

Norwin A/S Commissions Petaluma, California Wind Turbine

(EMAILWIRE.COM, June 13, 2009) Petaluma, California - Murphy International Development Corporation and it's Norwin America LLC, Wind Turbine Manufacturer, with principle facilities in Roskilde, Denmark, has commissioned a 29-Stall-225 Kw Wind Turbine in Petaluma, California. Norwin's pioneering client is the McEvoy Ranch, renowned for its award winning Tuscany Olive Oil and Nursery. The project was designed to replace all propane on the ranch with electricity. Tom Williard, of Sustainergy Systems, based in Inverness, California, and manager of the McEvoy Ranch wind project, notes the 148 feet tall and 225 kW Norwin turbine will meet the existing electricity demand of the ranch, including powering its olive oil mill. Construction support for the project was provided by enXco and Morita Construction, also California based companies. A dedication event was hosted by the McEvoy Ranch on June 10,2009 where they debuted their Limited Edition 2009 olive oil with a new [wind turbine](#) label.



Petaluma, California Wind Turbine



McEvoy Ranch

Since its inception McEvoy Ranch has been focused on organic, sustainable agricultural practices. The windmill project is a logical extension of these practices, allowing McEvoy to cleanly generate the energy consumed in the production of their certified organic products while reducing the overall impact to the environment. The windmill will reduce atmospheric greenhouse gas emissions by as much as 218 tons each year up to 10,920,000 lbs of CO2 during the life of the windmill. Switching to [renewable energy](#) - has helped McEvoy Ranch to become a more sustainable operation. And by being an organic producer, McEvoy Ranch is taking responsibility for what happens beyond its borders.

The major design elements for this project included: Windmill Site Selection, Windmill Type & Size, Avian Impact, neighborhood consensus, net metering, and Acoustic Modeling. An analysis of the McEvoy project by County staff found no significant environmental impacts, and a 2006 Point Reyes Bird Observatory study concluded "negative impacts to raptor populations are unlikely." The McEvoy windmill is the second agricultural wind turbine to be approved and operating in Marin County. A 50 kW windmill has been generating power at Devil's Gulch Ranch in Nicasio for a year.

A good portion of the turbine was paid for in part by the California Self Generation Incentive Program (SGIP). This is the first one of these mid-scale industrial wind turbines going up at a [farm](#) in Marin County. The growing interest in cleaner forms of energy for environmental, economic, or political reasons have more people exploring on-site [wind power](#). By using mid-scale' wind turbines, farms, nurseries, ranches, cranberry bogs and many other agricultural and rural land owners will now be able to harvest a second crop - electricity - and economically feed it to hundreds of friends and neighbors. Existing operation doesn't have to change at all. These wind turbines use very little actual land area, allowing continued farming to provide the other much needed local agricultural products.

Norwin A/S has two lines of mid-scale commercial turbines from 225 to 750Kw'swith the smaller ones slightly less than 200-feet tall--rated at 225 kilowatts (Kw), aimed at organizations or communities that have an electricity bill of at least \$100,000 a year. The larger Norwin 750 kW turbines are workhorses, which also provide plenty of power for industrial parks, shopping centers, neighborhood net-metering, Green Communities, wind parks and more. Tied to the grid, these turbines cut electricity bills and give the purchaser a predictable cost of electricity, which can be very attractive to an organization like a school, municipality, farm or ranch.

Community wind and distributed generation are the fastest growing segments of the wind industry today. Norwin is a leader in these markets with turbines designed specifically for schools, universities, businesses, farms, municipalities and remote villages. With its years of operating success, reliable and quiet operation, and optimal performance even in modest wind regimes, the Norwin turbines are well positioned to support the unique needs of community wind applications. Norwin in 2009 licensed its turbines for manufacture in the U.S. by Aeronautica Wind Power in Plymouth Massachusetts.