



**BPA Wind Integration Team Initiatives
Update to WIT E-mail List
November 2010**

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

WIT 2.0 projects foreshadowed: Last month, BPA announced the completion of the June 2009 Wind Integration Team work plan. A number of customers have asked what's coming up next. BPA Wind Integration Team projects for 2011 will be laid out in a new WIT 2.0 Work Plan, which will be issued shortly. Meanwhile, a summary document foreshadowing our direction is attached for your information. The WIT 2.0 Work Plan will continue to focus on transmission management tools to support renewable resource development while assuring reliable power and transmission system operation, avoiding cost shifts and meeting hydro system fish obligations. WIT 2.0 projects will address areas that appear most promising for near-term implementation, including:

- Expanded **intra-hour scheduling**.
- Development of BPA systems and processes to enable BPA to use the Joint Initiative's **Intra-Hour Transaction Accelerator Platform (ITAP)** to facilitate intra-hour power sales once ITAP is launched.
- Evaluation and offering of **dynamic transfer capability** for fiscal years 2012-2013.
- Evaluation of the current **customer-supplied generation imbalance** pilot to determine whether it should be continued or expanded for fiscal years 2012-2013. This determination will be made this spring so customers can decide whether to elect to provide their own generation imbalance reserves for the 2012-2013 rate period.
- Continued exploration of options for BPA to obtain generation imbalance reserves from **third party suppliers**.
- Continued development of BPA's **wind forecasting** system.

Public and customer involvement on specific projects is underway and will continue as needed. Watch the Tech Forum, WIT e-mail notices and this monthly update for involvement opportunities.

Dynamic transfer 101 workshop Dec. 2: On Dec. 2, BPA Transmission Services is holding an all-day workshop on the concepts and technical workings of dynamic transfer capability. This will include review of two related business practices now out for comment (see items on next page). The workshop will be held from 9 a.m. to 4 p.m. in BPA's Rates Hearing Room at BPA headquarters in Portland. All interested parties are cordially invited.

The workshop was requested by BPA customer utilities to afford an opportunity to gain greater understanding of this form of transmission use. Dynamic transfers allow generation in one balancing authority area to be electronically transferred to management by another balancing authority. Dynamic transfer capability has been used historically by owners of power plants located in other utilities' balancing authorities. Until now, use has been fairly limited. Interest in dynamic transfers has grown with the addition of large amounts of wind generation in BPA's balancing authority area that are exported to other utilities' balancing authority areas. The agenda for this workshop was framed in concert with customers and other interested parties.



A phone bridge is available for the DTC 101 workshop by calling 360-418-8001. Wait for the double-beep, then enter 6383#. For more information, go to:

http://www.bpa.gov/corporate/public_affairs/calendar/index.cfm?&detailID=1385&newDate={ts%20'2010-12-23%2000:00:00'}

Operating and scheduling dynamic transfer business practice out for comment through Dec. 10:

BPA Transmission Services is requesting comments through Dec. 10 on a draft business practice on [dynamic transfer operating and scheduling requirements](#) for the Federal Columbia River Transmission System, including dynamic transfers over the intertie lines to California. BPA's proposal would consolidate two existing business practices, one on dynamic schedules and the other on remote resources and loads. Existing business practices remain in effect until the final Dynamic Transfer Operating and Scheduling Requirements business practice is posted as final. For details, see:

<http://transmission.bpa.gov/includes/getForCF8.cfm?ID=1885&CFID=3429388&CFTOKEN=99311989>

Requesting and awarding access to DTC business practice out for comment through Dec. 17:

BPA Transmission Services also is requesting comments through Dec. 17 on a revised business practice for requesting and awarding access to BPA dynamic transfer capability. For details, see:

<http://transmission.bpa.gov/includes/getForCF8.cfm?ID=1892&CFID=3605416&CFTOKEN=99883047>

Second workshop on overgeneration options Dec. 3: On Dec. 3, BPA is holding a second workshop on options to manage overgeneration of power during high-runoff periods, including potentially next spring. Participants at a first workshop Oct. 12 submitted numerous suggestions. Most pertain to actions BPA and others might take to increase load and decrease non-hydro generation during high runoff situations that threaten compliance with Endangered Species Act and Clean Water Act requirements. BPA is committed to finding as much load as reasonably possible and exhausting all federal hydro system flexibility in these situations, and will report on its efforts in these areas at the Dec. 3 meeting. A draft agenda, letter describing BPA efforts to date, and related materials are posted on BPA's [Columbia River high water management](#) Web page.

If necessary, after all other options have been implemented, BPA intends to implement an environmental redispatch procedure that will replace wind generation with federal hydropower to meet ESA and Clean Water Act objections. BPA staff met with interested parties Nov. 17 on how environmental redispatch might be designed. To reduce or eliminate economic impact to wind generators, BPA is also conferring with parties who have expressed interest in considering legislative solutions to allow Production Tax Credits and Renewable Energy Credits to accrue to wind energy that is environmentally redispatched with carbon-free hydropower. The Dec. 3 workshop will report on both of these discussions.

If you are interested in attending the Dec. 3 overgeneration workshop, please RSVP to Steve Kerns, manager, Generation Schedule Planning, at 503-230-7542.

CSGI evaluation coming: In December, BPA will query participants in the Customer Supplied Generation Imbalance pilot project on how that pilot is working for them from a policy perspective



through billing experiences. This information will be used to help evaluate the pilot for possible extension or expansion in fiscal years 2012-2013.

FERC proposes national variable energy resource rules: On Nov. 18, the Federal Energy Regulatory Commission published a Notice of Proposed Rulemaking on Integration of Variable Energy Resources in the nation's transmission system. The proposed reforms are intended to remove barriers to the integration of variable energy resources. FERC is taking comments on the NOPR for 60 days. For more information, go to the [NOPR](#) or the [FERC press release](#).