

Clean Building Acts Upgrades

Estimated project cost	\$30M
Estimated/final completion date	ongoing – multiple sites

Description: To comply with the Clean Buildings Act, a law that was passed by the state legislature in 2019, work will likely include replacement of the entire heating, ventilation, and air conditioning (HVAC) system, at Jackson HS; Evergreen MS and Heatherwood MS. Work at Sequoia HS and Gateway MS will require various selected upgrades to the HVAC systems, including boilers, pump, hydronic piping, air handlers, valves, and HVAC controls system. Due to the size and scope of the project, the project will be phased, with work beginning in 2023. Additional work that may be necessary to comply with this new law may include the addition of electrical sub-metering, and building envelope upgrades, such as adding insulation.

Updates:

January 3, 2023: Several options for mechanical systems designs have been reviewed by district staff and one HVAC design option has been selected. Existing piping at Jackson High School has been diagramed in preparations for redesign. Design work for the new HVAC system at Jackson HS is in progress.

December 1, 2022: Overall strategy for undertaking the various components of the project is being developed. Several options for the mechanical systems configuration have been prepared and are being reviewed by district staff 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.