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## Climate Change Policy Document Options

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Geoff,

As prep for the Climate policy discussion I have found the following documents and top quotes I found during a brief review which may be helpful for today and beyond.

### **Boston Climate Action Plan 2019**

[https://www.boston.gov/sites/default/files/embed/file/2019-10/city\\_of\\_boston\\_2019\\_climate\\_action\\_plan\\_update\\_4.pdf](https://www.boston.gov/sites/default/files/embed/file/2019-10/city_of_boston_2019_climate_action_plan_update_4.pdf)

- "In September 2015, the city launched the BuildBPS master plan process. The report, released in March 2017, outlines strategies to address much-needed upgrades to the City's educational facilities with a long-range capital investment strategy. The BuildBPS initiative focuses on reducing the number of times students change schools from pre-K to grade 12, increasing access to quality learning centers, and siting new facilities in areas with low access to educational resources. The Plan adopted energy efficiency as a guiding principle for new construction, and, as BPS improves its existing facilities, identified climate control and electrical upgrades, green roofs, and solar and energy efficiency projects as opportunities to create environments that are conducive to learning, reduce operating costs, and demonstrate leadership on climate."
- "In April 2013, the City enacted the Building Energy Reporting and Disclosure Ordinance (BERDO). The ordinance requires that all commercial and residential buildings that are 35,000 square feet or have 35 units or more report their energy and water use to the city each year. The City of Boston then discloses this information on Analyze Boston, the City's open data platform. The City provides outreach and support to help property owners and the compliance rate reached 90 percent of square feet in 2018. The BERDO data indicate that the first cohort of buildings to start reporting reduced their average energy use by 7 percent between 2014 and 2017.<sup>13</sup> In addition to the reporting requirement, every five years, buildings must show they have taken action to reduce their energy use or emissions by 15 percent or conducted a detailed assessment of options to reduce their energy use"
- "Convert nearly everything that runs on fossil fuels to run on electricity; and > Buy 100 percent carbon-free electricity. For buildings, the analysis indicated that adopting a Zero Net Carbon standard for new construction by 2030, and retrofitting and electrifying at least 80 percent of existing buildings are essential steps."
- " For existing buildings, widespread deep energy retrofits and fossil fuel-free heating and hot water systems are the most effective carbon reduction strategies"
- " The work necessary to retrofit Boston's buildings has the potential to support the local economy and expand local career opportunities in energy efficiency and construction. It will also be important to develop anti-displacement strategies, specific strategies for affordable housing and historic buildings, and flexible compliance mechanisms."
- "By investing in energy efficiency, we will make indoor air temperatures more comfortable for students and teachers in Boston's public schools, as well as for City employees across municipal buildings."
- "The City of Boston will pursue the following strategies to reduce building emissions over the next five years: 1. Construct new municipal buildings to a zero net carbon standard 2. Adopt a zero net carbon standard for City-funded affordable housing in Boston 3. Strengthen green building zoning requirements to a zero net carbon standard 4. Invest in energy efficiency and renewable energy generation in municipal buildings 5. Develop a carbon emissions performance standard to decarbonize existing large buildings 6. Expand workforce development programs for building decarbonization 7. Advocate for state building policies that align with carbon neutrality by 2050" Many details on these starting on page 37.
- "All vehicles purchased for Central Fleet are electric or zero-emissions vehicles, or best in class if an appropriate ZEV is not available"

- " Boston Public Schools is transitioning its bus fleet from diesel to propane. Propane buses are more efficient and can save nearly 50 percent per mile in fuel and maintenance costs relative to diesel. They are also cleaner, particularly when replacing older diesel buses, emitting fewer air pollutants and up to 15 percent fewer greenhouse gases."

#### **Build BPS 2018-2027**

<https://www.bostonpublicschools.org/cms/lib/MA01906464/Centricity/Domain/1901/BuildBPSversion6.pdf>

- "Solar and Energy Efficiency As BPS improves facilities it must attend to environmental considerations and impact. Energy projects - including solar, lighting upgrades, and other energy efficient projects - represent a dual opportunity: the district can be a leader in municipal energy efficiency and can lower its operating costs."

#### **Letter the SC Signed onto last year**

<https://www.framingham.k12.ma.us/cms/lib/MA01907569/Centricity/Domain/81/2019-2020/06.17.20/Muni%20letter%20to%20MSBA.pdf>

- "Encourage the MSBA to require that all school building projects funded by MSBA be fully electrified, and climate resilient."
- "Heat and cooling should be supplied by clean all-electric heating and cooling systems, not oil, propane, or gas-fueled systems."
- "Parking lots should offer electric vehicle (EV) charging stations for staff and/or visitors."
- "Schools built on or near historic wetlands or in floodplains should take into account precipitation modeling for 2070 and beyond; this may entail a raised structure or building in an alternate location."

#### **City of Framingham Open Space and Recreation Plan**

<https://www.framinghamma.gov/DocumentCenter/View/40373/Framingham-2020-Open-Space-and-Recreation-Plan-NOV2020-DRAFT>

- "Active Management of City Properties: Maintain and improve existing recreation facilities. Utilize management techniques to maximize ecological benefits and minimize risks to the community from flooding, extreme weather, pollution, pests, etc."
- "Education: Utilize our open space and recreation assets to increase knowledge and awareness of health and sustainability concerns."
- "Energy Maximize opportunities to generate renewable energy and reduce energy use at open space and recreation facilities."
- "Stormwater Drainage improvements and nature-based solutions – to further the City's efforts for climate resiliency and water quality improvements, the City will take steps to improve stormwater drainage systems at City parks and open space facilities."

-Adam

Chair, Framingham School Committee

District 4

<http://www.framingham.k12.ma.us/schoolcommittee>