House10 kVAEducare and Extension18%Harry Oppenheimer-36%Isaac Albow Building-54%Maximum Demand10 kVAGeological Ext. Science Building18 kVARachel Bloch House10 kVAEducare and Extension6 kVAChange in Month-on-Month Maximum DemandRachel Bloch House80%Educare and Extension6 kVAChange in Month-on-Month Maximum DemandRachel Bloch House80%Educare and Extension39%Harry Oppenheimer-34%   | Monthly Energy Usage per Square Meter |                       |
| Educare and Extension2 kVWh/m²Isaac Albow Building2 kVWh/m²Burnage602 R/m²Burnage602 R/m²Isaac Albow Building389 R/m²Isaac Albow Building389 R/m²Isaac Albow Building55 R/m²Beattie Block41 R/m²Monthly "Night" Time EnergyUsageGeological Ext. Science Building99%Bremner Building95%Cottage & Glenara45%Educare and Extension37%Change in Month-on-MontEnergyRachel Bloch House124%Educare and Extension38%Harry Oppenheimer-36%Isaac Albow Building-54%Cudent Union Ext. and Otto Beit473 kVAGeological Ext. Science Building186 kVARachel Bloch House10 kVAEducare and Extension6 kVAMaximum Demand10 kVAEducare and Extension6 kVARachel Bloch House80%Educare and Extension6 kVAChange in Month-on-Month Maximum DemandRachel Bloch House80%Educare and Extension6 kVAChange in Month-on-Month Maximum DemandRachel Bloch House80%Educare and Extension6 kVAChange in Month-on-Month Maximum DemandRachel Bloch House80%Educare and Extension33%Harry Oppenheimer-34%  |                                       |                       |
| Isaac Albow Building    2 kWh/m²      Burnage    602 R/m²      Burnage    602 R/m²      Isaac Albow Building    389 R/m²      Isaac Albow Building    389 R/m²      Neville Alexander Building    55 R/m²      Beattie Block    41 R/m²      Monthly "Night" Time Energy Usage    600 logical Ext. Science Building      Geological Ext. Science Building    99%      Bremner Building    95%      Cottage & Glenara    45%      Educare and Extension    37%      Change in Month-on-Montt    124%      Educare and Extension    18%      Harry Oppenheimer    -36%      Isaac Albow Building    -54%      Maximum Demand    10 kVA      Geological Ext. Science Building    18 kVA      Rachel Bloch House    10 kVA      Educare and Extension    6 kVA      Change in Month-on-Month Maxium Demand    10 kVA      Educare  | Student Union Ext. and Otto Beit      | 27 kWh/m <sup>2</sup> |
| Monthly Cost per Square      Meter        Burnage      602 R/m²        Burnage      602 R/m²        Isaac Albow Building      389 R/m²        Neville Alexander Building      55 R/m²        Beattie Block      41 R/m²        Monthly "Night" Time Energy Usage      600 logical Ext. Science Building        Geological Ext. Science Building      99%        Bremner Building      95%        Cottage & Glenara      45%        Educare and Extension      37%        Change in Month-on-Montt Energy      124%        Educare and Extension      18%        Harry Oppenheimer      -36%        Isaac Albow Building      -54%        Maximum Demand      10 k/A        Geological Ext. Science Building      18 k/A        Rachel Bloch House      10 k/A        Educare and Extension      6 k/A        Change in Month-on-Month Maxium Demand      60%        Educare and Extension      80%        Educare a  | Educare and Extension                 | 2 kWh/m <sup>2</sup>  |
| Burnage  602 R/m²    Isaac Albow Building  389 R/m²    Isaac Albow Building  358 R/m²    Neville Alexander Building  55 R/m²    Beattie Block  41 R/m²    Monthly "Night" Time Energy Usage  99%    Geological Ext. Science Building  99%    Bremner Building  95%    Cottage & Glenara  45%    Educare and Extension  37%    Change in Month-on-Month Energy  124%    Educare and Extension  18%    Harry Oppenheimer  -36%    Isaac Albow Building  -54%    Maximum Demand  10 k/A    Student Union Ext. and Otto Beit  473 k/A    Geological Ext. Science Building  10 k/A    Educare and Extension  6 k/A    Maximum Demand  10 k/A    Educare and Extension  6 k/A    Machel Bloch House  10 k/A    Educare and Extension  6 k/A    Change in Month-on-Month Maximum Demand  80%    Educare and Extension  80%    Educare and Extension  39%    Harry Oppenheimer  -34%   | Isaac Albow Building                  | 2 kWh/m <sup>2</sup>  |
