

# COMPLETION OF PHOTOVOLTAIC “SOLAR” SHELTERS



FULLERTON SCHOOL DISTRICT  
OCTOBER 2, 2020

# FSD is Producing 78% of the Electricity Needed to Operate Schools via Solar



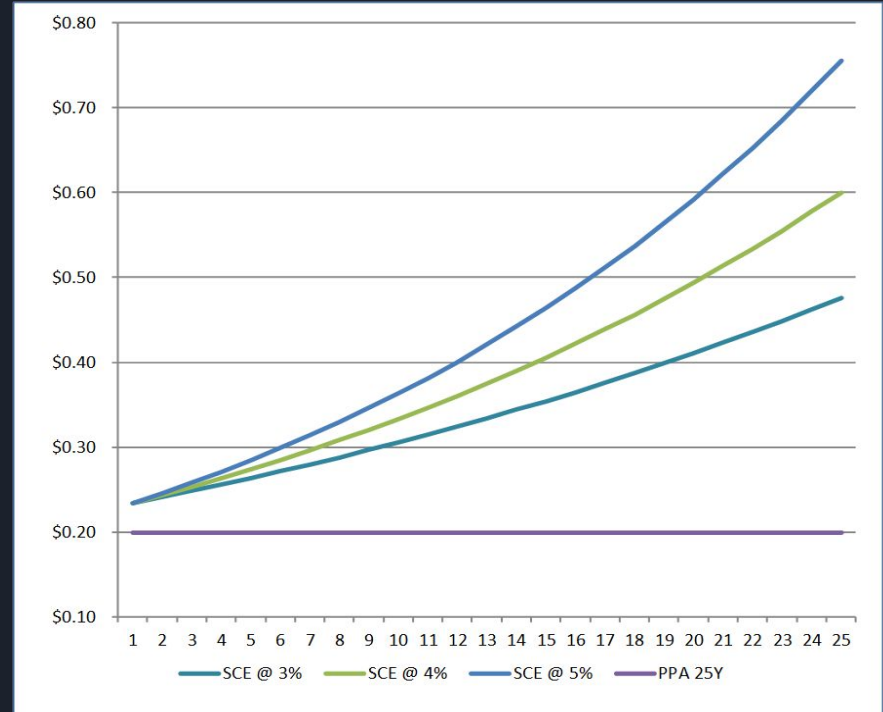
We currently have 7,956 Panels producing 4,735,096 kWh per year

Our current power purchase agreement rate of \$0.1998 per kWh is comparable to our “pre-solar” kWh rate.

While we won't see immediate savings, the good news is as Southern California Edison (SCE) rates go up, we are “locked-in” at a rate of \$0.1998 per kWh for 25 years.

In 2021, SCE rates are increasing 11%.

Our Solar Shelters will save FSD between \$3 million to \$5 million by having a “locked-in” rate of \$0.1998 per kWh



# PARKING CANOPY SOLAR STRUCTURES



# SHADE SOLAR STRUCTURES



# ELEVATED SOLAR STRUCTURES



Nicolas Jr. High



Ladera Vista Jr. High



Ladera Vista Jr. High



Ladera Vista Jr. High



Acacia Elementary

# LUNCH AREA SOLAR STRUCTURES





# Construction Timeline and Energy (Electricity) Produced by School/Site

The following Slides detail the construction timeline and projected kWh produced per School/Site.

COVID-19 delayed Southern California Edison closing out the projects.

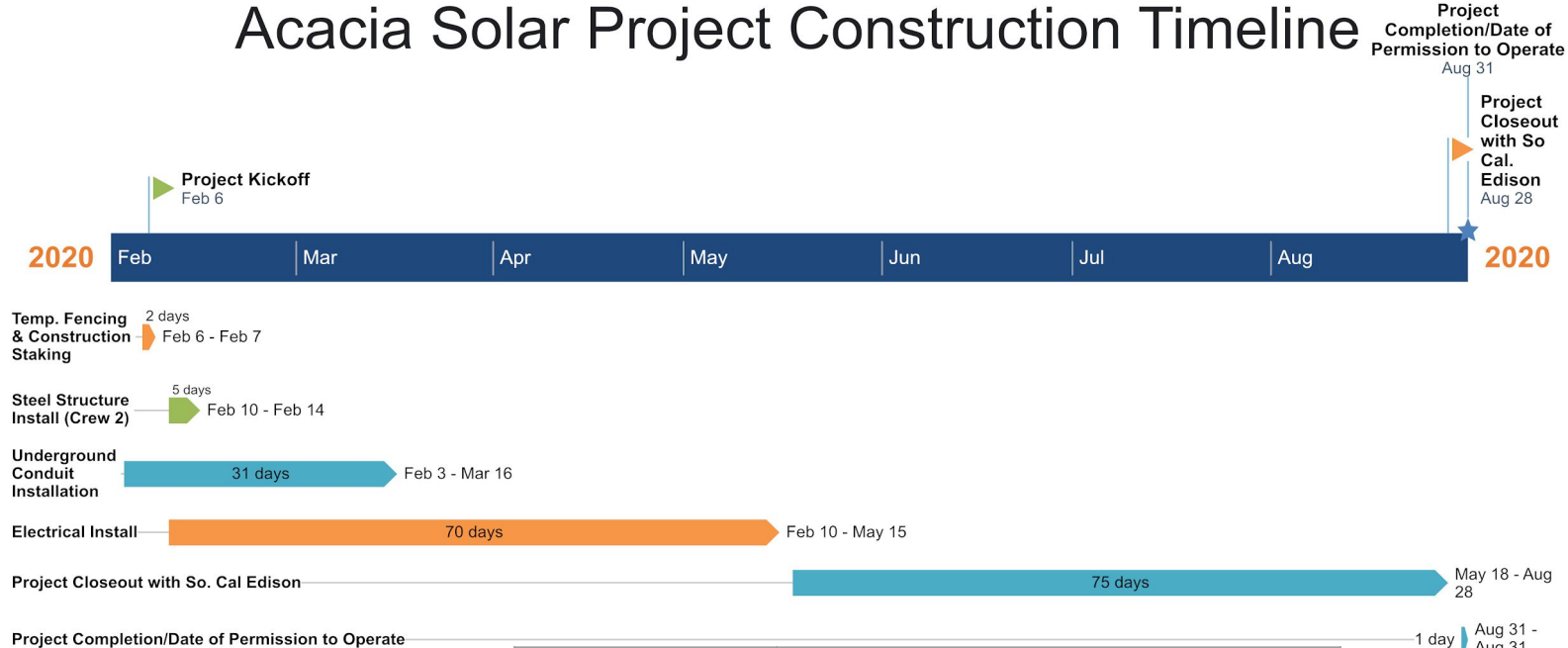
All panels will be cleaned and maintained and the cost is included in the lease.

