

# EARTH DAY 2020

## CELEBRATING LEADING BY EXAMPLE EFFORTS ACROSS THE COMMONWEALTH



In recognition of the 50th Anniversary of Earth Day, and with an eye toward the challenging times facing us today, the LBE team would like to take this opportunity to recognize and celebrate the long list of sustainability accomplishments at state agencies and campuses over the past decade. Please join us in acknowledging our collective efforts that are helping to green state operations while leading the way toward a cleaner Commonwealth and future. *This is the fourth in a series of daily communications we will be sending this Earth Week.*

## INNOVATIVE DECARBONIZATION ACCOMPLISHMENTS

### APPLAUDING THE STATE ENTITIES THAT HAVE DEMONSTRATED LEADERSHIP IN INNOVATIVE DECARBONIZATION

Meeting the Governor's net-zero by 2050 emissions goal will require transformational strategies including:

- Electrification of our buildings and vehicles
- Developing long-term plans now that result in deep decarbonization in the future
- Peak demand reduction strategies that include load reduction and energy storage

State entities have made great strides in adopting innovative approaches designed to support long-term decarbonization, including but not limited to:

- **Initiating long-term plans for carbon neutrality** (UMass Amherst, UMass Dartmouth, UMass Lowell, Salem State Univ)
- **Deploying battery storage** (UMass Amherst, UMass Boston, UMass Dartmouth)
- **Acquiring battery-electric vehicles** (Dept of Environmental Protection, Exec. Office of Energy and Environmental Affairs, Mass. Water Resources Authority, UMass Amherst, UMass Lowell)
- **Installing ground- and air-source heat pumps** (Bristol CC, Dept of Conservation and Recreation, Dept of Housing and Community Development, Division of Fisheries and Wildlife, Greenfield CC, Mass Bay Transportation Authority, Mass Maritime Academy, Middlesex CC, Middlesex Sheriff, North Shore CC, Roxbury CC, Salem State Univ, Springfield Tech CC, UMass Amherst)