| Burnage  602 R/m²    Isaac Albow Building  389 R/m²    Isaac Albow Building  358 R/m²    Neville Alexander Building  55 R/m²    Beattie Block  41 R/m²    Monthly "Night" Time Energy Usage  99%    Geological Ext. Science Building  99%    Bremner Building  95%    Cottage & Glenara  45%    Educare and Extension  37%    Change in Month-on-Month Energy  124%    Educare and Extension  18%    Harry Oppenheimer  -36%    Isaac Albow Building  -54%    Maximum Demand  10 k/A    Student Union Ext. and Otto Beit  473 k/A    Geological Ext. Science Building  10 k/A    Educare and Extension  6 k/A    Maximum Demand  10 k/A    Educare and Extension  6 k/A    Machel Bloch House  10 k/A    Educare and Extension  6 k/A    Change in Month-on-Month Maximum Demand  80%    Educare and Extension  80%    Educare and Extension  39%    Harry Oppenheimer  -34%   |                                       |                       |
| Neville Alexander Building  Storm    Beattie Block  441 R/m <sup>2</sup> Monthly "Night" Time Energy Usage    Geological Ext. Science Building  99%    Bremner Building  95%    Cottage & Glenara  45%    Educare and Extension  37%    Change in Month-on-Month Energy  124%    Educare and Extension  18%    Harry Oppenheimer  -36%    Isaac Albow Building  -54%    Cological Ext. Science Building  186 kVA    Geological Ext. Science Building  186 kVA    Geological Ext. Science Building  186 kVA    Geological Ext. Science Building  186 kVA    Rachel Bloch House  10 kVA    Educare and Extension  6 kVA    Maximum Demand  6 kVA    Rachel Bloch House  80%    Educare and Extension  6 kVA    Machel Bloch House  80%    Educare and Extension  39%    Harry Oppenheimer  -34%  |                                       |                       |
| Neville Alexander Building55 R/m²Beattie Block41 R/m²Monthly "Night" Time Energy UsageGeological Ext. Science Building99%Bremner Building95%Cottage & Glenara45%Educare and Extension37%Change in Month-on-Month EnergyRachel Bloch House124%Educare and Extension18%Harry Oppenheimer-36%Isaac Albow Building-54%Maximum Demand186 kVAGeological Ext. Science Building186 kVARachel Bloch House10 kVAEducare and Extension6 kVAMaximum Demand6 kVARachel Bloch House10 kVAEducare and Extension6 kVAMachel Bloch House10 kVAEducare and Extension6 kVAChange in Month-on-Month Maximum Demand39%Rachel Bloch House80%Educare and Extension39%Harry Oppenheimer-34%  | Isaac Albow Building                  | 389 R/m <sup>2</sup>  |
| Beattie Block  41 R/m²    Monthly "Night" Time Energy Usage    Geological Ext. Science Building  99%    Bremner Building  95%    Cottage & Glenara  45%    Educare and Extension  37%    Change in Month-on-Month Energy  124%    Educare and Extension  18%    Harry Oppenheimer  -36%    Isaac Albow Building  -54%    Maximum Demand  186 kVA    Student Union Ext. and Otto Beit  473 kVA    Geological Ext. Science Building  186 kVA    Rachel Bloch House  10 kVA    Educare and Extension  6 kVA    Maximum Demand  6 kVA    Rachel Bloch House  10 kVA    Educare and Extension  6 kVA    Machel Bloch House  80%    Educare and Extension  33%    Harry Oppenheimer  -34%  |                                       | 55 R/m <sup>2</sup>   |
| Geological Ext. Science Building    99%      Bremner Building    95%      Cottage & Glenara    45%      Educare and Extension    37%      Change in Month-on-Month Energy      Rachel Bloch House    124%      Educare and Extension    18%      Harry Oppenheimer    -36%      Isaac Albow Building    -54%      Maximum Demand    54%      Student Union Ext. and Otto Beit    473 kVA      Geological Ext. Science Building    186 kVA      Rachel Bloch House    10 kVA      Educare and Extension    6 kVA      Machel Bloch House    80%      Educare and Extension    6 kVA      Change in Month-on-Month Maximum Demand    Rachel Bloch House      Rachel Bloch House    80%      Educare and Extension    39%      Harry Oppenheimer    -34%  | •                                     | 41 R/m <sup>2</sup>   |
| Geological Ext. Science Building    99%      Bremner Building    95%      Cottage & Glenara    45%      Educare and Extension    37%      Change in Month-on-Month Energy      Rachel Bloch House    124%      Educare and Extension    18%      Harry Oppenheimer    -36%      Isaac Albow Building    -54%      Maximum Demand    54%      Student Union Ext. and Otto Beit    473 kVA      Geological Ext. Science Building    186 kVA      Rachel Bloch House    10 kVA      Educare and Extension    6 kVA      Machel Bloch House    80%      Educare and Extension    6 kVA      Change in Month-on-Month Maximum Demand    Rachel Bloch House      Rachel Bloch House    80%      Educare and Extension    39%      Harry Oppenheimer    -34%  | Monthly "Night" Time Ener             | rgy Usage             |
