



ENERGY EFFICIENCY POLICIES AND DEVELOPMENT IN WASHINGTON STATE

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Washington Utilities & Transportation
Commission**

The Conservation Resource in Washington State

- Conservation and energy efficiency have been legislative priorities for several decades
 - For example, in 1991, the Legislature found, “energy efficiency improvement is the single most effective near term measure to lessen the risk of energy shortage (Laws of 1991, ch. 122, § 1)”
- Conservation is a type of Demand Response
 - Curtails both peak load and base load

Examples of Conservation Policies in Washington State

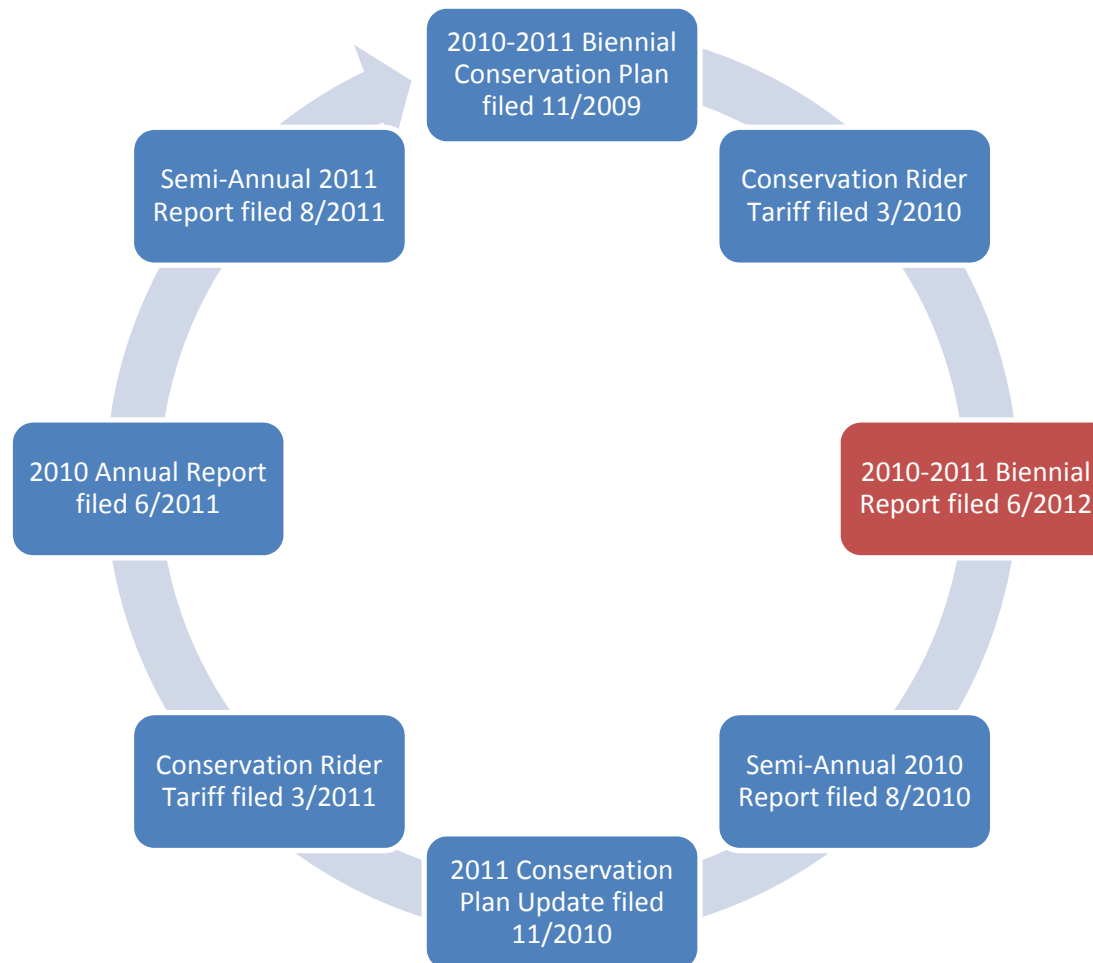
- Initiative No. 937 approved by voters in 2006 (the Energy Independence Act, RCW 19.285)
 - Utilities serving more than 25,000 customers must pursue all cost-effective conservation
- State energy codes for buildings updated January 1, 2011
 - Residential savings estimated between 18 % and 24% for the average gas heated home
 - Commercial savings estimated at approximately 17% based on modeling proto-typical commercial buildings
- State incentive funds for industrial efficiency projects



Examples of UTC Conservation Activities

- Utility conservation targets
- Utility conservation plans
- Utility conservation program cost recovery
- Conservation Working Group

Conservation Regulatory Cycle



Investor-Owned Utilities – Program Costs and Savings (2009)

- Avista
 - Tariff Rider in place since 1995
 - Collected ~\$10 million/year
 - Captured 49 million kWh electricity savings
- PacifiCorp
 - System Benefits Charge since 2000
 - Collected ~\$5.6 million/year
 - Captured 35 million kWh/year electricity savings
- Puget Sound Energy
 - Electric Conservation Rider on customer bills since 1997
 - Collected ~\$53 million/year
 - Captured 273 million kWh/year electricity savings



Investor-Owned Utilities – Conservation Program Budgets (2011)

	aMW	Electric Budget
Avista	6.9	\$15 million
PacifiCorp	4.2	\$8.6 million
Puget Sound Energy	38.8	\$90.8 million
TOTAL	49.9	\$114 million