Energy Production should be similar day-to-day but may dramatically decrease due to Clouds or Smoke from Fires.

FSD only pays for the Energy the panels produce.

Click on the [Energy Production Link](#) at the top of each page to view a Dashboard showing Energy production hourly, daily, weekly, monthly and annually per site.

# Acacia Solar Project Construction Timeline



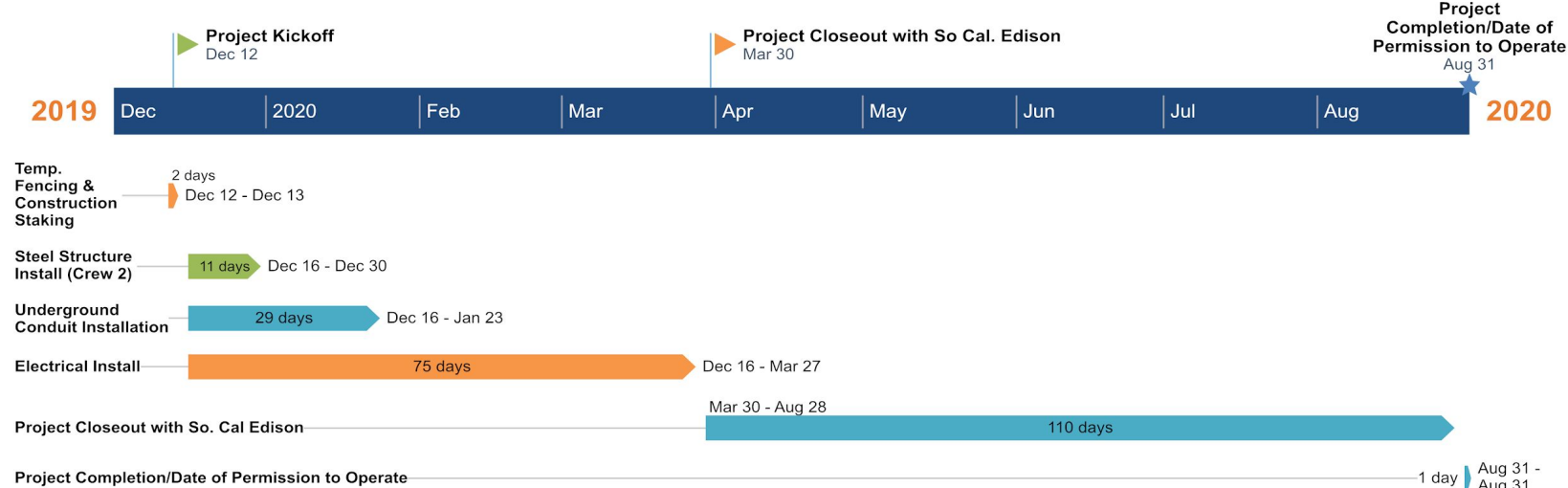
**Total Project: 184 days**

Solar Panels	Annual Energy Produced
306	164,729 kWh





# Beechwood Solar Project Construction Timeline

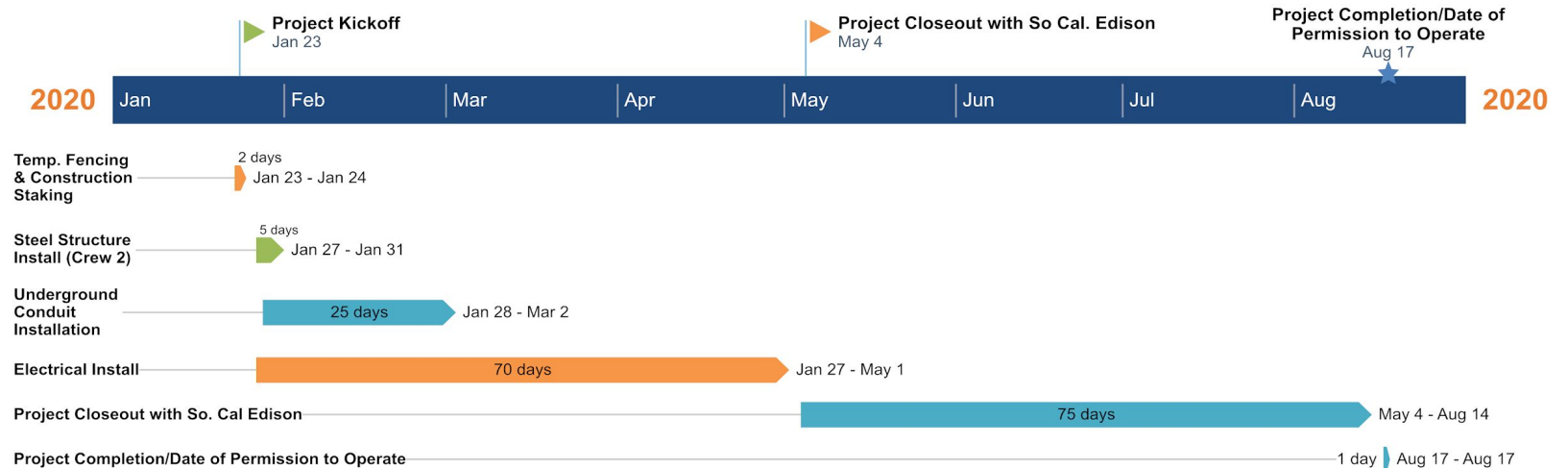


**Total Project: 228 days**

Solar Panels	Annual Energy Produced
438	242,607 kWh



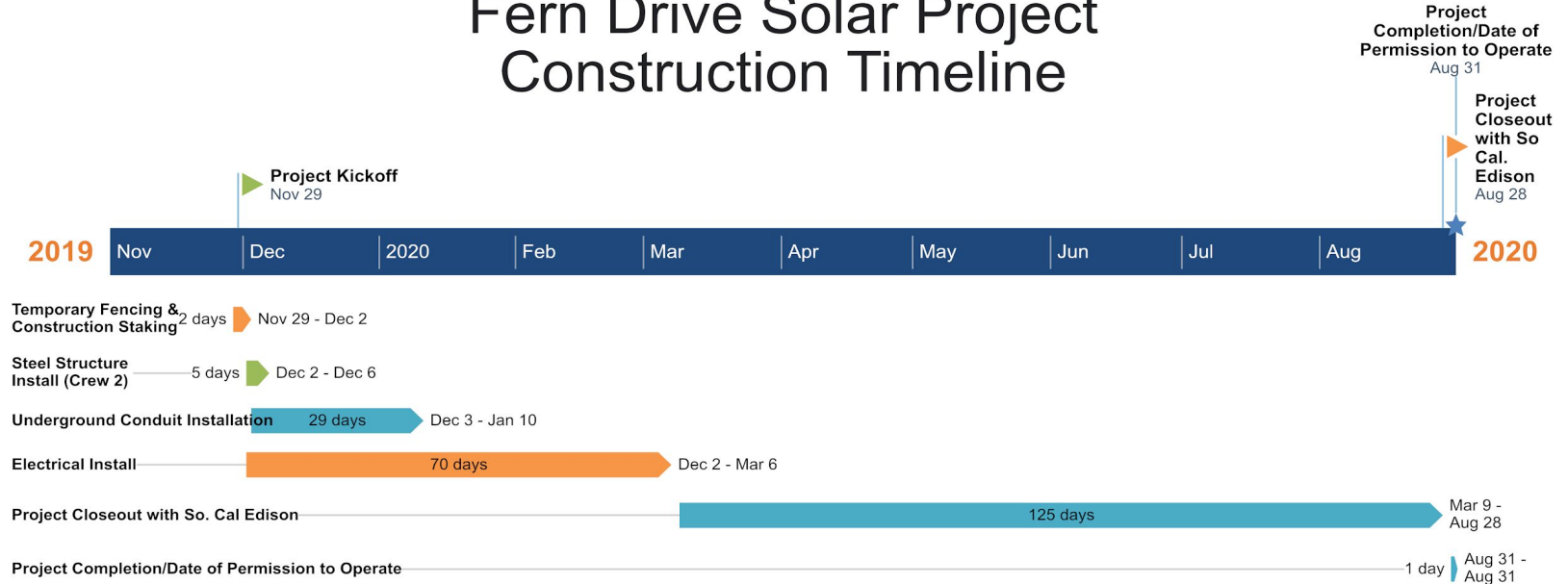
