

January 14, 2003, Regional Dialogue  
Renewables Technical Workshop

**BPA's Renewables Program**

**History:** BPA's renewable program has played a pivotal role in the NW. Started with the solar monitoring network (1977), the MOD-2 project (1980) and the geothermal and wind resource assessments (1985). Moved onto acquisitions in 1997 after \$15M renewable budget included in the rate case.

**BPA's Renewable Portfolio:** wind, "...from 0 to 50 in 3 years." (aMW).

**BPA's EPP Customers:** Participation rate is almost 30%, Oregon and Washington most active.

**Renewable Products:** Have moved from existing hydro to new wind.

**Budget:** Revenues reinvested & existing \$15M committed post 2005.

**Costs:** Development costs coming down but not yet at the margin.

**BPA system mix:** 1% wind, 77% hydro, 13% nuclear and 9% market purchases.

**National RPS in our Future (?)** Examples of States with RPS:

CA 20% by 2010,

NV 15% by 2013,

AZ 1.1% by 2013,

NM 5% as available,

TX 2880MW by 2009,

WI 2.2% by 2011,

PA varies by utility

ME 30% by 2000,

NY 25% by 2013,

MA 4% new by 2009,

CT 13% by 2009,

NJ 6.5% by 2012.

Proposed National RPS -10% by 2019. All include hydro.