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MEMORANDUM

TO: Council Members

FROM: Gillian Charles, Energy Policy Analyst

SUBJECT: Update on activities of the Energy Trust of Oregon

Since 2002, the Energy Trust of Oregon, a 501(c)(3) non-profit organization, has been providing energy efficiency and renewable energy generation services to utility customers of Portland General Electric, Pacific Power, NW Natural, and Cascade Natural Gas.

In 2010, the Energy Trust met or exceeded all of its performance metrics set by the Oregon Public Utility Commission. In addition, the Energy Trust provided incentives exceeding \$71 million, funding nearly 79,000 energy efficiency and renewable energy projects. The Energy Trust achieved 45.7 MWa efficiency savings last year, a 63% increase from 2009 achievements, saving customers an estimated \$177 million on their energy bills. Through a portfolio of renewable energy projects, the Energy Trust generated 3.3 MWa of renewable energy.

Margie Harris, Executive Director at the Energy Trust, will be presenting to the Council an update on its activities and accomplishments in 2010 and cumulative achievements since 2002.

Attachments:

Energy Trust Cumulative Results (2002-2010)

2010 Annual Report - http://energytrust.org/About/PDF/AnnualReport_2011.pdf

2010 Performance Metrics - <http://energytrust.org/library/pdf/OPUCmetrics.pdf>

Energy Trust cumulative results (2002-2010)

May 26, 2011

Even in a fragile economy, with constrained access to capital, Oregon and southwest Washington consumers and businesses drove Energy Trust results in 2010 to new heights.*

Return on investment

- Energy Trust energy-efficiency investments from 2002-2010 will save utility ratepayers \$1.8 billion over time. Net, after program costs, is \$1.37 billion.
- For every \$1 Energy Trust has invested in energy-efficiency programs from 2002-2010, ratepayers avoid paying \$4 in costs for utilities to generate, store, deliver and purchase an equivalent amount of energy

Lowest cost resource

- Saving energy costs less than building a new fossil fuel power plant
 - Less than 1/4 the cost for electricity
 - Less than 1/2 the cost for natural gas

Energy savings

- By the end of 2010, Energy Trust has saved 274 aMW and generated 103 aMW, a total of 377 aMW of electricity, which is enough clean energy to power 292,000 Oregon homes for a year
- By the end of 2010, Energy Trust saved 17.8 million annual therms, enough clean energy to heat 35,000 Oregon homes with natural gas for a year

Bill savings

- Since 2002, participating customers have saved nearly \$800 million on their energy bills.
- Energy Trust has:
 - Served more than 380,000 households
 - Served more than 47,000 commercial sites
 - Served more than 1,500 industrial and agricultural sites
 - Served more than 1,600 sites in Washington State
 - Helped install renewable energy systems on 2,700 locations
 - Overall, we have served more than 420,000 sites in Oregon and southwest Washington
 - NOTE: The sum of sites served by sector does not equal the total of sites served as some sites have measures in more than one sector

Continued

Economic and environmental impacts

- Built and support a Trade Ally Network of nearly 1,300 contractors, and allied with more than 800 realtors, architects, engineers and others serving customers in Oregon and southwest Washington
- Created more than 2,500 full- and part-time Oregon jobs
- Generated \$81 million in Oregon wages
- Stimulated \$12 million in new business income in Oregon
- Kept more than six million tons of carbon dioxide out of the atmosphere — equivalent to removing one million cars from Oregon roads for one year

Accountability

- Met or exceeded our nine Oregon Public Utility Commission performance metrics in 2010, keeping administrative and program support costs at only five percent

Progress to our 2014 strategic goals

- Saved 254 aMW — 53% of our 479 aMW goal
- Saved 17.8 million annual therms — 51% of our 34.7 million annual therm goal
- Generated 103 aMW — 82% of our 124 aMW goal

Demonstrated leadership

- In 2010, Oregon was ranked the third most energy efficient state in the nation on the annual scorecard issued by the American Council for an Energy Efficient Economy.

* Except where noted, results indicate impact in Oregon only. We will be looking into adding southwest Washington activity to our economic results information if, and when, the offering becomes an officially approved, permanent offering.

OREGON PUBLIC UTILITY COMMISSION PERFORMANCE MEASURES FOR ENERGY TRUST OF OREGON

In 2010, Energy Trust met or exceeded the nine annual Oregon Public Utility Commission performance measures, including cost-effective services and low administrative and program support costs.

Energy Trust is accountable to the Oregon Public Utility Commission and our volunteer board of directors. We provide the commission with quarterly and annual reports measuring actual performance against target metrics set by the commission. A third party completes independent reports on Energy Trust and all public purpose spending, which the commission submits to the Oregon Legislature every other year.

View complete annual accomplishments and results at www.energytrust.org/annualreport.

PERFORMANCE MEASURES – OREGON PUBLIC UTILITY COMMISSION

OPUC Performance Measures	Energy Trust Performance Results in 2010
Electric Efficiency	
At least 31 aMW electricity saved (3-year average)	35 aMW electricity saved ('08-'10 average)
Average levelized life-cycle cost not exceeding 3.5 cents/kWh	2.5 cents/kWh average levelized life-cycle cost ('10)
Natural Gas Efficiency	
At least 1.8 million annual therms saved (3-year average)	3.3 million annual therms saved ('08-'10 average)
Average levelized life-cycle cost not exceeding 60 cents/annual therm	32 cents/annual therm average levelized life-cycle cost ('10)
Renewable Resource Development	
3 aMW new renewable resources (3-year average)	3 aMW new renewable resources ('08-'10)
Financial Integrity	
Unqualified financial audit opinion	Unqualified financial audit opinion
Program Delivery Efficiency	
Administrative and program support costs below 11 percent of annual revenues	Administrative and program support costs were 5 percent of annual revenues
Customer Satisfaction	
Reasonable customer satisfaction rates	Documented high levels of customer satisfaction*
Benefit/Cost Ratios	
Value of energy saved must exceed cost	Value of energy saved exceeded cost

*Phone surveys of a sample of participants shortly after they completed projects indicated high customer satisfaction levels ranging from 87 percent to 95 percent for the six programs surveyed.