



“PG&E and AgMonitor worked together to quickly map all our energy assets. Our team uses the online tool to track changes and optimize our utility rates under NEMA every year. Our solar investment was critical to offset inflation and reduce operational costs.”

JON WIERSMA, GENERAL MANAGER AT HENRY MILLER RECLAMATION DISTRICT

RESULTS

- ✓ One-stop place to manage all energy and water assets
- ✓ Utility rate adjustments across solar “NEMA” group
- ✓ What if scenarios to see the benefits of Permanent Load Shifting (PLS) or DSGS
- ✓ Integration of LoRa network with Pumpsight to support local growers in the district
- ✓ Field day with vendors and also Mobile Energy Lab
- ✓ Text alerts & weekly solar reports to maintain assets
- ✓ Monthly accounting report and solar ROI estimations



CUSTOMER CASE STUDY

Reclamation District streamlines reporting with PG&E & improves Solar ROI by 30% with AgMonitor

The Challenge

Henry Miller Reclamation District (No 2131) wanted to have all its energy assets on one system and to look at their solar investment. Because HMRD was able to deploy a large solar array (over 1.5 MW) to offset 80 PG&E meters. It was larger than the maximum number of meters that PG&E allowed at the time.

The Solution

The Strategic Account Manager at PG&E thought of AgMonitor. He organized a call and AgMonitor pulled in the meter location from PG&E and the historical energy data via GreenButton. That saved a lot of time for HMRD; they were able then to compare with their water data-base. The General Manager was impressed with the ability of the two partners to quickly create a GIS map online that captured all their energy assets under the **RanchMonitor™** product.

While PG&E solved limitations on the number of meters under for the largest Net Energy Metering Aggregation (NEMA) group in the state, AgMonitor worked with District staff to verify the assets in the field. It also updated the utility rates under NEM2. HMRD saved \$75,000 the first year and was able to optimize its NEMA group each year, rain or shine. Between 2021 and 2025, the solar investment has been crucial to offset inflation: the cost remained below 15 cents while a meter outside the NEMA group doubled to 30 cents per kWh.

HMRD also decided to host a Low Radio (LoRa) frequency network to track water depth at key wells, and also help farms in the District track daily water use for irrigation. They use the **PumpMonitor™** product.

