

| Annual Emissions, FY 2006-2016 |                                    |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |  |
|--------------------------------|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--|
| Scope                          | Emissions Source                   | FY 2006<br>MT eCO <sub>2</sub> | FY 2007<br>MT eCO <sub>2</sub> | FY 2008<br>MT eCO <sub>2</sub> | FY 2009<br>MT eCO <sub>2</sub> | FY 2010 MT<br>eCO <sub>2</sub> | FY 2011 MT<br>eCO <sub>2</sub> | FY 2012 MT<br>eCO <sub>2</sub> | FY 2013 MT<br>eCO <sub>2</sub> | FY 2014 MT<br>eCO <sub>2</sub> | FY 2015 MT<br>eCO <sub>2</sub> | FY 2016 MT<br>eCO <sub>2</sub> | Percent of<br>2016 Total<br>Emmissions |
| Scope 1                        | Steam and Backup Generators        | 21,891                         | 23,022                         | 21,309                         | 21,983                         | 20,377                         | 19,379                         | 16,971                         | 18,634                         | 18,813                         | 18,354                         | 16,094                         | 23.5%                                  |
|                                | Fleet Vehicles                     | 2,210                          | 1,772                          | 871                            | 1,184                          | 1,239                          | 1,448                          | 343                            | 342                            | 1,759                          | 1,881                          | 1,867                          | 2.7%                                   |
|                                | Refrigerants/<br>Chemicals         | 225                            | 263                            | 208                            | 222                            | 114                            | 336                            | 605                            | 301                            | 799                            | 799                            | 813                            | 1.2%                                   |
|                                | Agriculture                        | 7                              | 8                              | 2                              | 11                             | 7                              | 10                             | 52                             | 36                             | 54                             | 60                             | 11                             | 0.0%                                   |
| Scope 2                        | Purchased Electricity              | 30,338                         | 33,077                         | 33,593                         | 29,618                         | 31,413                         | 31,502                         | 30,259                         | 30,518                         | 28,019                         | 26,102                         | 22,479                         | 32.9%                                  |
| Scope 3                        | Faculty/Staff<br>Commuting         | 1,840                          | 1,853                          | 1,889                          | 1,965                          | 1,977                          | 1,984                          | 6,660                          | 6,870                          | 5,876                          | 5,899                          | 6,998                          | 10.2%                                  |
|                                | Student Commuting                  | 1,893                          | 1,927                          | 1,990                          | 2,087                          | 2,136                          | 2,166                          | 6,481                          | 6,540                          | 7,390                          | 7,459                          | 7,433                          | 10.9%                                  |
|                                | Directly Financed Air<br>Travel    | 2,680                          | 3,080                          | 4,095                          | 2,883                          | 2,084                          | 2,374                          | 4,736                          | 5,477                          | 4,997                          | 5,588                          | 7,050                          | 10.3%                                  |
|                                | Directly Financed<br>Ground Travel | 682                            | 708                            | 847                            | 800                            | 1,573                          | 1,598                          | 1,211                          | 1,082                          | 1,226                          | 1,101                          | 865                            | 1.3%                                   |
|                                | Study Abroad                       | 714                            | 646                            | 621                            | 1,150                          | 3,023                          | 2,957                          | 2,662                          | 2,965                          | 2,599                          | 2,875                          | 2,534                          | 3.7%                                   |
|                                | Solid Waste                        | (68)                           | (64)                           | (65)                           | 651                            | 565                            | 582                            | 668                            | 568                            | 538                            | 532                            | 539                            | 0.8%                                   |
|                                | Wastewater                         | 60                             | 61                             | 62                             | 58                             | 48                             | 49                             | 46                             | 45                             | 47                             | 44                             | 44                             | 0.1%                                   |
|                                | Paper                              | 207                            | 207                            | 207                            | 198                            | 192                            | 233                            | 191                            | 185                            | 185                            | 183                            | 170                            | 0.2%                                   |
| Scope 2 T&D Losses             | 3,000                              | 3,271                          | 3,322                          | 2,929                          | 2,069                          | 2,075                          | 1,993                          | 2,010                          | 1,846                          | 1,719                          | 1,481                          | 2.2%                           |  |
| Total Scope 1 Emissions        |                                    | 24,332                         | 25,066                         | 22,389                         | 23,401                         | 21,738                         | 21,172                         | 17,971                         | 19,313                         | 21,425                         | 21,094                         | 18,785                         | 27.5%                                  |
| Total Scope 2 Emissions        |                                    | 30,338                         | 33,077                         | 33,593                         | 29,618                         | 31,413                         | 31,502                         | 30,259                         | 30,518                         | 28,019                         | 26,102                         | 22,479                         | 32.9%                                  |
| Total Scope 3 Emissions        |                                    | 11,009                         | 11,690                         | 12,969                         | 12,720                         | 13,667                         | 14,018                         | 24,649                         | 25,741                         | 24,705                         | 25,399                         | 27,113                         | 39.7%                                  |
| All Scopes                     |                                    | 65,679                         | 69,833                         | 68,952                         | 65,739                         | 66,818                         | 66,693                         | 72,879                         | 75,572                         | 74,149                         | 72,595                         | 68,377                         | 100.0%                                 |
| Total Offsets                  |                                    | (86)                           | (86)                           | (101)                          | (110)                          | (161)                          | (272)                          | (306)                          | (330)                          | (2,495)                        | (2,524)                        | (986)                          |  |
| <b>Net Emissions</b>           |                                    | <b>65,593</b>                  | <b>69,747</b>                  | <b>68,851</b>                  | <b>65,629</b>                  | <b>66,657</b>                  | <b>66,421</b>                  | <b>72,573</b>                  | <b>75,242</b>                  | <b>71,654</b>                  | <b>70,071</b>                  | <b>67,391</b>                  |  |
| % Change from FY 2009          |                                    |                                | <b>6.3%</b>                    | <b>4.9%</b>                    | <b>BASELINE</b>                | <b>1.6%</b>                    | <b>1.2%</b>                    | <b>10.6%</b>                   | <b>14.6%</b>                   | <b>9.2%</b>                    | <b>6.8%</b>                    | <b>2.7%</b>                    |  |

### Institutional Data

| Fiscal Year    | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Total Popln    | 19,422    | 19,880    | 20,284    | 20,410    | 20,698    | 21,016    | 21,200    | 21,781    |
| Square Footage | 4,578,249 | 4,687,467 | 4,641,356 | 4,896,263 | 5,103,514 | 5,110,782 | 5,240,610 | 5,174,003 |