

Summary of Low-income Conservation Information Requests

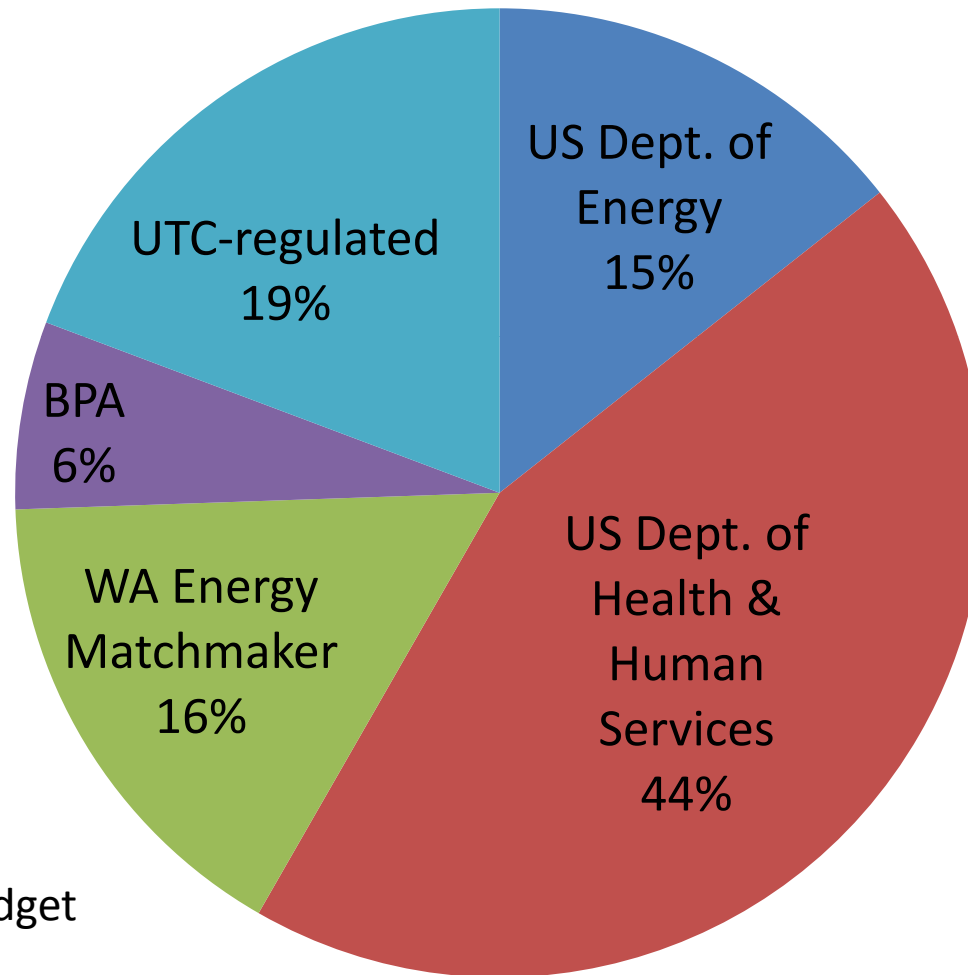
Utilities and Transportation Commission
Low-income Conservation Workshop
Docket U-101973
February 1, 2011

Commission Information Request

1. For low-income agencies, a complete budget and expenditures with a list of all funding sources for low-income conservation including housing repair, health and safety assistance and the amount of funding available as a proportion of total agency budget.
2. For each utility, a complete budget for low-income conservation including housing repair, health and safety assistance and spending as a proportion of total conservation budget.
3. Total utility disbursement to CAP agencies in 2008-09.
4. An explanation of the administration of low-income conservation programs.
5. A list of the types of conservation measures installed.
6. A list of the types of health and human safety measures installed.
7. A spreadsheet showing the cost-effectiveness calculations with line items for housing repair and safety assistance.
8. The best information available on conservation potential for low-income customers and a description of how that information was determined.