# Commonwealth Solar Project Construction Timeline



**Total Project: 178 days**

Solar Panels	Annual Energy Produced
324	180,215 kWh

# Fern Drive Solar Project Construction Timeline



**Total Project: 232 days**

	Solar Panels	Annual Energy Produced
<b>Total Project: 232 days</b>	216	128,196 kWh



# Fisler Solar Project Construction Timeline



Temp. Fencing & Construction Staking 2 days  
 Mar 5 - Mar 6

Steel Structure Install (Crew 1) 5 days  
 Mar 9 - Mar 13

Underground Conduit Installation 30 days  
 Mar 9 - Apr 17

Electrical Install 70 days  
 Mar 9 - Jun 12

Project Closeout with So. Cal Edison 37 days  
 Jun 15 - Aug 4

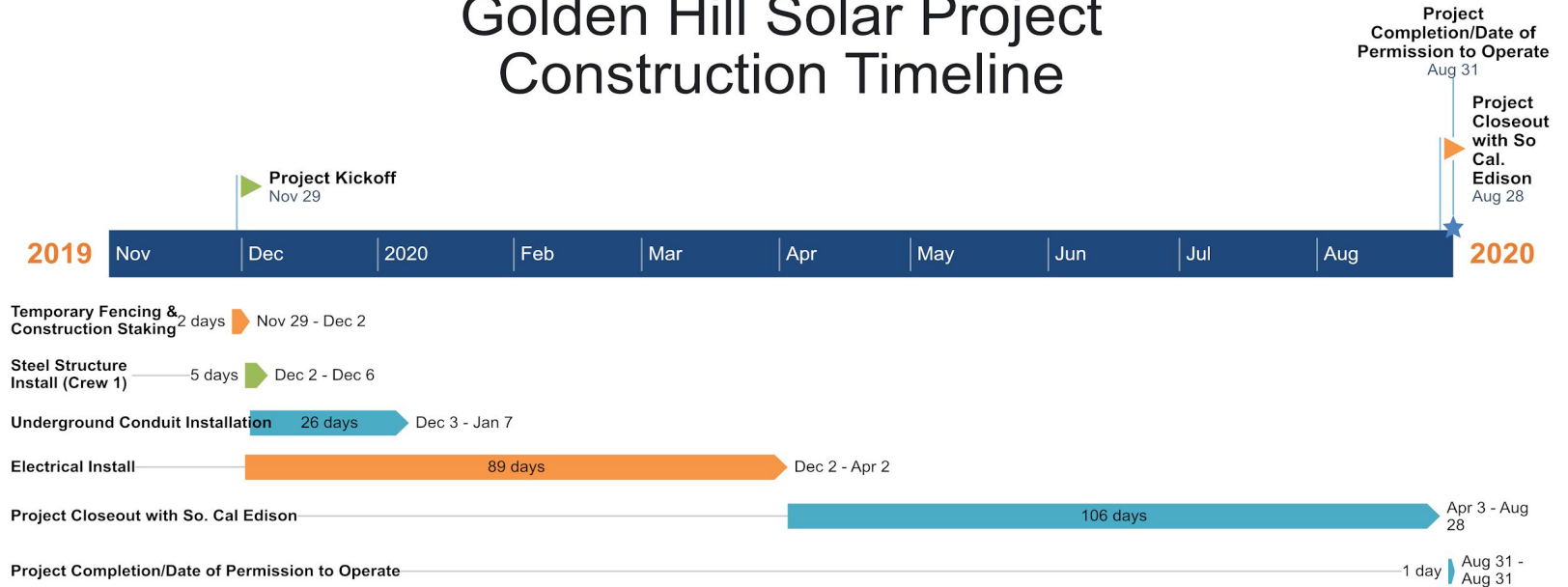
Project Completion/Date of Permission to Operate 1 day  
 Aug 7 - Aug 7

