



SUSTAINABILITY:

As it becomes increasingly necessary to exercise social and environmental responsibility, Martin Ray has taken the initiative to implement many sustainable business practices. We take pride in these steps to join with the ranks of many other winegrowers, wineries, and businesses locally and globally to reduce our consumption of resources, increase our use of renewable energy, and reuse/recycle wherever possible.

The Sonoma County Winegrowers Association has developed a program to encourage all wineries and vineyards to operate sustainably within 5 years. Martin Ray has joined this coalition and has recently passed its first third-party sustainability audit. We are very proud of this achievement and will continue our work toward 100% sustainability. For more information on the initiative: <http://www.sonomawinegrape.org/sustainability>

As part of our continued renovation of our historic winery, Martin Ray has made many upgrades to the facility with sustainability in mind:

- Our solar energy system supplies over 80% of the winery's power.
- Winery cellar lighting is motion sensitive (lights off in dormant areas), and we are continuing to upgrade to LED lighting in all buildings.
- Electrical transformers have been updated and we are converting production equipment to more efficient 440v power. All crush equipment and refrigeration are now modified with VFD's (Variable Frequency Drives) which use power more efficiently.
- Our gray water collection pond has been recently upgraded to better treat winery wastewater through aeration and filtration, and much of it is being reused for landscape irrigation. This is particularly important in this time of drought.
- The piping that moves glycol throughout the winery to chill and warm tanks for fermentation and storage has been insulated for efficiency, as well as the tanks themselves to help maintain temperature with minimal energy consumption.
- Our inert Nitrogen is generated on-site which doesn't require compressed gas deliveries by truck.
- All grape processing pomace (stems, seeds, skins) is recycled into vineyard and landscaping compost.

Martin Ray is genuine in the commitment to minimize our impact on the environment, and to continue making progress toward the common goal of Sonoma County becoming a 100% sustainable winery region.

Lindsey Haughton
Winemaker