

SUSTAINABILITY CONSIDERATIONS

Following recent energy efficiency and sustainability successes funded by HUSD's Measure H, the District wishes to continue its leadership in this important area of facilities for its current and future work.

Recently, HUSD "flipped the switch" on its 5.3 mega-watt solar photovoltaic, electric vehicle charging stations and battery storage project. This impressive energy project was coupled with Science, Technology, Engineering, Art and Math (STEAM) education offerings aligned with the infrastructure improvements.

In August of 2019, HUSD opened its new Cherryland Elementary School campus, the District's first Collaborative for High Performance Schools (CHPS) Verified project—a goal which was achieved. Care was taken during design to ensure that site and building orientation would promote high quality daylighting in classrooms and common areas.

As HUSD, considers future facilities needs. Derivi Castellanos Architects recommends the District consider adopting a Board Policy aligning its future facility designs to the Collaborative for High Performing Schools (CHPS) criteria.

CHPS offers criteria for modernization and new construction projects with emphasis on the following areas of design, which promote energy/resource efficiency and healthy learning environments:

- Integration and Innovation
- Indoor Environmental Quality
- Energy
- Water
- Sites
- Materials and Water Management
- Operations & Metrics



Further, it is recommended HUSD align future facility designs to the City of Hayward's Climate Action Plan.

Copies of CHPS criteria and Hayward's Climate Action Plan are included in the Appendix.



"Flip the switch" event for HUSD's new 5.3 mega-watt solar PV, electric vehicle charging stations and battery storage project.



Daylighting in classrooms at the new Cherryland Elementary School designed and verified to meet CHPS criteria.