



Amador County Unified School District
Amador County Office of Education

Amador County USD **GOLD**: Progress Update

March 28, 2018
Jackson, CA



Formerly:  OPTERRA

AMADOR **GOLD** PARTNERSHIP

An  company

Who is ENGIE?



No. 1 supplier of energy efficiency services in the world

In 2016 **\$66.6B**
in revenue

152,900 employees
(58,200 in power and
natural gas + **94,700**
in energy services)

900 researchers and experts
in 11 R&D Centers



OPERATIONS IN 70 COUNTRIES



ENGIE Services by the Numbers

(Formerly OpTerra Energy Services)



42+ Years

Experience as an Accredited Energy Service Provider (NAESCO)

100+ MW

Installed Solar Projects for Public Entities in CA

\$2 B+

in Customer Savings

1,000+

Satisfied Customers Nationwide

25+

U.S. Office Locations

325+

Employees, Including 150 Engineers (ME, EE & CE PEs, CEMs, & LEED APs)



Team Communication

- ✓ **Weekly Friday Construction Meetings**
- ✓ **Bi-Weekly Leadership Meetings on March 8th and March 22nd**



Amador **GOLD** STEM Education Program

- ✓ **February 8th - STEM kick-off meeting with ENGIE Services Education Manager and District Staff**

- ✓ **Next meeting scheduled for April 5th**



Solar PV Status – Argonaut High School

- **Argonaut HS Canopy Structures:**
 - Canopy installation complete November 2018
 - Replacement of site transformer completed by PG&E
3/23/18
 - PG&E final inspection pending scheduled date from PG&E
 - PG&E issuance of Permission to Operate (PTO) pending
PG&E final inspection.
 - Interconnect of array by ENGIE Services will take place
upon receipt of PTO from PG&E. (anticipated by end of
April)



Solar PV Status – Argonaut High School

- **Argonaut HS Ground Mount**

- Ground mount array installation completed December 2018.
- PG&E design & pre-construction meeting 1/17/18
- Electrical gear installation completed 3/16/18
- PG&E extension agreement executed 3/2/18
- Utility upgrades by PG&E tentatively schedule for mid April pending firm schedule from PG&E
- PG&E final inspection pending completion of ground mount array.
- Interconnection of array by ENGIE will take place upon receipt of PTO from PG&E. (anticipated early to mid May)



Solar PV Status – Amador High School

- **Amador HS Canopy & Ground Mount (Single interconnection agreement)**
 - Canopy array installation and supporting infrastructure out to the ground mount location completed 2/12/18.
 - Ground mount array scheduled to begin April 16. (pending design approval by ACUSD)
 - PG&E pre-construction meeting TBD
 - PG&E extension agreement executed 1/30/18
 - Utility upgrades by PG&E tentatively schedule for late April pending firm schedule from PG&E
 - PG&E final inspection pending completion of ground mount array.
 - Interconnection of array by ENGIE will take place upon receipt of PTO from PG&E. (anticipated early to mid July)



Lighting Progress

- **Facility Lighting Retrofit Progress:**
 - Lighting retrofits complete (pending ACUSD walk)
 - Approximately 7112 light fixtures retrofitted (ESC 6953 fixtures)
 - 198 retrofits planned with 10 year material warranty changed to retrofits with 5 year material warranty due to application of existing fixture.
 - 53 retrofits planned with 5 year material warranty changed to product with 10 year material warranty due to application of existing fixture.
 - 153 lamp retrofits change to new LED fixture retrofit due to condition of existing fixture and/or to maintain consistency