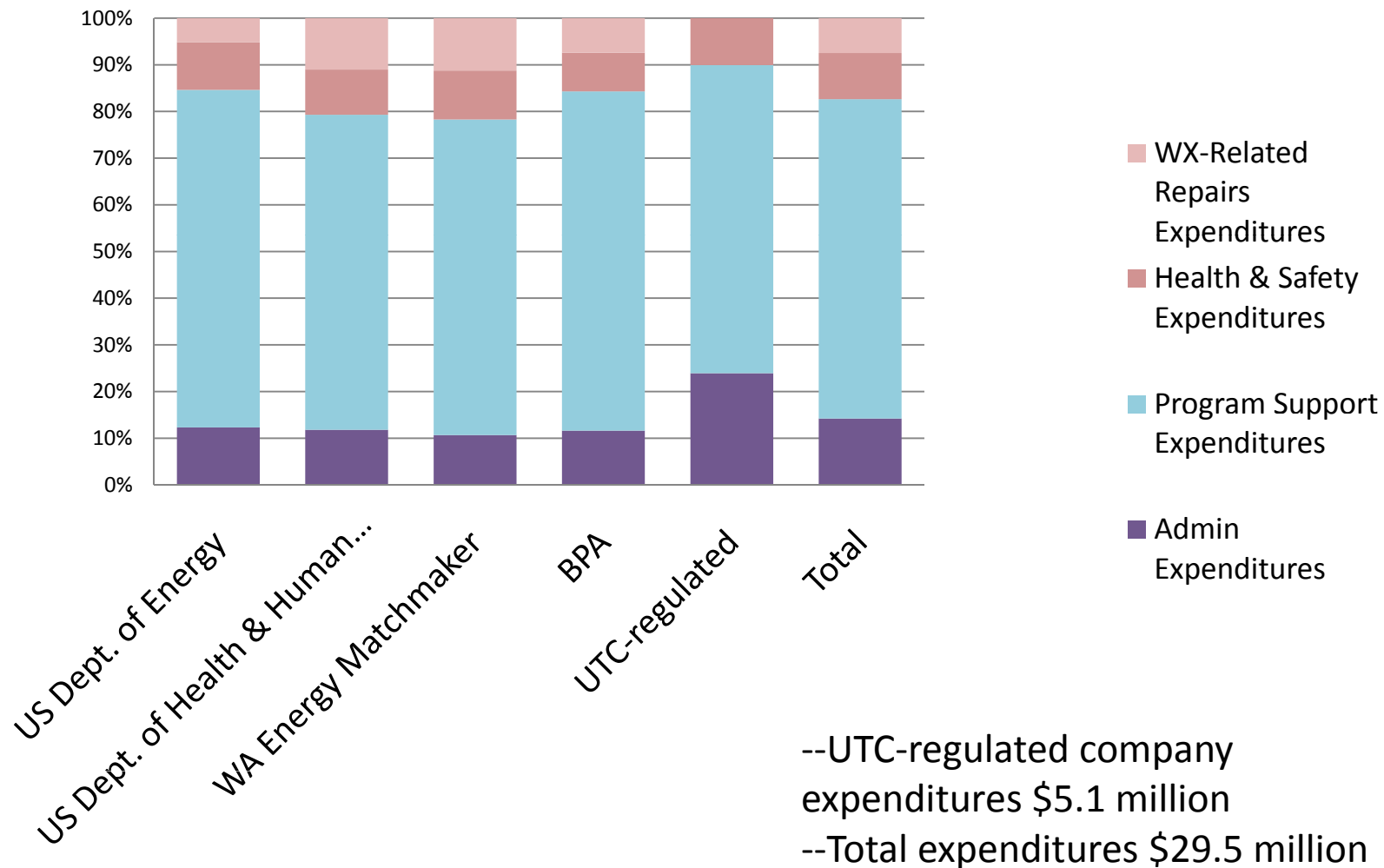
2009 Weatherization Budget

Combined UTC-
regulated company
budgets \$6 million



Total 2009
Weatherization Budget
\$31.2 million

2009 Proportion of Weatherization Expenditures by Type



Company administration of programs

- Contract with CAP agencies for delivery of measures, education, and income verification
- Reimburse CAP agencies about 15% of program for administration
- Coordinates between CAP agencies
- Provides guidance about policies, procedures, contracting, and general implementation

