Prop 39 Program Update

Darin Vey
Energy Utilities Program Supervisor
**District Facts:**
- 200 sites with over 100,000 students
- 2nd largest school district in CA – 8th nationwide
- Climate Action Plan and “Dream Big” initiative
- Declining ADA – Financial pressure on general fund

**Energy Facts:**
- $19.4M Annual energy spend
- 75,467,989 kWh use in FY 2017
- HVAC is being installed to all sites (75% complete)
- PV Solar installed on 45 sites (PPA and district owned)
Prop 39 Program:
- CEC approved 98 Projects on 59 Sites
- $25,336,149 total allocated funds (5 yrs.)
- Six, full time, district staff exclusively Prop 39 funded
- Expected annual energy savings: 5,812,036 kWh
- Expected annual cost savings: $1,427,706
- 119 jobs created
- CO² Offset: 4,082 metric tons
Prop 39 Project Status

- **Interior LED Lighting (since 2016):**
  - Installed over 32K LED fixtures in Classrooms, Libraries, Admin. bldgs. & Gyms since 2016. $9.1 Million.
  - Rebate program - Received $2.24 Million since 2016
  - Average 19% kWh savings of total site use (w/HVAC)

- **Exterior LED lighting retrofit:**
  - 11 sites to be completed by FY2020
  - Some district labor and some contracted
Prop 39 Project Status

- HVAC efficiency replacement:
  - Replacing 20+ year old HVAC with higher SEER rating
  - 22 sites
  - Design in 2018 & install 2019/2020

- HVAC Controls:
  - Energy Management System (EMS) upgrade
  - More control over stand-alone thermostats
Prop 39 Project Status

Challenges
- RFP process & Contracting Process was too long
- Time to complete installations by June 30, 2020
- Reliable and consistent use data from IOU

Future Additional Funding Use
- Remaining 80% sites interior & exterior LED lighting
- Additional ZNE projects to reach 50% 2030 CA goal
- Remaining 78% sites for PV solar generation
- Staff behavioral & student energy savings programs
- Benchmarking software
- AMR Sub-Meters for better accuracy of actual use