| Bremner Building    95%      Cottage & Glenara    45%      Educare and Extension    37%      Change in Month-on-Month Energy    124%      Educare and Extension    18%      Educare and Extension    18%      Harry Oppenheimer    -36%      Isaac Albow Building    -54%      Maximum Demand    54%      Student Union Ext. and Otto Beit    473 kVA      Geological Ext. Science Building    186 kVA      Rachel Bloch House    10 kVA      Educare and Extension    6 kVA      Change in Month-on-Month Maximum Demand    80%      Educare and Extension    39%      Harry Oppenheimer    -34%  |                                       |                       |
| Educare and Extension  37%    Educare and Extension  37%    Rachel Bloch House  124%    Educare and Extension  18%    Harry Oppenheimer  -36%    Isaac Albow Building  -54%    Maximum Demand  754%    Student Union Ext. and Otto Beit  473 kVA    Geological Ext. Science Building  186 kVA    Rachel Bloch House  10 kVA    Educare and Extension  6 kVA    Change in Month-on-Month Maximum Demand  80%    Educare and Extension  39%    Harry Oppenheimer  -34%   |                                       | 95%                   |
| Educare and Extension    37%      Change in Month-on-Month Energy      Rachel Bloch House    124%      Educare and Extension    18%      Harry Oppenheimer    -36%      Isaac Albow Building    -54%      Maximum Demand    54%      Student Union Ext. and Otto Beit    473 kVA      Geological Ext. Science Building    186 kVA      Rachel Bloch House    10 kVA      Educare and Extension    6 kVA      Change in Month-on-Month Maximum Demand    80%      Educare and Extension    39%      Harry Oppenheimer    -34%   | Cottage & Glenara                     | 45%                   |
| Change in Month-on-Month Energy      Rachel Bloch House    124%      Educare and Extension    18%      Harry Oppenheimer    -36%      Isaac Albow Building    -54%      Maximum Demand    0      Student Union Ext. and Otto Beit    473 kVA      Geological Ext. Science Building    186 kVA      Rachel Bloch House    10 kVA      Educare and Extension    6 kVA      Change in Month-on-Month Maximum Demand    80%      Educare and Extension    39%      Harry Oppenheimer    -34%   |                                       | 37%                   |
| Rachel Bloch House  124%    Educare and Extension  18%    Harry Oppenheimer  -36%    Isaac Albow Building  -54% <b>Maximum Demand</b> Student Union Ext. and Otto Beit  473 kVA    Geological Ext. Science Building  186 kVA    Rachel Bloch House  10 kVA    Educare and Extension  6 kVA <b>Change in Month-on-Month Maximum Demand</b> Rachel Bloch House  80%    Educare and Extension  39%    Harry Oppenheimer  -34%   |                                       |                       |
| Harry Oppenheimer 36%    Isaac Albow Building 36%    Maximum Demand    Student Union Ext. and Otto Beit  473 kVA    Geological Ext. Science Building  186 kVA    Rachel Bloch House  10 kVA    Educare and Extension  6 kVA    Change in Month-on-Month Maximum Demand    Rachel Bloch House  80%    Educare and Extension  39%    Harry Oppenheimer 34%   | -                                     |                       |
| Isaac Albow Building  -54%    Maximum Demand    Student Union Ext. and Otto Beit  473 kVA    Geological Ext. Science Building  186 kVA    Rachel Bloch House  10 kVA    Educare and Extension  6 kVA    Change in Month-on-Month Maximum Demand  80%    Educare and Extension  39%    Harry Oppenheimer  -34%  | Educare and Extension                 | 18%                   |
| Isaac Albow Building  -54%    Maximum Demand    Student Union Ext. and Otto Beit  473 kVA    Geological Ext. Science Building  186 kVA    Rachel Bloch House  10 kVA    Educare and Extension  6 kVA    Change in Month-on-Month Maximum Demand    Rachel Bloch House  80%    Educare and Extension  39%    Harry Oppenheimer  -34%  | Harry Oppenheimer                     | -36%                  |
| Maximum Demand      Student Union Ext. and Otto Beit    473 kVA      Geological Ext. Science Building    186 kVA      Rachel Bloch House    10 kVA      Educare and Extension    6 kVA      Change in Month-on-Month Maximum Demand    80%      Educare and Extension    39%      Harry Oppenheimer    -34%  |                                       | -54%                  |
| Geological Ext. Science Building  186 kVA    Rachel Bloch House  10 kVA    Educare and Extension  6 kVA    Change in Month-on-Month Maximum Demand    Rachel Bloch House  80%    Educare and Extension  39%    Harry Oppenheimer  -34%   |                                       | 1                     |
