

CASE STUDY

BR Samran Farms



BR Samran Farms, a regional grower of almonds, grapes, and pistachios, in Madera, California, is one of many local area growers that discovered how solar power can help them reap huge savings by harvesting energy from the sun.



Like many farmers in the region, the Samran family was increasingly impressed with the promise of solar – a clean power technology that delivers:



Dramatic monthly utility bill savings



Protection against future rate increases



True energy independence



Measurable environmental savings

CUSTOMER BENEFITS

146.88 KW

System Size (2 systems)

\$1,509,481

25-Year Projected Savings

CONTRACTOR BENEFITS

\$110,720

Hard Cost Savings

QUICK FACTS

LOCATION:

- Madera, CA

INSTALLER:

- AgWell Solar

PRODUCTS:

- Osprey PowerPlatform® Ground Mount Systems
- Canadian Solar 340W Mono Modules
- Tabuchi 25kW EMVAS Inverters

STORY

Inder Samran of BR Samran Farms spent about 3 years researching solar before deciding to pull the trigger. He eventually chose AgWell Solar when a family member invited him to participate in a “Solar Alliance” energy cooperative. The AgWell Solar team provided in-depth analysis of on-farm energy use and recommended a system that took into account the reduction of energy use due to water efficiency improvements that Samran was planning: soil moisture sensors on every block, flow meters at every pump, variable frequency drives (VFDs), and water automation. By combining solar and water use efficiency, growers like BR Samran Ranch can maximize savings by first lowering their total on-farm energy use, then sizing their solar system to offset their adjusted lower amount.

OSPREY POWERPLATFORM® ADVANTAGE

Lower cost and shorter payback period: under 5 years



Would You Like to See Similar Results?

Nuance Energy’s Osprey PowerPlatform is a proprietary ground-mounted racking system that has revolutionized the solar industry – both in terms of cost and time.

Unlike with standard ground-mounted solar solutions, Osprey’s modular design eliminates:

- Costly excavations
- Expensive machinery
- Skilled labor¹
- Geotechnical reports²

Real-time soil verification and load (pull) test is achieved through proprietary use of earth anchors that act like underground toggle bolts to secure the Osprey PowerPlatform to the ground.

A site specific Structural Calculation and Engineering Report complete with vertical and lateral analysis (dead load, live load, wind load and seismic load, etc.) is provided.

¹May not be applicable under certain instances (i.e., union labor wages).
²In atypical soil conditions, a geotechnical report may be advisable.

To learn more about this revolutionary solar mounting technology, contact Nuance Energy for a free consultation: **877.537.2221**

