

# CASE STUDY



## LONG LIFE FARMS

Specialty Crop Farms  
Thermal, CA

Ground-Mounted Fixed-Tilt Solar  
\$6M Lifetime Electricity Production  
897 kW System Capacity

**70% Energy Offset**

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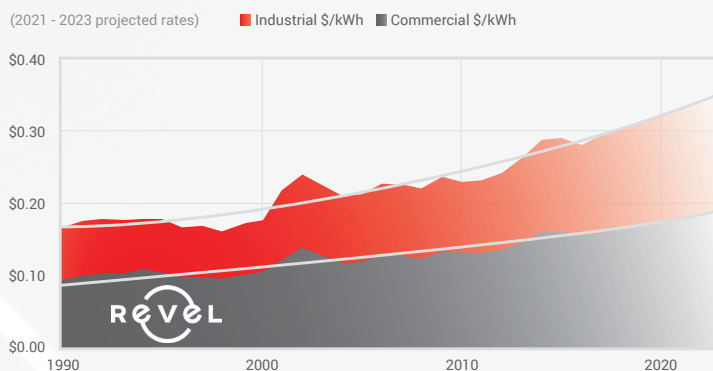


## AGRICULTURAL SOLAR INSTALLATION, AN IMPORTANT RENEWABLE ENERGY SOURCE FOR THESE SPECIALTY CROP FARMS.

Long Life Farms in Thermal, California the largest US grower of Asian specialty crops. Paying some of the highest electricity rates in the country, as their operation grew, so did their electricity needs.

Historically California businesses have experienced the highest electricity rate growth in the country. In recent years many California businesses have seen their rates more than double.

### 1990 - 2020 Historical CA C&I Energy Rates



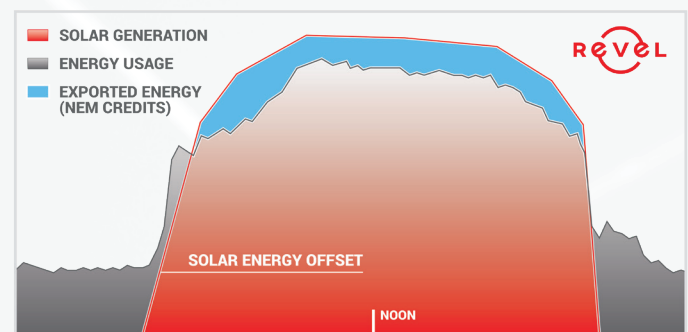
Long Life Farms decided not to allow a utility to dictate their electricity costs – giving way to multiple phases of agricultural solar installations.

Project managers worked with Thermal and Riverside County authorities and code enforcement along the way to collect the necessary certifications.

The phase three system is spread out over two locations totaling almost 2,400 panels. The DC power is converted to usable AC over 13 inverters.

Estimated annual power generation is 1.6 million kilowatt-hours, saving the farm an additional \$200,000 or more in electricity costs each year. The new addition is projected to save more than \$6 million in electricity costs over the lifespan of the system.

Taking advantage of multiple benefits and programs like the Solar Investment Tax Credit (ITC) and Net Energy Metering Aggregate (NEMA), Long Life's new system offsets 70% of their electricity use by earning credits for overproduction during the day that pays for use at night when the system isn't producing.



The third phase makes up 45% of Long Life Farms' entire agricultural solar system. With a combined system size of over 2 megawatts, the first two phases were developed in recent years as their operation expanded, the third phase was the final planned installment.

Revel Energy's team of commercial and agricultural solar specialists offer turnkey solutions for California businesses to lower their electricity costs ultimately increasing cash flow.

For a free comprehensive analysis contact a revel energy solar specialist today.

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