**Total Project: 145 days**

Solar Panels	Annual Energy Produced
474	374,744 kWh



# Golden Hill Solar Project Construction Timeline

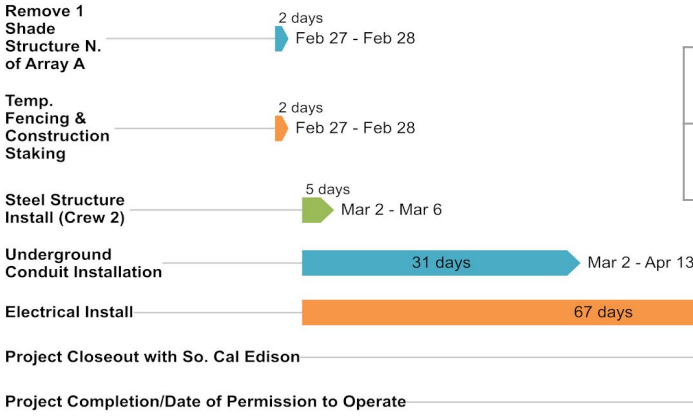
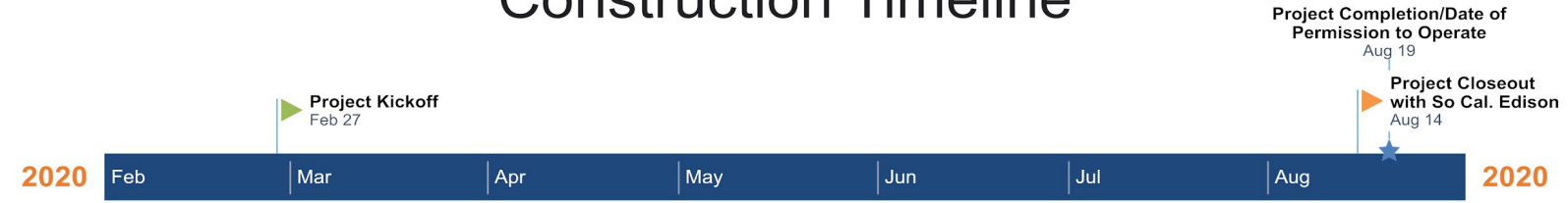


