

## Renewable Energy Action Plan Tasks

WORKING DRAFT - (5-5-06)

	<b>Wind:</b>	<b>Purpose and Context</b>	<b>Status</b>
<b>49</b>	Work with BPA to use the federal hydropower system and BPA's new wind integration services to reduce the cost of energy to customers.		Because of salmon-related operational changes in 2005, BPA had to withdraw its Wind Integration Service to public power customers and its Storage and Shaping Service to other utilities and entities. Once a final decision is made, BPA expects to offer another program to help manage the intermittent nature of wind energy resources.
<b>50</b>	Help develop a project to collect wind characteristics data at ten sites throughout the state, and make them publicly available, to help community and locally owned wind farm developments as well as large-scale wind farm development and wind energy integration with the grid, if funds become available. Oregon State University would manage such a program.	Much of the initial wind farm development along the Columbia River area was based on long-term wind speed data collected by BPA. There is currently no program to expand such a monitoring system to other parts of the state.	BPA continues its long-term monitoring program, primarily located in Northcentral and NE Oregon. It recently expanded its system for short term wind forecasting in this area. In the same area, four farmers have received USDA Value-Added grants in 2005 to install and monitor the wind resource with 50 meter towers donated by the Energy Trust of Oregon. Data will be collected for about a year and publicly available from OSU. Several other farmers will apply for these grants in 2006. ODOE and Lake county will install a 50 meter tower SW of Adel in the spring of 2006 for a one year data collection project. No funds available for a long term monitoring program yet (leaving towers at the same site for many years).
<b>51</b>	Work with BPA and others to expand the anemometer loan program that is currently offered by the Energy Trust.		BPA ran an anemometer loan program for its customers, but because of high overhead cost, eliminated the program some years ago. No plans to revive this program at this time.