

All-Electric School Case Study

Sacramento City Unified School District — Floyd Farms



SMUD's Integrated Design Solutions program provides incentives for electrification and energy-efficient equipment in your new or extensively renovated all-electric commercial building.

Year Completed	2021
Architect	HMC Architects
General Contractor	Landmark Construction
Mechanical Engineer	LP Consulting Engineers, Inc.
Mechanical Contractor	ACCO Engineered Solutions
Building Size	4,500 square feet
Heating provided by	Variable refrigerant flow with heat recovery
Cooling provided by	Variable refrigerant flow with heat recovery
Domestic hot water heated by	Variable refrigerant flow with heat recovery. Project will use Fan Coil Units to heat DHW with either recovered building heat or heat extracted from outdoors.
Other notable design features	Large ceiling fans for open spaces Rigid insulation with Z-Girts to reduce thermal bridging 100-gal rainwater capture for irrigation Operable windows Tubular skylights Sunshade awnings Induction ranges in classroom, staff area and commercial kitchen, courtesy of SMUD

For questions, email IntegratedDesign@smud.org
or call **916-732-5095**.

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