**Total Project: 229 days**

Solar Panels	Annual Energy Produced
312	191,830 kWh



# Hermosa Drive Solar Project Construction Timeline

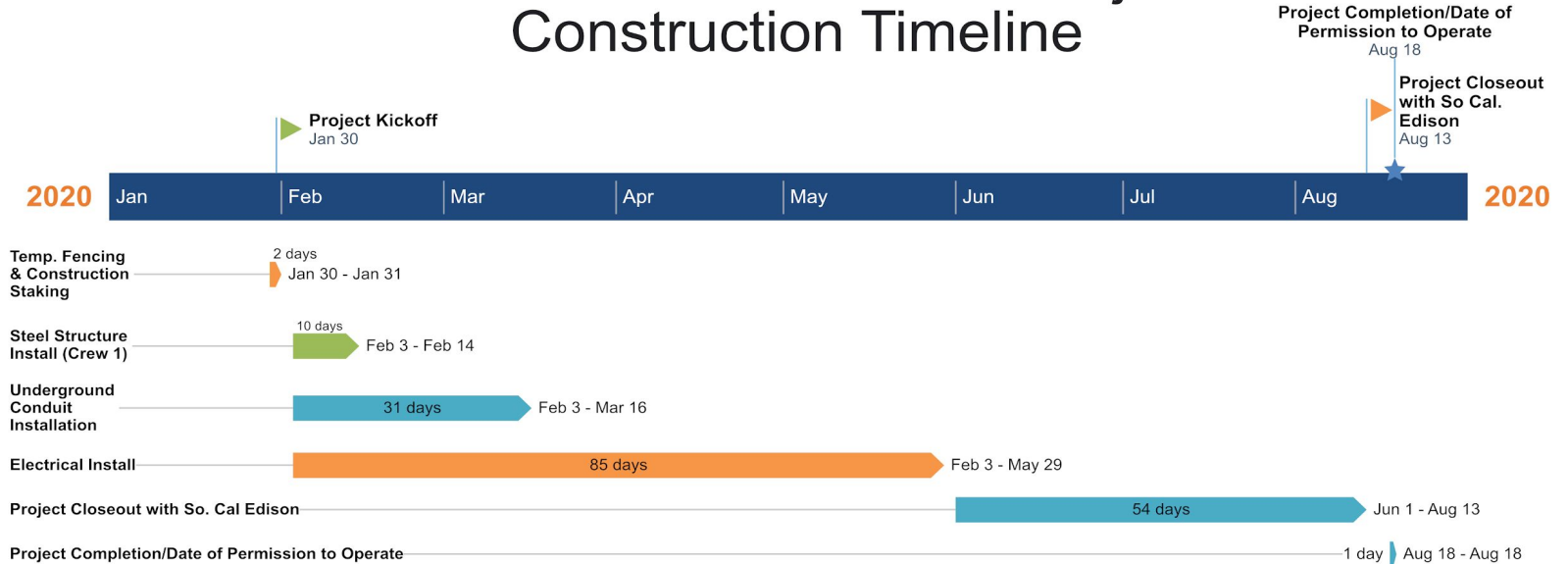


Solar Panels	Annual Energy Produced
258	142,755 kWh

**Total Project: 161 days**



# Ladera Vista JHS Solar Project Construction Timeline

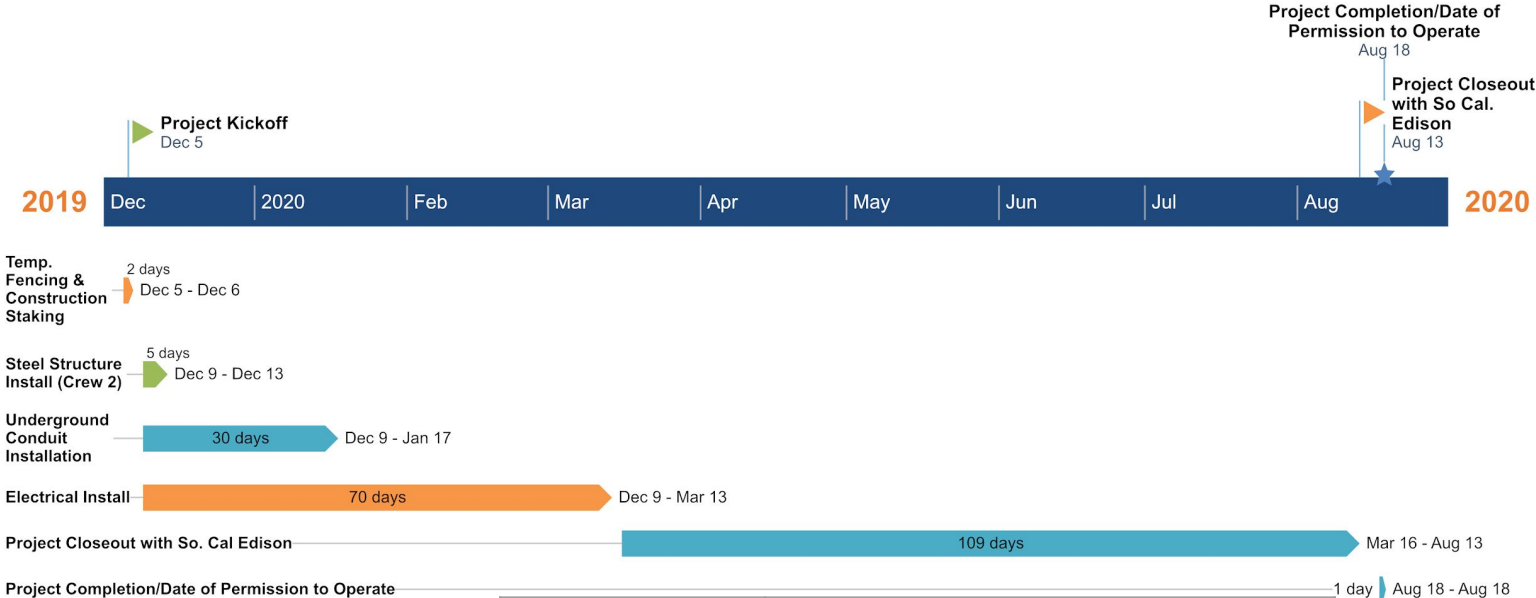


**Total Project: 226 days**

Solar Panels	Annual Energy Produced
720	393,333 kWh



# Laguna Road Solar Project Construction Timeline



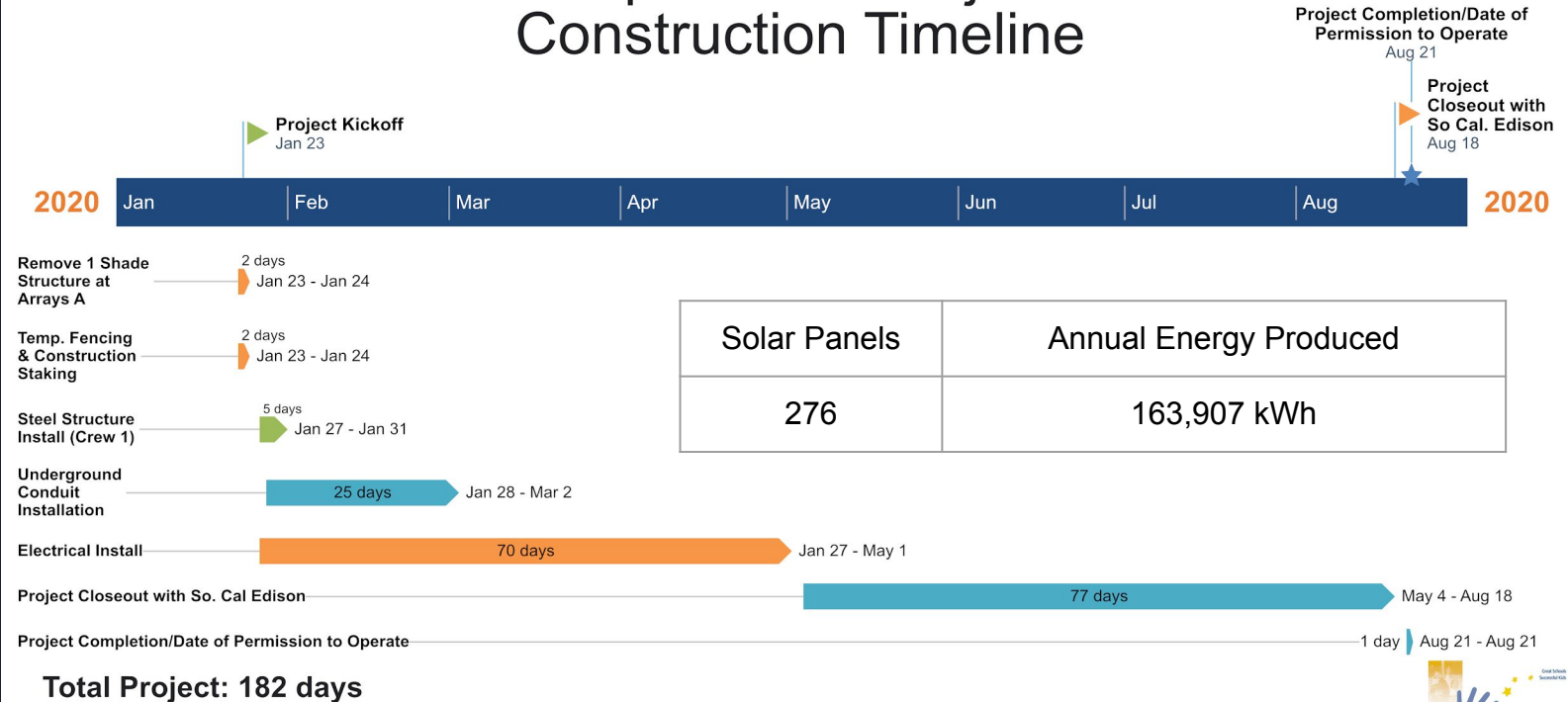
