

Budget Activity: E A049 - State Energy Policy Analysis

Purpose: E A049 Key source of policy support, analysis, and information for the Governor, Legislature, CTED, and other energy decision makers.

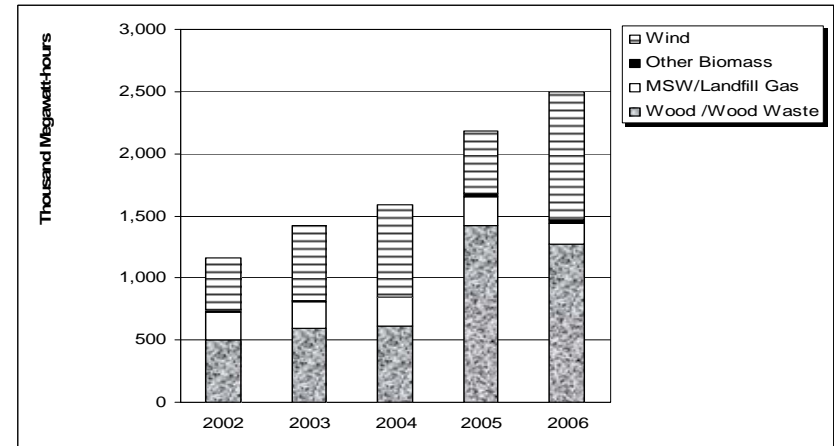
Agency Goal: Build livable, vibrant communities that meet the economic, environmental, and social needs of citizens

Priority of Government: Improve the quality of Washington's natural resources

Analysis:

- The state has seen significant increase in renewable energy production. Energy policy has assisted this growth through policies including- sales tax exemption, net metering, adoption of rules for Initiative 937, and direct assistance to renewable energy businesses.
- This is an annual (not a quarterly) performance measure. Two and a half million megawatt hours is the annual amount of non-hydro renewable energy use. We currently have information for CY 2006. The actual total was 2,502,510 MWh which was an increase of 300,000 over 2005.

P001 - Increase the amount of the state's electricity generated by non-hydroelectric renewable energy sources (total production in megawatt-hours of energy).



Action Plan	Who	Timeframe
Complete I-937 Rules	Howard Schwartz	Completed
Collect and Analyze Data on Renewable Energy	Angela Burrell	Annually

How target was set: Historical usage

Data Source: US Dept. of Energy – Energy Information Administration, Renewable Energy Annual Report

Budget: 07'-09' Biennium \$5,570,000

Budget Activity: E A046 Energy Economic Development and Contract Management

Purpose: Promote the state and its businesses in the global and domestic marketplace by actively supporting the development and expansion of renewable energy, energy efficiency, fuel cell, and related industries.

Agency Goal: Build livable, vibrant communities that meet the economic, environmental, and social needs of citizens

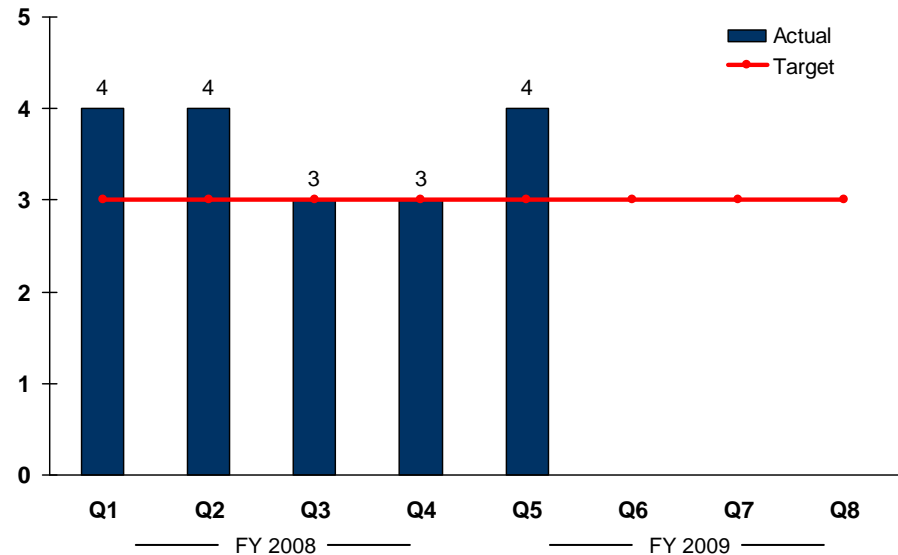
Priority of Government: Improve the quality of Washington's natural resources

