Planned Strategies for Heat Mitigation-Tier 3

Tiers	Strategy	Scope of Work	Scale	Estimated Costs
Tier 3 **Long-Term Investments**	**High Complexity, High Cost,** Active Cooling and Overhall of Building Systems	**Comprehensive HVAC Upgrades & Building Envelope Improvements:** Comprehensive modernization including ventilation, cooling systems, and insulation.	HVAC and Building Envelope	$9-12M per site
		Incorporated in Major Modernization Projects Garfield, McClymonds, Roosevelt, Melrose (MLA), Fremont, CCPA	**231 classrooms (11% of Classes)**	$32 M Committed Measure Y
		Chillers to Ventilation System: A centralized system that uses chilled water to cool air distributed through existing ventilation, efficiently serving multiple classrooms or buildings.	Site by Site Increased Electrical Costs	$800K – $1.8M per site
		Evaporative Coils and Condenser to Existing Units: A retrofit that adds cooling to existing systems using coils and condensers, providing improved comfort at a lower cost and faster timeline.	Site by Site Increased Electrical Costs	$2M – $4M per site
		Individual Packaged Units (Floor-Mounted): Standalone classroom units that provide immediate heating and cooling but require electrical upgrades to support increased power demand.	Site by Site Increased Electrical Costs	$1.8M to $4.0M per school

Note: Estimated costs subject to change, assessed during procurement and design process.