**Total Project: 217 days**

Solar Panels	Annual Energy Produced
360	210,119 kWh

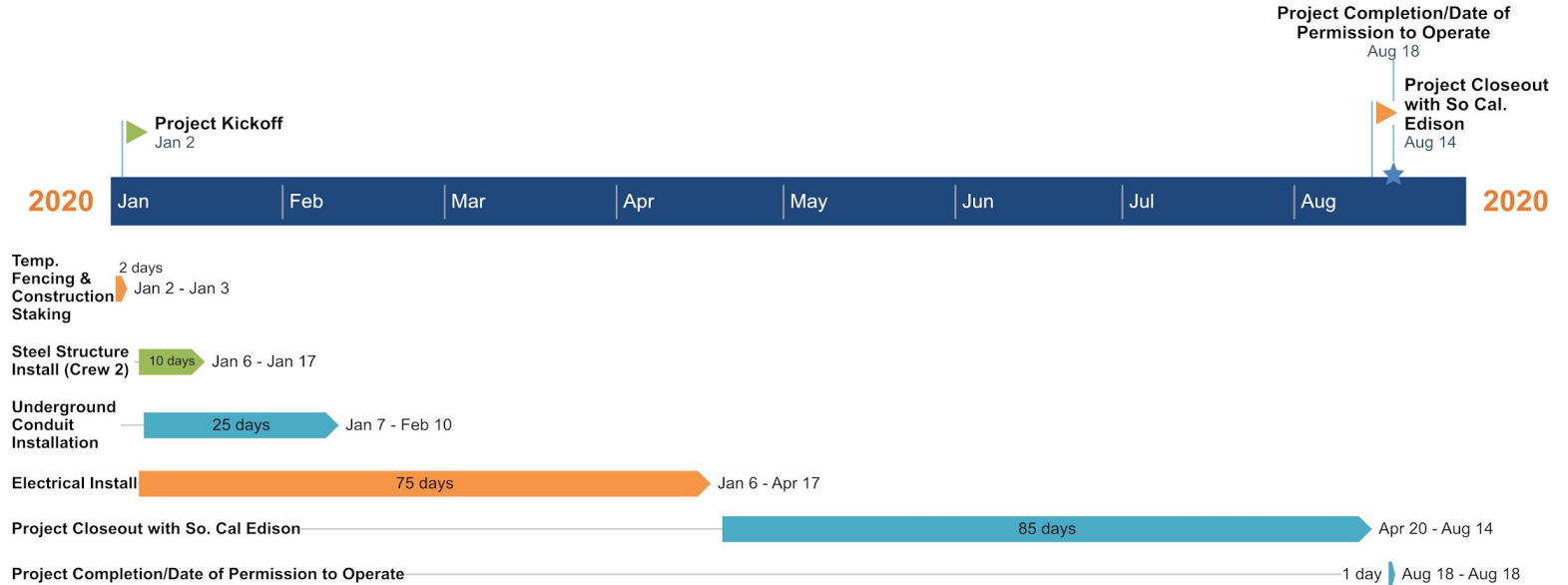




# Maple Solar Project Construction Timeline



## Nicolas JHS Solar Project Construction Timeline

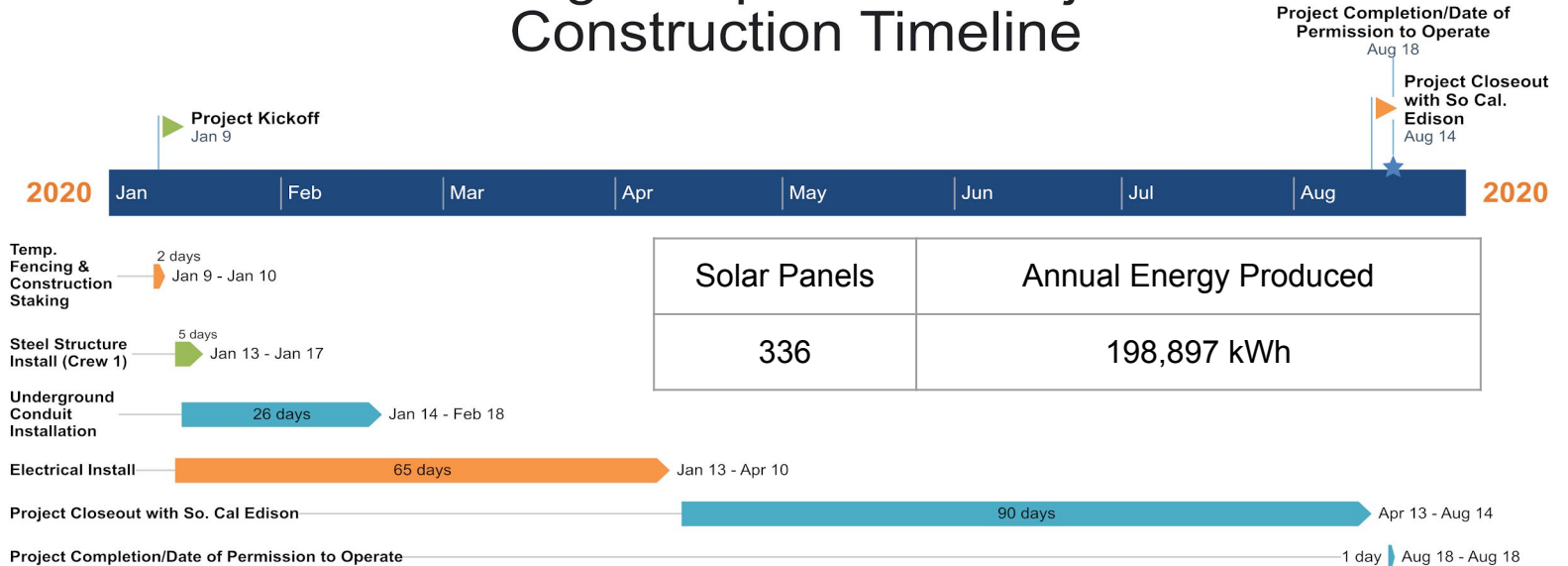


**Total Project: 198 days**

Solar Panels	Annual Energy Produced
450	277,906 kWh



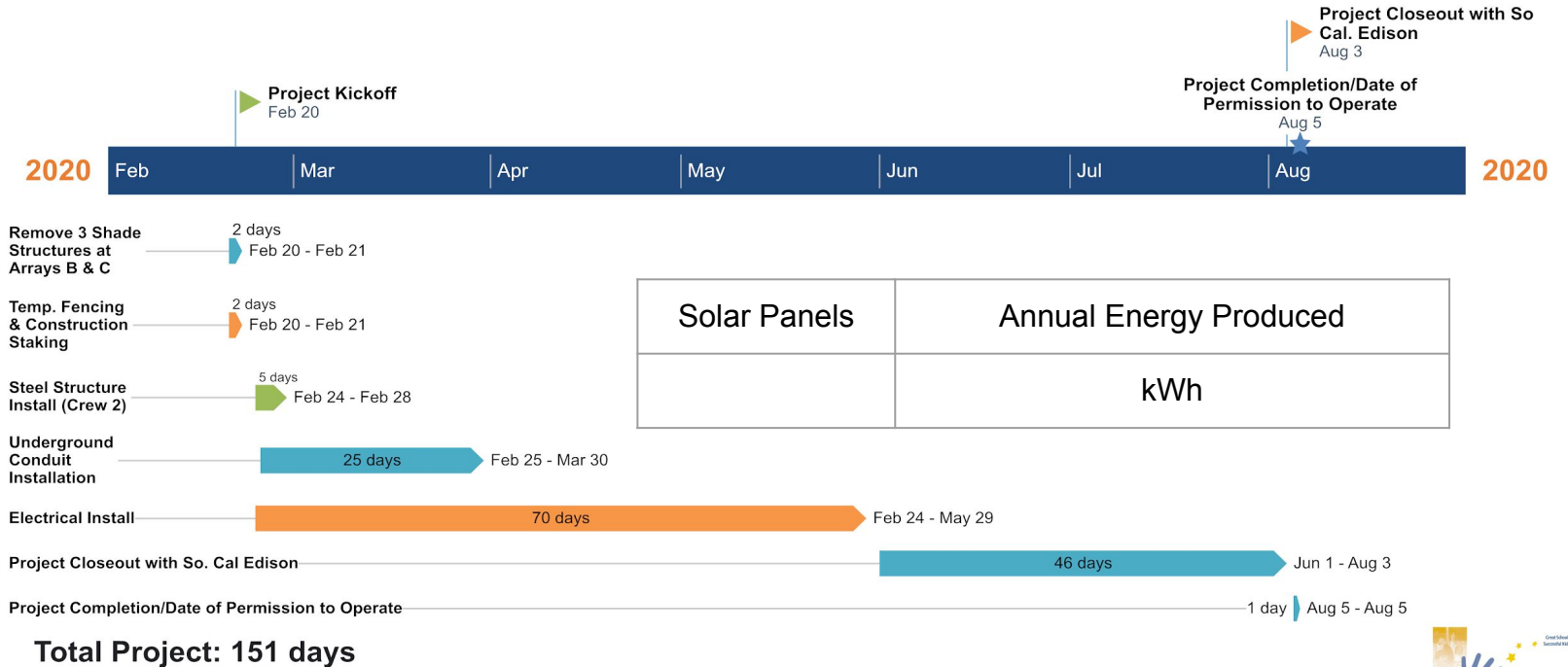
# Orangethorpe Solar Project Construction Timeline



Solar Panels	Annual Energy Produced
336	198,897 kWh