Analysis:

Clean energy development in Washington State has become a significant priority. New technologies, high oil prices, climate change and population growth have forced us to diversify our energy supply and approach to energy development. High performance buildings are in increased demand because they are better places to work and make increasing economic sense. The climate framework legislation (HB 2815) gave CTED responsibilities for green jobs analysis and development of green economy framework. Clean energy businesses are a major portion of the green economy. These activities also support the governor's goal of 25,000 clean energy jobs by 2020.

The tools to expand this sector are improving as familiarity is growing and investors recognize the opportunity locally and worldwide.

P002 - Number of clean energy businesses recruited, retained or expanded per quarter (outcome)


Action Plan
Who
Timeframe

Connect entrepreneurs with investors monthly

Tim Stearns – Energy Angels

monthly through the year

Trade promotion to targeted shows

Tim Stearns – trade staff - allies

quarterly

Location leads for companies looking to expand

Tim Stearns – eco development

monthly

How target was set: Targets are set by experience and capacity. It takes 3 months to pull off an outgoing trade activity.

Data Source: Experience with allies.

Budget: 07'-09' Biennium \$3,953,000

Budget Activity: Agency wide

Purpose: Improve statewide per capita energy efficiency by 10% by 2012, toward a goal of 20% by 2020

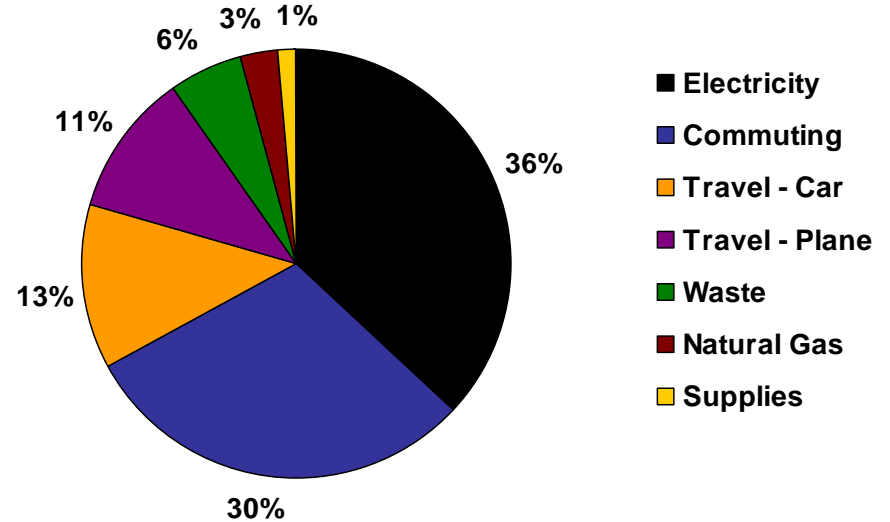
Agency Goal: Build livable, vibrant communities that meet the economic, environmental, & social needs of citizens

Priority of Government: Improve the quality of Washington's natural resources

Analysis:

- Draft findings include estimations. CTED is on track to become the first agency to calculate an *agency-wide* carbon footprint.
- CTED used Dept. of Ecology's GHG calculator, which is in a pilot phase and requires major revisions and updates.
- Data collection was time consuming (approx. 160 hrs.) because it required reviewing individual records, such as travel vouchers and purchase orders. A more automated system is needed to reduce staff hours and improve data accuracy.
- Reducing CTED's carbon footprint 50% by 2012 will involve purchasing carbon offsets in the short-term, while gradually implementing longer-term structural changes.
- Opportunities exist for CTED to emerge as a statewide climate change innovator, such as by partnering with Dept. of Ecology to improve its GHG calculator.

CTED Carbon Footprint, FY '08
 (2,428 Metric Tons CO₂) **DRAFT**



Action Plan

Develop systems to streamline data collection for carbon footprint and sustainability report.

Who

Steve Salmi

Timeframe

September 30, 2008

Sustainability Committee develops proposed priorities for meeting 2012 reduction target.

Greg Black

January 31, 2009

Explore partnering with Dept. of Ecology to improve its GHG calculator.

Cheryl Smith

January 31, 2009