GREEN OFFICES
Dozens of offices across campus have completed training and implemented checklists of sustainability practices in their spaces, helping to mobilize the entire community in adopting energy conservation practices.

ENERGY AWARENESS
Light switch reminders, take the stairs campaign, eco-ambassador peer educators and conservation posters take community based social marketing beyond offices, and bringing sustainability forward as a highly visible social norm across campus.

SET POINTS & SCHEDULING
Set point standards for heating and cooling along with streamlining class and event locations allows buildings to cut back on energy use, especially during evenings and weekends.

THROUGH COLLABORATIONS ACROSS CAMPUS, ENERGY EFFICIENCY PROJECTS ADVANCE UMBC’S COMMITMENT TO ADVANCING AND INTEGRATING SUSTAINABILITY.

28% reduction in energy use since 2007, saving millions of dollars and reducing UMBC’s carbon footprint.

Without campus growth (new buildings and increased enrollment), the energy reductions would be 54%.

UMBC’s Climate Action Steering Committee unites Administration, Facilities, Students, and Faculty under the mission of reducing emissions.

ECO UPGRADES:

RETROFITS
All new buildings at UMBC are built to LEED standards. In addition, to new construction, existing buildings have been and will be renovated to improve in their energy efficiency.

CHILLED WATER
Optimization upgraded the chilled water pumping systems that provides cooling for 2/3 of campus and reduced campus electricity use by 7%. Funded by a $5.7 million loan. Annual savings: 5,700,000 kilowatt hours, $570,000 and 3,100 metric tons of carbon.

LIGHTING UPGRADE
Lighting upgrades reduced campus electricity use by 8%. Projected annual savings: are 6,000,000 kilowatt hours, $600,000, and 3,200 metric tons of carbon.