



SOUTHEAST COLORADO RC & D

Resource Conservation and Development

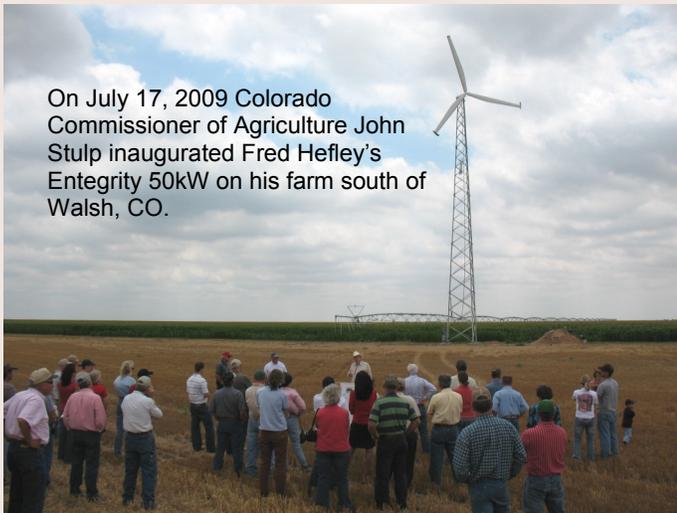
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"Granting ideas deserved opportunity"

Advancing Colorado's Renewable Energy Program

Pilot Program for Small Wind Turbine Installations on Agricultural Applications for Rural Eastern Colorado



On July 17, 2009 Colorado Commissioner of Agriculture John Stulp inaugurated Fred Hefley's Entegriety 50kW on his farm south of Walsh, CO.

Below: On October 29, 2008 Commissioner Stulp congratulated Dallas Gilbert of Bennet, CO for pioneering on-farm wind generation at his heritage poultry operation.

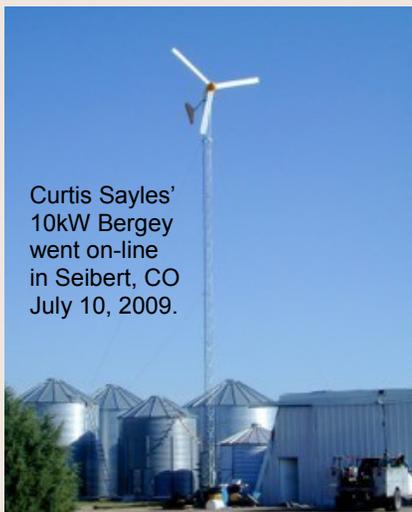


The Colorado Department of Agriculture (CDA) awarded a \$100,000 *Advancing Colorado's Renewable Energy (ACRE)* grant in 2008 to Southeast Colorado RC&D Council, and their partners: Baca County Conservation District (BCCD), Rocky Mountain Farmers Union (RMFU), and the International Center for Appropriate & Sustainable Technology (ICAST). It was a 3 year implementation grant to be completed in 2010 with a total budget of \$319,750.

Colorado Commissioner of Agriculture John Stulp spoke at an August 18, 2009 press conference, describing ACRE grants as being "designed to help rural communities in Colorado by developing agricultural energy related projects which benefit both agriculture and the environment." While neither wind nor wind generators are new to the Plains, the advanced technology of today used to convert wind energy to electricity is. Southeast Colorado RC&D Councilmen Kim Siefkas likened the award recipients to Columbus, striking out into the great unknown, and paving the way for others to follow.

The ACRE grant awarded to Southeast Colorado RC&D is a pilot project to demonstrate various sizes of wind turbines on a diverse set of agriculture applications across the Eastern Plains. Through a competitive application process experts in the wind technology industry selected five ag producers as award recipients. These five farm-scale wind energy projects have blazed the trail working with local rural electric providers and large power companies, while linking turbine companies with producers, and thus Advancing Colorado's Renewable Energy. These projects are the template for other ag producers to use as more farmers and ranchers step into the brave new world of small-scale wind generation for agriculture applications.

Producers received awards of up to 25% of the expected expenses on each project. All five turbines were spinning by the end of 2009. In Bennett, CO Dallas Gilbert with Eastern Plains Natural Food Co-op installed a 1.8kW Skystream at his heritage poultry operation. In Walsh, CO Fred and Kay Lynn Hefley are using their Entegriety 50kW turbine to help pump water for a center-pivot irrigation sprinkler. In Grover, CO Diane and Phil McKinley installed a 1.8kW Skystream for farmstead use, and to pump water for livestock on their cow/calf operation. In Holyoke, CO Paul Mailander's 20kW Jacobs is offsetting power for their farmstead as well as greenhouses used to grow vegetables. In Seibert, CO Curtis Sayles' 10kW Bergey is offsetting energy cost for their farmstead, feedlot and seed business.



Curtis Sayles' 10kW Bergey went on-line in Seibert, CO July 10, 2009.