

Decarbonizing the School District

ABRHS Resource Force





**“Winning slowly is the same as losing”
– Bill McKibben**



Who are we and what are we doing?

- We are a student-led team at ABRHS
- Focused on fighting climate change primarily at a local level
- Successfully advocated for the increase of renewables in Acton Power Choice
- Last June, we sent the school committee a resolution to decarbonize the school district



Long-term climate effects



- Increase in school closures due to more severe and more frequent weather events
- Increased costs for repairs and maintenance due to more frequent extreme weather
- Decreased food security especially for low income families

Effects on children:

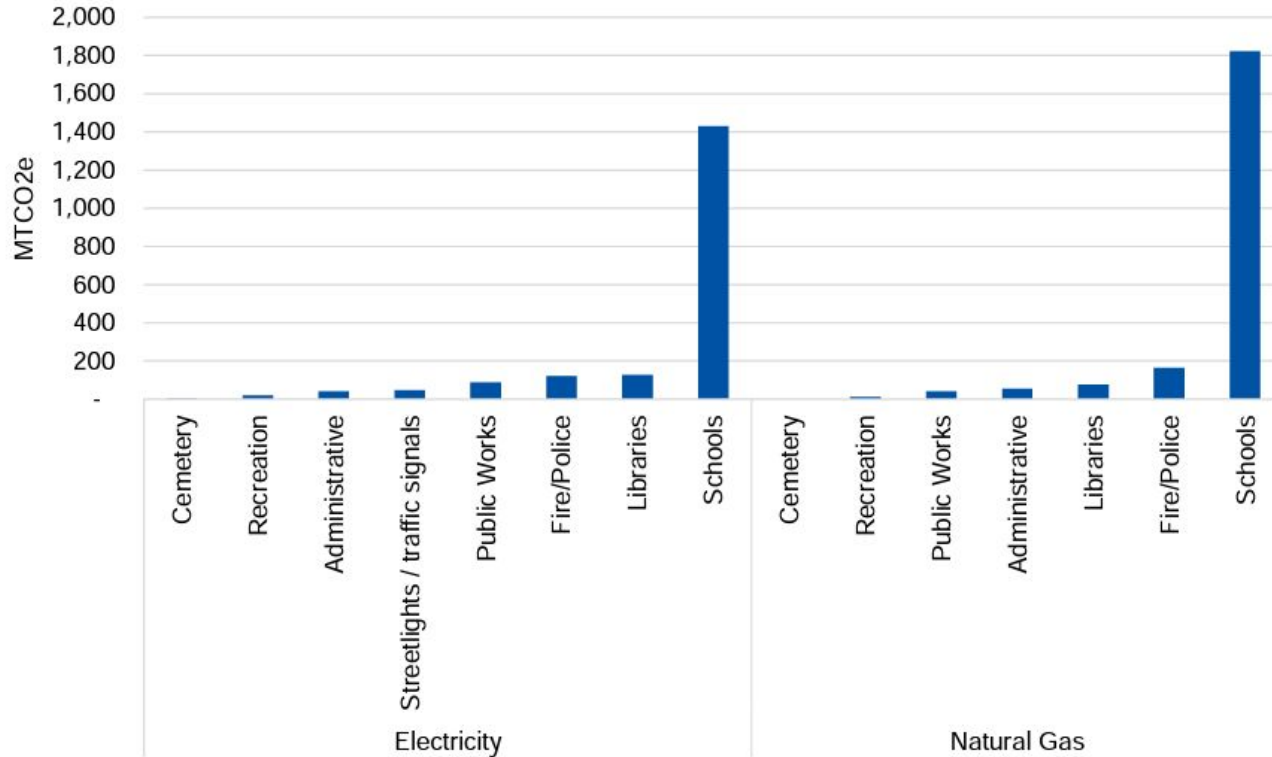
- Climate change increased cases of asthma in children
 - Estimated **increase** of between **4%-11%**
 - Children's asthma-related emergency department visits projected to **increase 17%-30%** each year
- **1 million to over 2 million** children are estimated to experience temporary or permanent home loss from sea level rises



AB's effect on climate change

- Released **12,722 metric tons of CO₂ equivalent** in 2017
- Largest municipal footprint — electricity and natural gas





Our Ask – Climate Resolution

As a public entity, we must move along with the town and state government in climate initiative.

- 100% of electricity from renewable energy sources as soon as possible
- Integrating on-site solar and battery storage to the fullest extent possible
- Electrify all school buses by 2026
- Electrify grounds equipment and other vehicles by 2030
- Electrify all buildings by 2045
- An annual public progress report



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Resources

Acton GHG:

- [Slides](#)
- [Inventory](#)

[Beverly Climate Action Plan](#)

[Acton Climate Action Plan](#)

[Acton Electrification Roadmap](#)





Thank you for your time