| Geological Ext. Science Building  186 kVA    Rachel Bloch House  10 kVA    Educare and Extension  6 kVA    Change in Month-on-Month Maximum Demand    Rachel Bloch House  80%    Educare and Extension  39%    Harry Oppenheimer  -34%   |                                       |                       |
| Rachel Bloch House  10 kVA    Educare and Extension  6 kVA    Change in Month-on-Month Maximum Demand  80%    Educare and Extension  39%    Harry Oppenheimer  -34%  |                                       |                       |
| Educare and Extension  6 kVA    Change in Month-on-Month Maximum Demand    Rachel Bloch House  80%    Educare and Extension  39%    Harry Oppenheimer  -34%  |                                       |                       |
| Change in Month-on-Month Maximum Demand    Rachel Bloch House  80%    Educare and Extension  39%    Harry Oppenheimer  -34%  |                                       |                       |
| Rachel Bloch House  80%    Educare and Extension  39%    Harry Oppenheimer  -34%   |                                       | •                     |
| Educare and Extension 39%<br>Harry Oppenheimer -34%  |                                       |                       |
| Harry Oppenheimer -34%   |                                       |                       |
|  |                                       |                       |
|  | Isaac Albow Building                  | -45%                  |

## LECTURE VENUE

| Monthly Electricity             |              |
|---------------------------------|--------------|
| Molecular                       | R 324 340    |
| PD Hahn                         | R 306 518    |
| Mechanical Engineering          | R 2 029      |
| Lovers Walk Houses              | R 693        |
| Monthly Energy U                | Isage        |
| Molecular                       | 315 812 kWł  |
| PD Hahn                         | 294 131 kWł  |
| Lovers Walk Houses              | 600 kWł      |
| Mechanical Engineering          | 382 kWI      |
| Monthly Energy Usage per        | Square Meter |
| SLC and Upalong                 | 66 kWh/m     |
| New PC Lab and Beattie          | 30 kWh/m     |
| Maths Block                     | l kWh/m      |
| Mechanical Engineering          | 0 kWh/m      |
| Monthly Cost per Squa           | are Meter    |
| SLC and Upalong                 | 873 R/m      |
| New PC Lab and Beattie Building | 509 R/m      |
| Maths Block                     | I4 R/m       |
| Mechanical Engineering          | 5 R/m        |
| Monthly "Night" Time E          | nergy Usage  |
| Lovers Walk Houses              | 317%         |
| H W Pearson BLDG                | 96%          |
| School Of Music                 | 34%          |
| Mechanical Engineering          | 34%          |
| Change in Month-on-Mo           | onth Energy  |
| Jagger,Oppenheimer              | 199          |
| Leslie Social Sciences          | 169          |
| Maths Block                     | -74%         |
| Mechanical Engineering          | -80%         |
| Maximum Dema                    |              |
| Molecular                       | 668 kVA      |
| PD Hahn                         | 641 kVA      |
| School Of Ballet                | 13 kVA       |
| Lovers Walk Houses              | 2 kVA        |
| Change in Month-on-Month M      | =            |
| New Science Lecture             |              |
|                                 | 1859         |
| New Engineering Building        |              |
| School Of Music                 | -43%         |

## RESIDENCE Monthly Electricity Cost Leo Marquard Hall R 133 014 Tugwell Hall R 114 578 R 37 860 Fuller Hall Smuts Hall R 23 917 Monthly Energy Usage Leo Marguard Hall 117 890 kWh Tugwell Hall 101 427 kWh All Africa House 12 334 kWh Smuts Hall 12 244 kWh Monthly Energy Usage per Square Meter Leo Marguard Hall 13 kWh/m<sup>2</sup> Tugwell Hall 11 kWh/m<sup>2</sup> All Africa House 3 kWh/m<sup>2</sup> Smuts Hall I kWh/m<sup>2</sup> Monthly Cost per Square Meter 62 R/m<sup>2</sup> All Africa House Oppenheimer Housing and Woolsack 43 R/m<sup>2</sup> Graca Machel Residence 18 R/m<sup>2</sup> Smuts Hall 10 R/m<sup>2</sup> Monthly "Night" Time Energy Usage Baxter Hall 120% 101% Smuts Hall Leo Marguard Hall 73% Oppenheimer Housing and Woolsack 72% Change in Month-on-Month Energy Oppenheimer Housing and Woolsack 8% -10% Graca Machel Residence Fuller Hall -79% -82% Smuts Hall Maximum Demand Leo Marguard Hall 314 kVA 274 kVA Tugwell Hall Smuts Hall 119 kVA All Africa House 41 kVA Change in Month-on-Month Maximum Demand Leo Marquard Hall 0% -13% Tugwell Hall Smuts Hall -40% All Africa House -56%

