

# the Wind Farmer

White Creek Project, LLC

Newsletter

July 2006

"We believe that 'farming' the wind holds great promise for rural economic development. These environmentally friendly projects are the world's fastest growing form of power generation. There are great benefits for the local tax base, local employment, local subcontracting, local purchasing, and particularly for landowners where the wind turbines will be located. Our neighborhood has the best wind resource in the Northwest, and the timing for developing this clean power source couldn't be more fortuitous."

Look out!



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The stake is in the ground! Here we come!

One of the White Creek turbine stakes. In the distance is the PPM Energy Big Horn wind farm.

The White Creek 200 MW wind project is gearing up for site work to begin later this year. The exact location for each Siemen's 2.3 MW turbine has been finalized, surveyed, and staked.

**Balance of Plant (BOP)** On June 6<sup>th</sup>, the RES American Construction, Inc. (RES) team was introduced to the landowners who are participating in the White Creek wind project. Chris Hill, RES director of projects, and Claus Larsen, RES project site supervisor, impressed the landowners with their wind

knowledge and expertise. No question went unanswered. The responses made the landowners at ease and anxious to move forward with the project. Chris and Claus are finishing-up on the Wild Horse Ellensburg wind project and should be regulars to our area by this summer.

RES also will be responsible for overseeing the construction of the O&M facility. SM Andersen (SMA) was awarded the bid to construct the building. SMA built a similar structure at the Klondike wind farm in

Sherman County, Oregon. The O&M facility will be “dry” by the end of this year and ready for occupancy mid first quarter 2007.

**Project Schedule**

The Siemens 2.3 MW turbines will begin arriving at the project site during June 2007. By the time construction is completed, targeted for October 2007, more than 870 truckloads of wind turbine components will have been delivered to the White Creek wind farm. Each of the 87 Siemens turbines will have three tower sections that have a total height of 80 meters or 262 feet. The nacelle and gearbox will weigh in at a hefty 90 tons. The three blades connected to the hub that drive the gearbox are each 43 meters or 141 feet long. Total height of the wind turbine measured to the tip of the blade will be 403 feet.

Construction on over 20 miles of site roads will begin mid-year this year. These site roads will be built by RES adjacent to the turbine towers and will also provide the farmers with year-round access to their fields. RES is in the process of evaluating the bids and awarding the contract.

The crane pad and foundation work could start as early as spring 2007, weather permitting. Each turbine foundation will consume some 80 cubic yards or 400,000 lbs. of concrete. The foundations will be the “can” design, approximately 30-35 feet deep and 16-17 feet in diameter. The concrete batch plant will be located on site producing some 7,000 cubic yards.

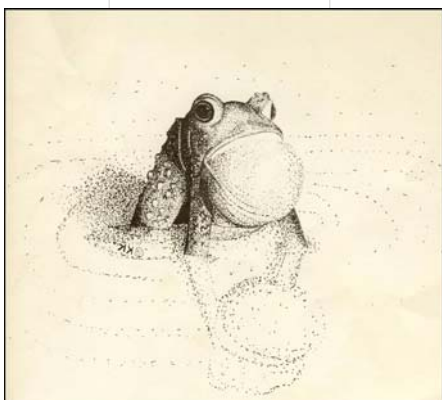
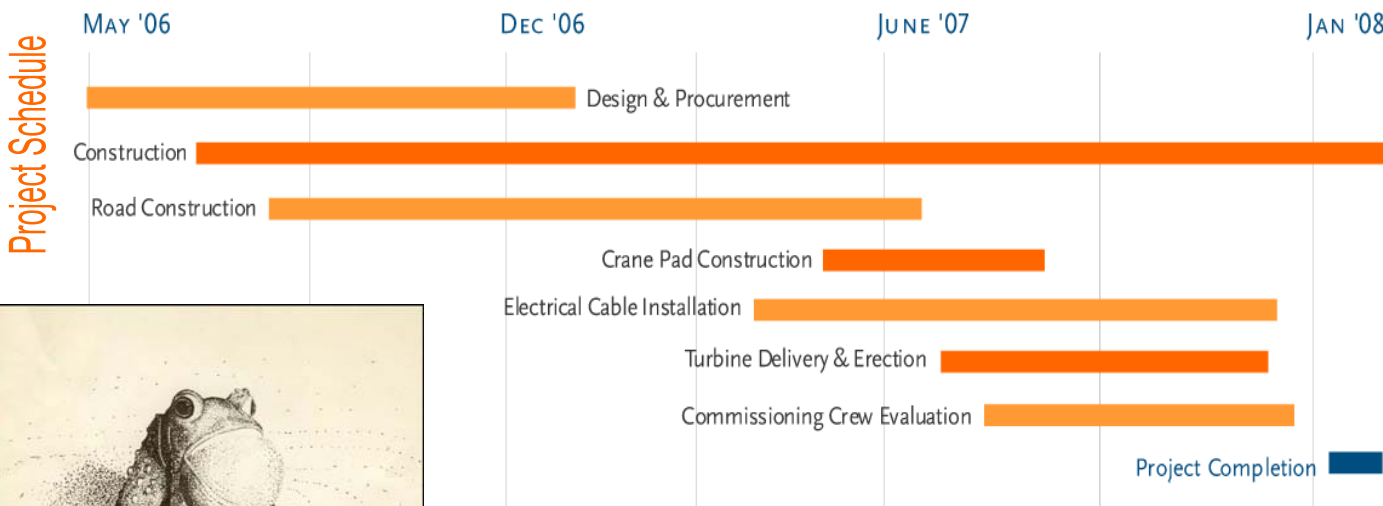
County road improvements for deliveries and access to the site are scheduled to begin August 2006 with completion scheduled for October 2006.



**Dot Road before her facelift**



**Electricity Generation**



It was a wet spring, and there were frogs. Toad sketch donated by artist Karen Kronner, NWC, Inc. Future issues of The Wind Farmer will include drawing and photographs by Karen Kronner, NWC, Inc./©Kronner Custom Photos.