

# Solar Project, 2017

LASD Board Meeting

August 14, 2017

# Background

- In January our solar consultants (Terra Verde) made the district aware of a unique window of opportunity to grandfather existing PG&E rate structures before they change
- LASD Board began review of this project last Spring and approved it on June 12 after a series of meetings discussing the project

# Background

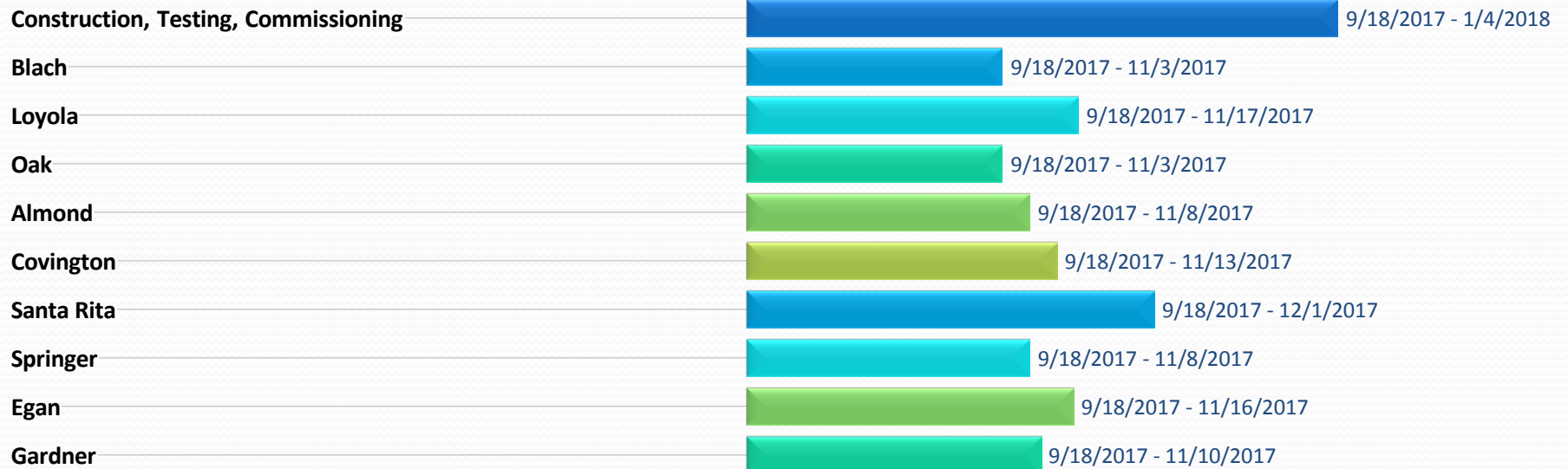
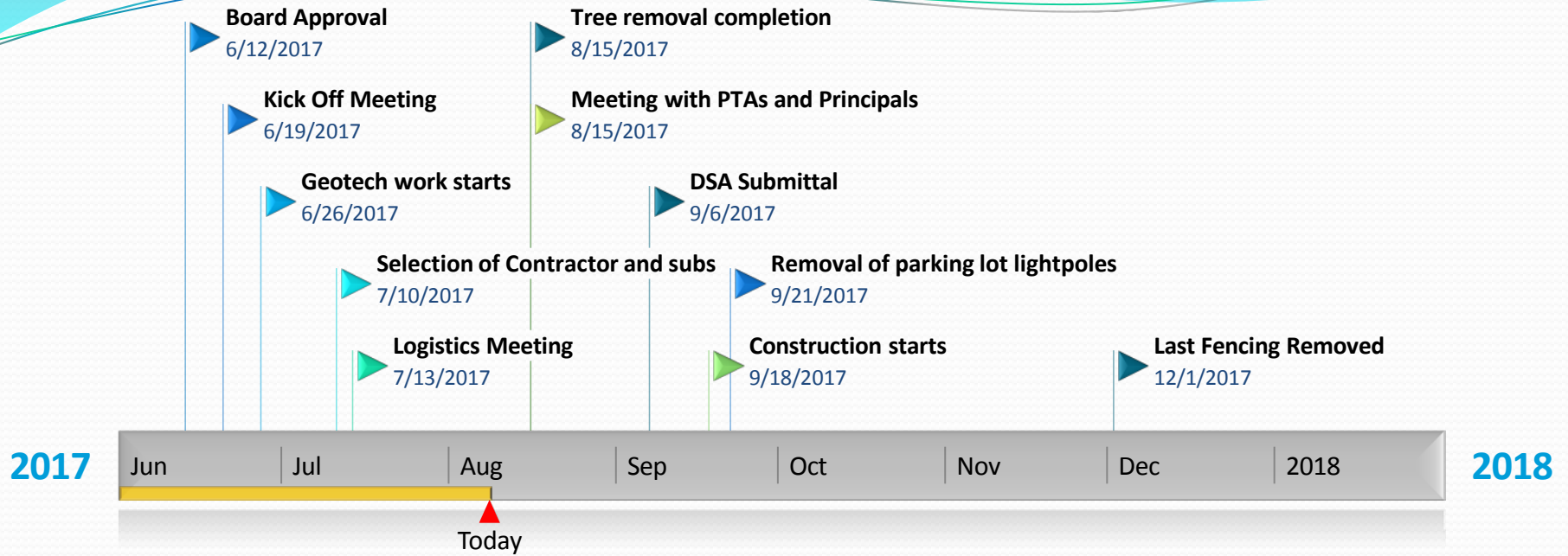
- Because of the tight timeline—construction must be completed by Dec 31 to take advantage of the grandfathered rate structure—the only feasible option for solar is on DSA pre-approved shade structures, similar to what we see at other schools across the county
- Installing solar panels on roofs would require a lengthy review process by DSA and thus not meet the Dec 31 deadline

