



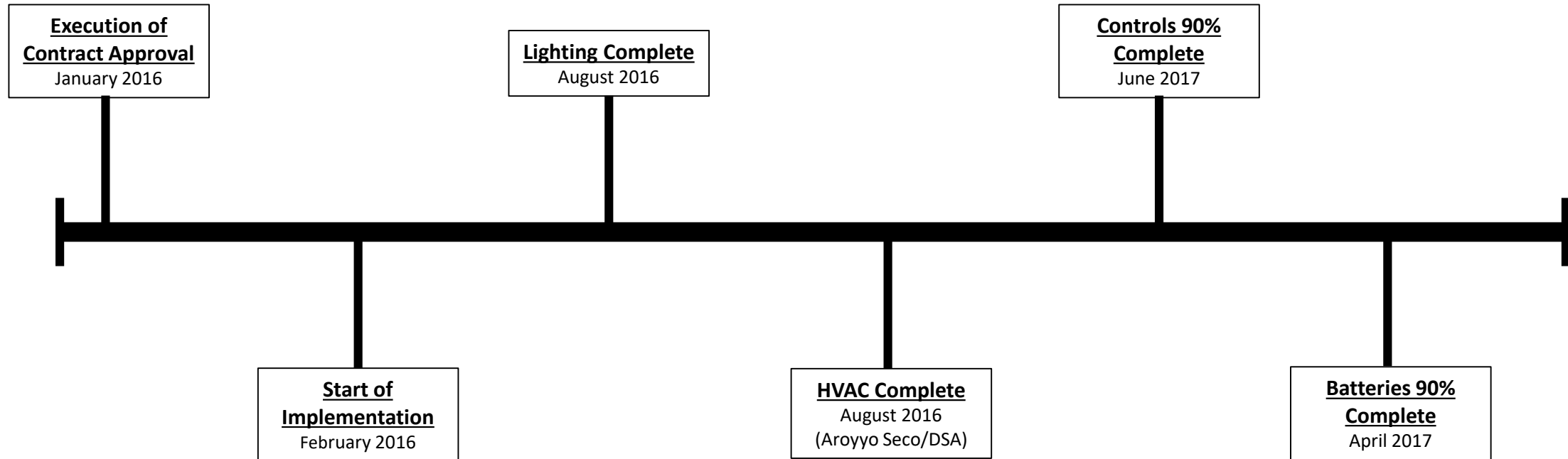
William S. Hart High School District

Energy Efficiency Project Overview





Timeline To Date



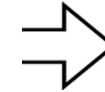
Before & After



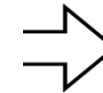
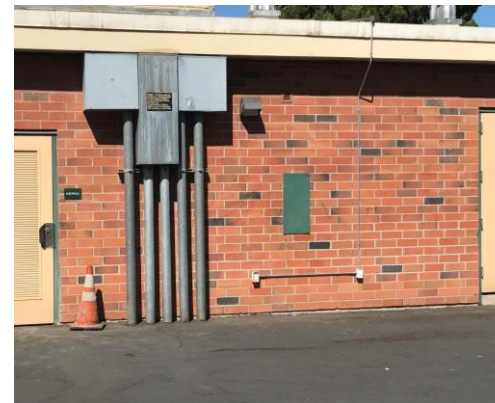
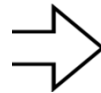
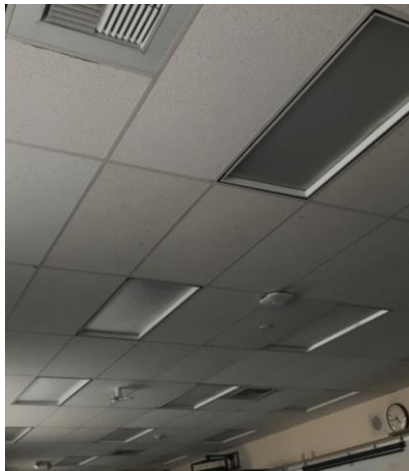
Lighting



Roofing



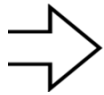
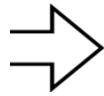
Batteries



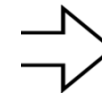
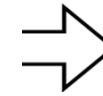
Before & After



HVAC



Controls





Phase 1 Performance

Construction Savings

1) Calculated

- **\$86,061**

2) Realized

- **\$205,033**

Year 1 Savings

1) Calculated

- **\$430,305**

2) Anticipated

- **\$457,839**

Phase 1 Additional Work Performed



Sequoia Charter

- District added school after audit was complete.
ABS added scope at no cost
 - 650 LED T-8 Lamps Upgrades
 - 4 – 58W LED Flood Fixture Upgrades

Valencia High School

- Removal of 40ft storage containers at no cost
- Installation of new economizers on gym units at no costs





Future Phases

Phase 2

Sites Included

- Administration Center/Copy Center
- Arroyo Seco JH
- Golden Valley HS
- Hart HS
- La Mesa JH
- Placerita JH / Golden Oak & TLC
- Saugus HS
- West Ranch HS

ECM's Included

- Lighting
 - Interior Lighting Upgrades
 - Exterior Lighting Upgrades
 - Occupancy Sensors
- HVAC
 - HVAC Unit Replacements
 - HVAC EMS & Tstat Replacements
- Continuous Monitoring
 - Install Energy Monitoring & Provide Continuous Commissioning
- Solar
 - New Solar Installation
 - Administration Center
 - Arroyo Seco JH
 - Hart HS
 - Placerita JH
 - Bowman HS

Solar PPA Purchase

Sites Included

- Canyon HS
- Golden Valley HS
- La Mesa JH
- Rancho Pico JH
- Rio Norte JH
- Saugus HS
- Sierra Vista JH
- Valencia HS
- West Ranch HS

Potential Savings

- **\$16,410,000**



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