

# Solar PV



**CRAFTON HILLS**  
COLLEGE

## Sustainability Features

- Upgraded to a fixed tilt ground-mounted solar PV panel system with a capacity of 2344.4 kW-DC.
- SunPower's Maxeon Gen 5 cells deliver 60% more energy over 25 years compared to conventional solar panels.
- The Tesla Megapack Battery has a size of 767 kW/3080 kWh/4-hours, enhancing energy storage capabilities.
- First-year solar energy production expected at 4,100,000 kWh.
- Long-term production projected at over 100,967,255 kWh over 25 years.

**Project:** Solar Farm Upgrade

**Project Cost:** \$8.4M

**Acres:** 5.2 acres

**Delivery Method:** Design-Build

**Contractor:** TotalEnergies Renewables USA, LLC

**Construction Manager:** Kitchell

**Project Manager:** AECOM

**Project Status:** Substantial Completion

**Start of Construction:** Jun 2021

**Project Completion:** Sep 2024

**Local Hire:** 95%

**Project Goal:** Achieve net-zero energy status and lead by example in environmental stewardship by upgrading Crafton Hills College's solar infrastructure with expanded renewable generation capacity and integrated battery storage.