**Total Project: 189 days**

# Pacific Drive Solar Project Construction Timeline



# Parks JHS Solar Project Construction Timeline



Temp. Fencing & Construction Staking  
2 days  
Dec 5 - Dec 6

Steel Structure Install (Crew 1)  
10 days  
Dec 9 - Dec 20

Underground Conduit Installation  
28 days  
Dec 17 - Jan 23

Electrical Install  
75 days  
Dec 16 - Mar 27

Project Closeout with So. Cal Edison  
99 days  
Mar 30 - Aug 13

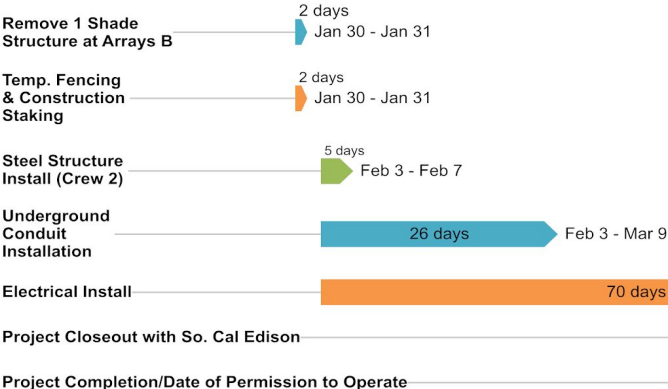
Project Completion/Date of Permission to Operate  
1 day  
Aug 17 - Aug 17

