

## Clean Building Acts Upgrades

Estimated project cost	\$8.5M
Estimated/final completion date	2025

Description: To comply with the Clean Buildings Act, work will likely include replacement of the entire HVAC system, including boilers, pump, variable frequency drives, hydronic piping, air handlers, valves, and DDC controls system. Due to the size and scope of the project, the project will likely be phased, with work beginning in 2023 and completing in 2025. As both Jackson HS and Heatherwood MS are connected to a single electrical meter, the project may require the two schools be separated such that each school has its own electrical meter. This will require a new electrical service be installed at both schools.

### Updates:

January 3, 2023: The options for mechanical systems have been reviewed with maintenance and one selected. Existing piping has been diagramed in preparations for redesign.

December 1, 2022: Overall strategy for undertaking the various components of the project is being developed. Also, options for the mechanical systems configuration have been prepared and are being reviewed with maintenance to determine the best course of action.

October 25, 2022: The design team has done a preliminary estimate of costs for several HVAC system types, each with its own corresponding savings in carbon emission. Project design to begin in November.