Lighting Next Steps

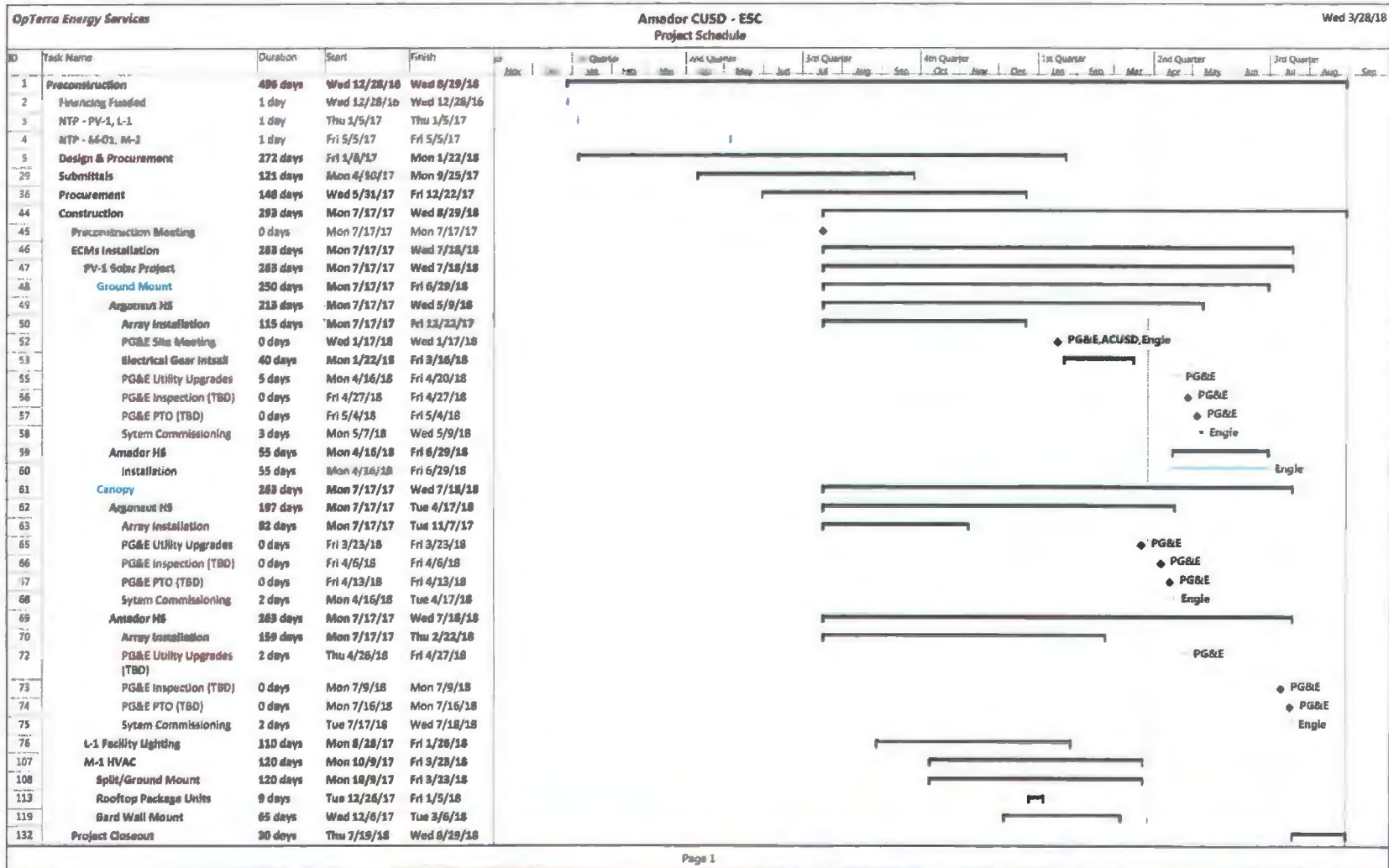
- **Facility Lighting Retrofit Next Steps:**
 - Site walks by ENGIE scheduled for 3/29 & 4/2 to identify dual circuit light sensor installed on single circuits
 - Replacement of dual circuit sensors to single circuit sensors will be scheduled upon receipt of product delivery schedule



HVAC Progress & Next Steps

- All (84) HVAC units have been replaced as of March 23th
- Completion of punch list repairs and final commissioning with ACUSD planned for the month of April

Master Schedule





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