



*“AgMonitor helped us increase food production per unit of inputs, while being responsible for our impacts to the environment (water precision) and to communities (demand on the energy grid).”*

CARL EVERS III, PRESIDENT OF OPERATIONS AT AGIS PROPERTY MANAGEMENT

## RESULTS

- ✓ One-stop place to manage all energy and water data
- ✓ Alerts when pumps are used during peak hours or solar production is low
- ✓ Weekly irrigation precision reports across properties
- ✓ Monthly water records for ground and surface water
- ✓ Dashboard with water cost saving, and GHG emissions
- ✓ Decision-support platform across vineyards & orchards in California & Washington

Within a few months, the accuracy of our irrigation program was well over 90 percent and we nearly eliminated the use of energy during peak prices.



## CUSTOMER CASE STUDY



**Experienced agricultural investment team deployed AgMonitor platform across portfolio in CA and WA**

### The Challenge

Carl Evers, the Director of Sustainability was looking for a platform to track resource efficiency projects and capture necessary data for regulatory compliance. He met the founder of AGMonitor at UCSB and found the approach to optimize both operational efficiency (cost savings) and resource efficiency (conservation) refreshing. He tried a pilot in Tehama County (500 acres) and deployed the platform across 10,000 acres over 3 years. He was promoted President of Operations.

### The Solution

AgMonitor integrated all the SmartMeter energy data and other data providers in one place. This allowed the Director of Sustainability to capture water data across all properties and assess water risk as Sustainable Grounwater Management Act was implemented.

The accounting staff worked with Ranch Manager to adjust electricity rates and implement Permanent Load Shifting. This led to a reduction of utility bills by 30%. At one site, the installation of a solar further reduced the pumping cost of electric pumps below diesel pumps

Ranch Managers improved the precision of irrigation from 70% to 85% across properties. This reduced alternate bearing at olive orchards significantly and improved oil production by 20%. It also improved water use efficiency across almond orchards.

*“With the improvements in irrigation precision, our clients’ farms can continue to improve their yield performance while reducing input costs. This junction of environmental, efficiency and performance improvement is exactly what sustainable farming is about.”*