



**BPA Wind Integration Team Initiatives
Update to WIT E-mail List
January 29, 2010**

This is the regular monthly update on BPA's Wind Integration Team initiatives for the month of January 2010. If you have questions about any of these initiatives, contact Eric King, WIT project manager, at 503-230-5236.

Intra-hour schedules accumulating: Through January 21, 20 half-hour schedules totaling 648 megawatts had been transferred over BPA's transmission grid under the intra-hour scheduling pilot. Individual transactions have ranged from two to 100 megawatts. The pilot runs through March.

Wind forecasting system development on schedule: All 14 new BPA meteorological sites are now streaming data into BPA's system control center and to wind projects. The [data](#) is publicly available.

Wind notes beyond the WIT:

- A new posted slide set, [Solving the Wind Integration Puzzle](#), from Elliot Mainzer, BPA Executive VP, Corporate Strategy, provides an overview of current BPA wind integration efforts.
- The Northwest Wind Integration Forum Steering Committee has posted draft [Recommended Follow-on Actions to the 2007 Northwest Wind Integration Action Plan](#), based on discussions at the Northwest Wind Integration Forum meeting in December 2009. The public [Northwest Wind Integration Forum](#) is co-sponsored by the Northwest Power and Conservation Council and BPA.
- A [Federal Energy Regulatory Commission Notice of Inquiry](#) issued Jan. 21 seeks comment on perceived barrier and suggested solutions to integrating large amounts of integrating variable energy resources into the electric grid in a reliable and efficient manner. Comments are due to FERC by March 29, 2010.
- A Department of Energy National Renewable Energy Laboratory [Eastern Wind Integration and Transmission Study](#) suggests it is technically feasible for the Eastern Interconnection of the North American transmission grid to shift 20 percent or more of load to wind energy by the year 2024, although transmission upgrades and operational changes to the system will be required.
- A parallel [NREL Western Wind and Solar Integration Study](#) has a final stakeholder meeting in Albuquerque on Feb. 9. The western integration study addresses contiguous western states outside the Pacific Northwest.