Conservation programs

- Described in tariffs
- Program description and rates to collect funds
- Rebates limited to 50% of cost in some cases, 100% of cost in others
- Calculates cost-effectiveness

Types of Conservation Measures

- Shell measures such as attic, wall, and floor insulation;
- Base-load measures such as refrigerator replacement, incandescent light bulb and fixture change-outs;
- Energy-related water efficiency measures such as hot water tank wraps; showerheads, flow restrictors;
- Heating system treatments such as furnace tune-ups, furnace replacement, duct sealing and insulation;
- Diagnostically-driven air leakage control; and
- Low-cost/no-cost energy-saving measures.

Types of Health and Human Safety Measures

- Electrical knob-and-tube wiring and minor energy-related electrical repair;
- Diagnostic testing for indoor air quality;
- Heating system repair or replacement;
- Combustion safety testing;
- Repair of a solid fuel burning appliance (not allowed by BPA);
- Smoke detectors;
- Carbon monoxide detectors;
- Window repair or replacement; and
- Lead-safe weatherization (required when lead containing materials will be disturbed by the installation).

Cost Effectiveness Analyses

Puget Sound Energy

- Total Resource Cost Test .67 for each fuel's low-income program
- TRC at program level includes* company admin, CAP admin, measures
- TRC Test 1.0 at fuel portfolio level
- TRC at fuel portfolio level includes program plus repair combined with all other conservation programs

Avista Corporation

- Total Resource Cost Test 1.0 for combined fuel low-income program
- TRC at program level includes company admin, CAP admin, repair and measures
- TRC Test 1.0 at fuel portfolio level
- TRC at fuel portfolio level includes program combined with all other conservation programs

* Repair included for 2010

Fund Matrix
Revised April 2010

2010 DOE and DOE ARRA Average Cost Per Unit = \$6500

The adjusted average expenditure limit per home for all funds appropriated and/or used for PY 2009 is now \$6500.

The Recovery Act did not specifically address the renewable energy measures average cost per home.

DOE programs are the only Wx funding sources with an average cost per unit.

Categories included in DOE Average Cost and SIR: Energy Efficiency Measures and Weatherization-Related Repairs.

