



17th Annual Leading by Example Awards December 4th, 2023

Massachusetts Executive Office of Energy and Environmental Affairs
Massachusetts Department of Energy Resources
Massachusetts Division of Capital Asset Management and Maintenance



Recognizing outstanding decarbonization, clean energy and environmental efforts among agencies, public higher education institutions, municipalities, and individuals in the Commonwealth of Massachusetts.

MassBay Community College

Despite a relatively small carbon footprint compared to some of the Commonwealth's larger public campuses, MassBay Community College (MBCC) is working hard to meet long-term emissions reduction goals. As the College expands and updates its buildings and fleets, it is taking steps to ensure that any new construction is all-electric, electric vehicles are the vehicle of choice, and landscaping equipment is converted to battery power. Coupled with energy efficiency projects, as well as efforts to expand single-stream recycling on campus and reduce usage of single-use plastic bottles, MBCC is leading by example amongst community colleges, and the Commonwealth as a whole.



MBCC Accomplishments



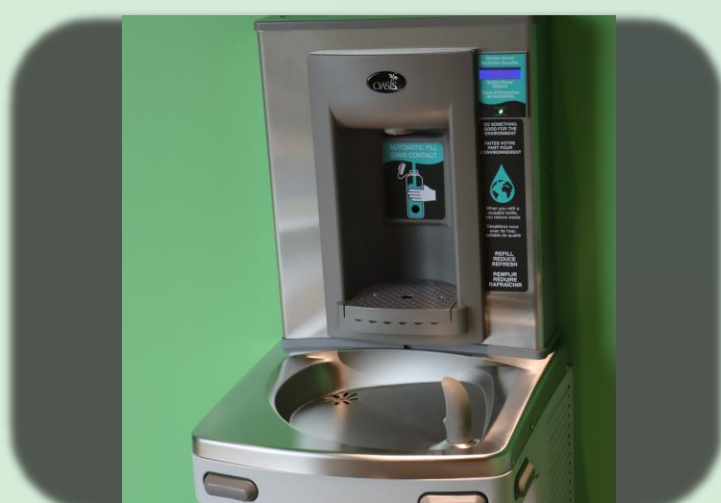
MBCC is supporting the electrification of its own fleet and the community, having installed three dual-port EV charging stations in Wellesley, an additional three planned in Wellesley for summer 2024, and two soon to be installed in Ashland.



MBCC has reduced electricity consumption by over 50% at its Wellesley campus since 2019 thanks in part to a new work-from-home policy, improved building operations, and conversion of all parking lot lighting to LEDs.



In coordination with DCAMM, MBCC constructed a highly efficient, 100% electric building -- the *Health Sciences, Early Education, and Human Services Center*. The facility features a ground-source heat pump system, 442kW of solar PV, and a tight envelope.



MBCC intends to voluntarily comply with the Healey-Driscoll Administration's executive order banning single-use plastics at executive agencies by purchasing some 3,000 reusable bottles to provide to faculty, staff, and students and installing additional water refill stations.