# Background

- Installing solar arrays will save the District over \$175,000 annually and reduce our carbon footprint (equivalent to 3.5 million pounds of CO<sub>2</sub> annually)
- **No Measure N (bond) funds are being used for this project**
  - District is contracting with Forefront Power, LLC, a third party provider, who will install and own the equipment
  - District in-turn will “buy” electricity from Forefront at an agreed upon price (per kWh)
  - Y1 price the District pays is estimated to be \$175,000 less than what we pay for electricity currently. The savings are expected to escalate over time and reach over \$2.7 million after 10 years.

# Background

- All solar shade structures are to be installed in school parking lots, except at Oak School where the structures will be installed in the lunch and play area
  - Why? Existing PG&E power lines across the front of Oak School would cast a shadow on the solar panels, if located in the parking lot, thus diminishing their effectiveness and shortening their life span



# Construction Schedule

- Why some schools take longer than others
  - System size: requires more steel and more modules
  - Longer wiring runs: requires more directional boring and wire pulling
  - ADA upgrades: if solar arrays don't cover existing ADA parking stalls then new ADA stalls need to be created

# Community Outreach

- Flyers to neighbors close to school parking lots
- FAQ in process
- Website posting
- Town Crier article
- GreenTown collaboration
- School newsletters
- Meeting with PTA Presidents
- Contact with City staffs (LA, LAH, MV, County)



# Traffic/Parking Management

- Each school has some parking stalls available during construction
  - Some of those stalls will be reserved for
    - Handicapped, nurse, traveling teachers, etc.
- School staff will park in neighborhoods, bike/walk, carpool, possibly shuttle or Uber
- New paths of travel within parking lots may be needed at some schools

# Traffic/Parking Management

- GreenTown Los Altos is a key partner
- GreenTown has developed a plan to encourage families to walk/bike to school and/or carpool
  - GreenTown representatives to speak tonight re their plan

# Next Steps

- Continue community outreach
  - After 8/15 meeting with PTA Presidents, school newsletters to parents (if not sent previously)
  - Updates on website, Town Crier articles
- Continue developing traffic/parking management plans
- Prepare sites for construction