

# 04-070 Environment and Energy Building (Y2E2)

FY2019 Building Rating: **79%**

## Building Sustainability Performance

| Category            | Weight in Overall Rating | Performance Metric                                | Current Performance | Target Performance | % Progress towards Target | Last year's performance | Explanation of year to year changes   |
|---------------------|--------------------------|---|---------------------|--------------------|---------------------------|-------------------------|---|
| Energy              | 40%                      | kBtu/sf/yr  | 100                 | 84*                | 84%                       | 84%                     | Waste diversion improved in Y2E2 in 2019, but % green spend and alternative commuters decreased slightly, keeping the year to year score very consistent. |
| Water               | 15%                      | average gallons per day                           | 2,309               | 2199*              | 95%                       | 95%                     |   |
| Waste               | 10%                      | % waste diverted from landfill                    | 86%                 | 75%                | 114%                      | 96%                     |   |
| Transportation      | 20%                      | % alternative commuters                           | 58%                 | 70%                | 82%                       | 87%                     |   |
| Purchasing          | 5%                       | % green spend of office supplies                  | 21%                 | 50%                | 43%                       | 51%                     |   |
| Occupant Engagement | 10%                      | % of occupants participating in My Cardinal Green | 8%                  | 90%                | 9%                        | 13%                     |   |
| Overall Rating      |                          |   |                     |                    | 79%                       | 79%                     |   |

\*Target based on technical potential of economically feasible efficiency measures in building

### Possible Program Participation

(informational only - does not directly inform performance score)

| Energy   | <a href="http://sustainable.stanford.edu/campus-action/energy/energy-initiatives">http://sustainable.stanford.edu/campus-action/energy/energy-initiatives</a> |
|--|---|
| Whole Building Retrofit                        | No  |
| LED Lighting                                   | <b>FY2014</b>   |
| Building HVAC Upgrades                         | No  |
| Building HVAC Recommissioning                  | <b>Yes</b>  |
| DDC Building Control Program                   | No  |
| <a href="#">Sustainable IT</a>                 | <b>FY2018</b>   |
| <a href="#">Smart Power Strips</a>             | No  |
| <a href="#">Timers on Breakroom Equipment</a>  | <b>FY2016</b>   |
| <a href="#">Winter Closure Savings</a>         | \$0   |
| Thanksgiving Closure and Other Holiday Savings | \$0   |
| Building schedule tuned for efficiency         | No  |
| Energy Conservation Incentive Program (ECIP)   | <b>Yes</b>  |

| Water   | <a href="https://sustainable.stanford.edu/solutions/water/water-initiatives">https://sustainable.stanford.edu/solutions/water/water-initiatives</a> |
|---|---|
| Low-Flow Water Fixtures (Based on 2014 Standards) | <b>81%</b>  |
| Water Conservation Signage                        | No  |
| Water Misers (Lab Only)                           | No  |

| Waste                                       | <a href="https://sustainable.stanford.edu/waste">https://sustainable.stanford.edu/waste</a> |
|---|---|
| <a href="#">Battery Recycling</a>           | <b>Yes</b>  |
| <a href="#">Electronics Recycling</a>       | <b>Yes</b>  |
| <a href="#">Toner Recycling</a>             | <b>Yes</b>  |
| Waste-Stream Audit                          | <b>2012</b>   |
| <a href="#">Desk-Side Paper Recycling</a>   | <b>Yes</b>  |
| <a href="#">Voluntary Office Composting</a> | <b>2 bins</b>   |
| <a href="#">Customer Funded Composting</a>  | <b>6 bins</b>   |
| Number of items donated to Surplus Property | <b>45</b>   |
| <a href="#">Glove Recycling (Lab Only)</a>  | No  |

| Transportation                  |    |
|---------------------------------|----|
| Departmental Bike Share Program | No |

| Occupant Engagement                            | <a href="https://sustainable.stanford.edu/cardinal-green">https://sustainable.stanford.edu/cardinal-green</a> |
|--|---|
| <a href="#">My Cardinal Green Participants</a> | <b>39</b>   |
| <a href="#">Sustainability Training</a>        | No  |