**Total Project: 215 days**

Solar Panels	Annual Energy Produced
522	278,372 kWh



# Raymond Solar Project Construction Timeline

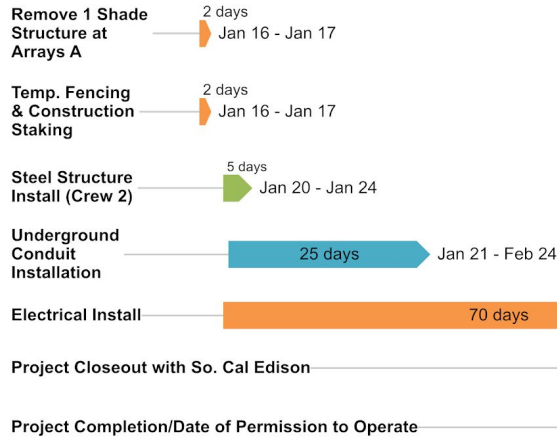


Solar Panels	Annual Energy Produced
252	155,704 kWh

**Total Project: 141 days**



# Richman Solar Project Construction Timeline

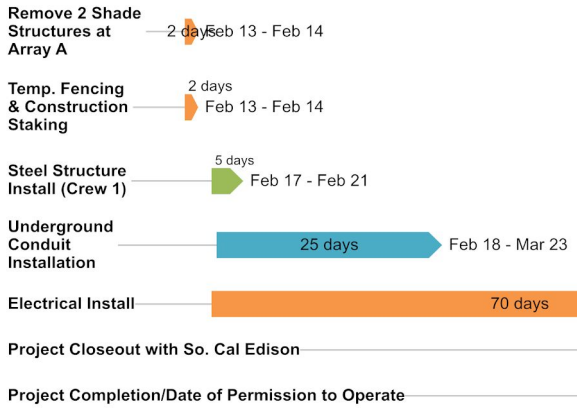


Solar Panels	Annual Energy Produced
420	264,657 kWh

**Total Project: 195 days**



# Rolling Hills Solar Project Construction Timeline



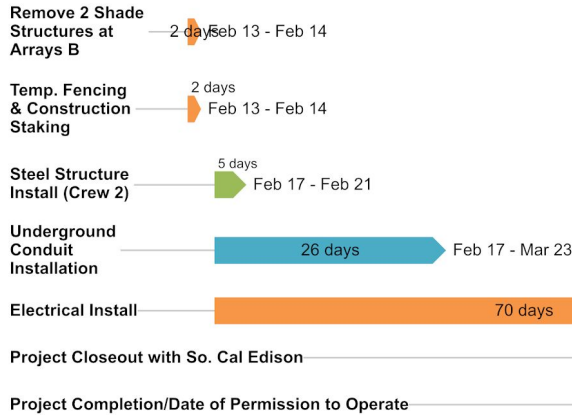
Solar Panels	Annual Energy Produced
330	196,562 kWh

**Total Project: 165 days**





# Sunset Lane Solar Project Construction Timeline

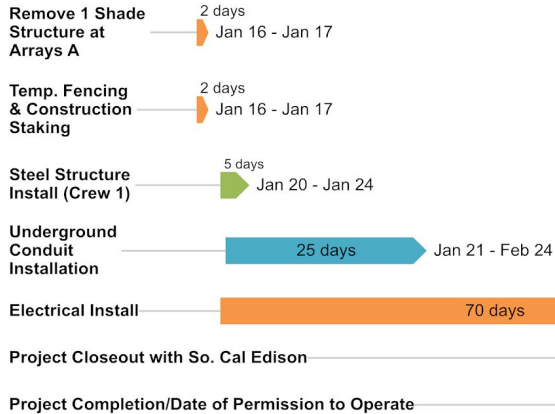


Solar Panels	Annual Energy Produced
360	197,737 kWh

**Total Project: 166 days**



# Valencia Park Solar Project Construction Timeline

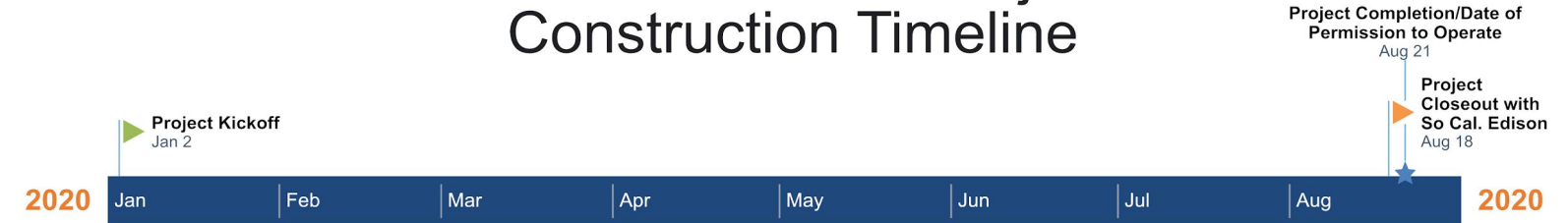


Solar Panels	Annual Energy Produced
306	209,873 kWh

**Total Project: 185 days**



# Woodcrest Solar Project Construction Timeline

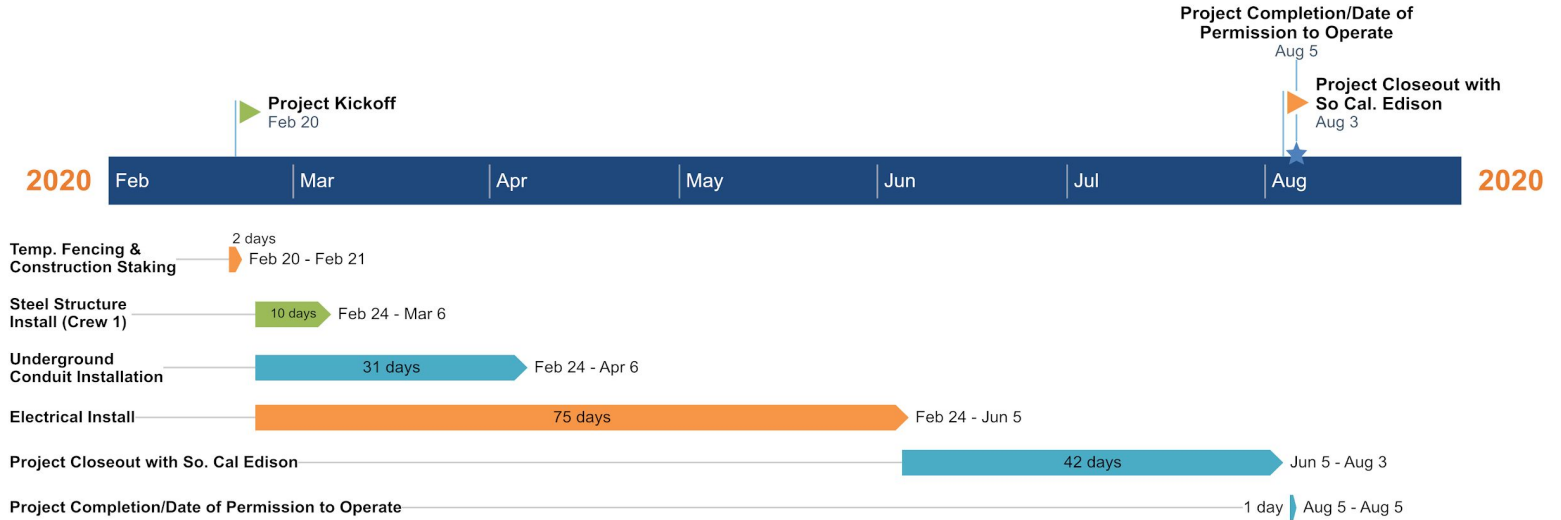


Solar Panels	Annual Energy Produced
288	196,558 kWh

**Total Project: 195 days**



# District Office Solar Project Construction Timeline



**Total Project: 161 days**

Solar Panels	Annual Energy Produced
	kWh