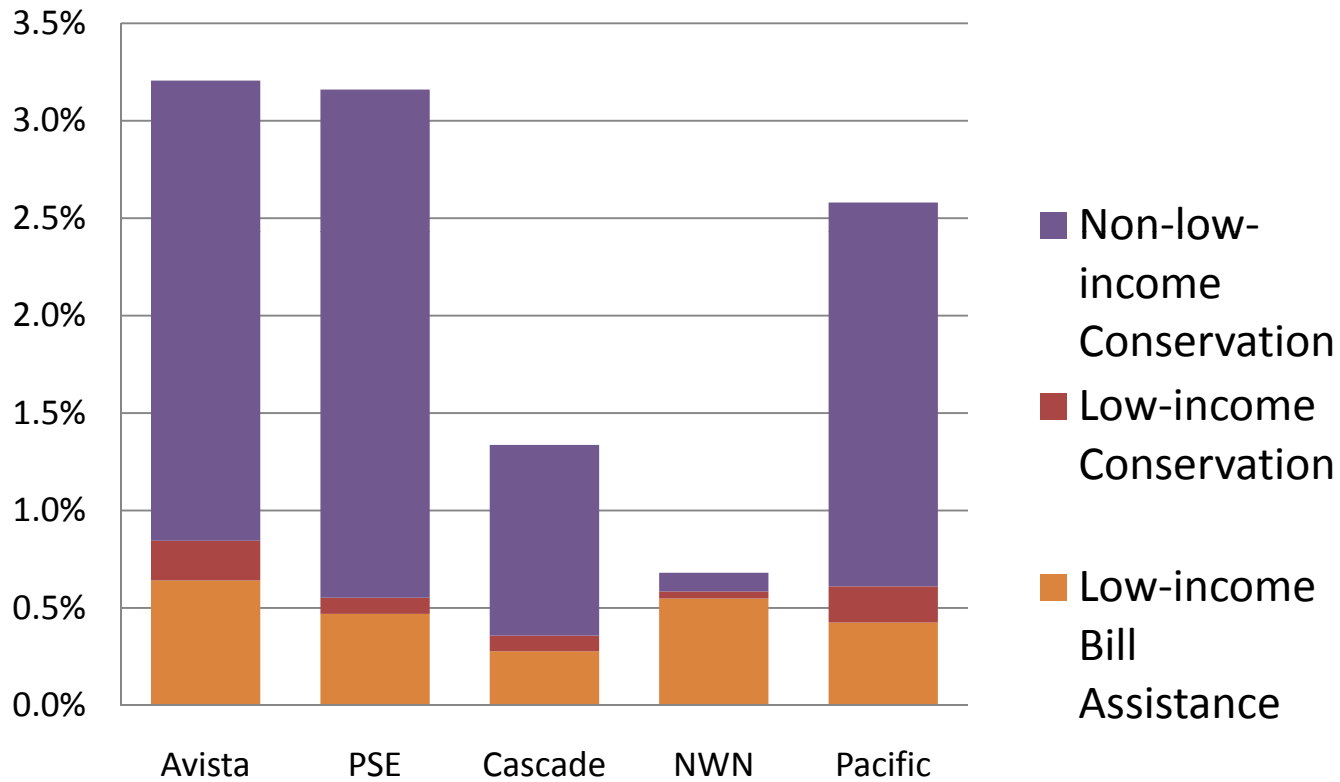
Categories NOT included in DOE Average Cost and SIR: Health & Safety Measures, Administration, Training and Technical Assistance, and Low-Cost/No-Cost.

For PSE and PUD, see Special Terms and Conditions for each program.

Note: All allowable expenses are contingent on current policies. Please see Chapter 5, Providing Weatherization Services.

Activities/Measures	Fund Source	Allowable Expense?	Specifics/Limitations/Allowances	Cost included in SIR? (Individual measure & total package)
Air Sealing Section 5.3.3	DOE	Yes		Yes
	HHS	Yes		Yes
	BPA	Yes	Electric heat and BPA service territory only	Yes
	EM	Yes		Yes
Appliances	DOE	No		
	HHS	No		
	BPA	Yes	Refrigerator Replacement (see below), Clothes Washer Replacement, and Microwave Ovens New or Replacement. May include non-electrically heated, low-income homes in BPA service territory.	To be determined
	EM	No		
CFLs & Fixtures Section 5.2	DOE	Yes	Labor, hardware/CFL bulb replacement a low-cost measure, does not require cost justification/Fixtures & CFL torchiere lamps for energy efficiency allowable. No max limit on CFL bulbs.	Yes, if fixtures or CFL torchiere lamps
	HHS	Yes	Same as DOE	Yes, if fixtures or CFL torchiere lamps
	BPA	Yes	Same as DOE May include non-electrically heated, low-income homes in BPA service territory.	Yes, if fixtures or CFL torchiere lamps
	EM	Yes	Same as DOE	Yes, if fixtures or CFL torchiere lamps

2009 Percent of revenue spent on special programs



Other questions

- Can we compare throughput of regular conservation to low income programs?
- What can we do better or differently?
- Is the right amount of money spent on low income bill assistance?
- Can we find a common definition of low income?
- Should we be using an alternative measurement?