

# Growing Green

*at Crawford Beck Vineyard*  
Northern Willamette Valley

Crawford Beck Vineyard is dedicated to the production of ultra-premium winegrapes – pinot noir, chardonnay, and pinot gris – by the highest standards of sustainable farming. Their commitment to the ecosystem led them to the installation of a 17.3 kW, ground-mount solar power system in 2008.

The system was sized to meet 95-100% of the Crawford Beck Vineyard farm's electrical energy needs. The calculations have turned out to be correct.

*"Our net energy draw from the grid has been minimal and we expect that to continue to be the case,"* said David Beck, partner.

Crawford Beck partnered with Sunergy Systems to install the system with help from a renewable energy system grant through the Rural Development Program of the United States Department of Agriculture.

The system is connected to the grid through a net-metering agreement with Portland General Electric which means that the vineyard only pays for a small amount of energy they pull from the grid.



*The PV system that Sunergy installed for us has performed flawlessly and according to specs since it was turned on.*

*- David Beck, Crawford Beck Vineyard*



# Crawford Beck Vineyard



*The design and installation team was professional, knowledgeable, and efficient. We feel very strongly about assuring the ecological and financial sustainability of our farm, and the PV array is a keystone of that goal.*

*- David Beck, Crawford Beck Vineyard*

Beck went on to say, "We recommend strongly that any new PV system be spec'ed to incorporate an integrated website reporting system. The system that we chose incorporates a web box that allows continuous monitoring of the PV array and display of that performance on our business website. We firmly recommend that future installations be required to include a similar web-based reporting system for the energy device. We have seen several installations without a similar device and the owners have no instantaneous and up-to-date information about performance and production."

**Are you interested in installing a solar electric or solar water heating system on your home or business? Contact Sunergy Systems for an on-site evaluation from one of our Solar Design Consultants today.**

