



Customer Solutions

Energy Efficiency

Attachment 2 2010 & 2011 Electric Results by Program

June 1, 2012

2010

As filed April 25, 2011. Table reflects replacement pages, updated from February 15, 2011 filing.



PUGET SOUND ENERGY, INC.
ELECTRIC RIDER CONSERVATION EXPENDITURES & SAVINGS
 January - December 2010

100%		Electric					
Electric Schedule	Programs (Manager Name)	YTD Actual		Percentage		Budget	
		\$ Spent	MWh Svgs.	% of \$ Budget	% of Svgs. TOTAL	\$ BUDGET	MWh Svgs. Target
Residential Programs:							
E214	Single Family Existing	\$ 14,574,090	83,164	75%	76%	\$ 19,550,460	109,480
E217	Multi Family Existing	\$ 4,275,490	11,090	90%	73%	\$ 4,747,200	15,180
E216	Single Family Fuel Conversion	\$ 793,810	3,162	38%	40%	\$ 2,068,620	7,820
E215	Single Family New Construction	\$ 1,255,606	2,633	113%	82%	\$ 1,112,280	3,220
E201	Low Income Weatherization	\$ 2,726,219	2,701	124%	196%	\$ 2,207,080	1,380
E218	Multi Family New Construction	\$ 1,207,066	2,552	112%	111%	\$ 1,074,560	2,300
E200	Residential Energy Efficiency Information	\$ 882,368	n/a	59%		\$ 1,503,280	n/a
E202	Energy Education	\$ 440,576	0	74%	0%	\$ 598,000	1,380
E249	Pilots ¹ , excluding: Home Energy Reports	\$ 69,019	188	6%	20%	\$ 1,069,040	920
		\$ 449,911	0	63%		\$ 708,860	n/a
	Total Residential Programs	\$ 26,674,155	105,490 MWh	77%	74%	\$ 34,639,380	141,680 MWh
Business Efficiency Programs							
E250	C/I Retrofit	\$ 22,366,899	82,618	102%	125%	\$ 21,850,000	66,000
E253	Resource Conservation Manager - RCM	\$ 921,326	20,169	77%	168%	\$ 1,200,000	12,000
E255	Small Business Lighting Rebate	\$ 7,248,547	25,178	190%	210%	\$ 3,822,222	12,000
E251	C/I New Construction	\$ 4,722,188	16,792	219%	336%	\$ 2,153,846	5,000
E262	Business Rebates	\$ 2,570,283	18,874	101%	94%	\$ 2,555,556	20,000
E258	Large Power User - Self Directed	\$ 1,065,122	604	256%	60%	\$ 416,667	1,000
E257	LED Traffic Signals	\$ 14,101	334	56%	67%	\$ 25,000	500
E260	Business Energy Efficiency Information	\$ 101,741	0	48%		\$ 212,500	0
	Total Business Programs	\$ 39,010,207	164,569 MWh	121%	141%	\$ 32,235,791	116,500 MWh
Regional Efficiency Programs							
E254	NW Energy Efficiency Alliance (Anderson)	\$ 4,946,460	23,500	107%	100%	\$ 4,625,000	23,500
Efficiency Support Activities							
	Community Efficiency Manager					\$ 72,500	
	Program Evaluation	\$ 1,026,341	n/a	141%	n/a	\$ 729,403	n/a
	Strategic Planning & Market Research	\$ 580,052	n/a	67%	n/a	\$ 869,866	n/a
	Mainstreaming Green	\$ 141,747	n/a	24%	n/a	\$ 600,000	n/a
	Conservation Supply Curves ²	\$ 358,513	n/a	86%	n/a	\$ 418,800	n/a
	EES Market Integration	\$ 157,767	n/a	69%	n/a	\$ 228,000	n/a
	Energy Efficient Green Communities	\$ 218,249	n/a	100%	n/a	\$ 218,210	n/a
E270	Local Infrastructure & Mkt Transformation	\$ 64,742	n/a	106%	n/a	\$ 61,330	n/a
E261	Energy Efficient Technology Evaluation	\$ 12,225	n/a	11%	n/a	\$ 110,000	n/a
	Third-Party Evaluation Review (per condition K(6)(g))					\$ -	
	Program Support	\$ 170,337	n/a	56%	n/a	\$ 304,503	n/a
	Total Efficiency Support Activities	\$ 2,729,973	0	76%	0%	\$ 3,612,612	0
SUBTOTAL ELECTRIC ENERGY EFFICIENCY		\$ 73,360,795	293,559 MWh			\$ 75,112,783	281,680 MWh
Total aMW Savings		97.7%	104.2%				32.2 aMW
Other Electric Programs³							
E249A	Residential Demand Response Pilot	\$ 536,221	n/a	153%	n/a	\$ 351,400	n/a
E248	Renewable Energy Education ⁴	\$ 323,948	n/a	81%	n/a	\$ 398,039	0
E150	Net Metering	\$ 184,572	n/a	111%	n/a	\$ 166,753	n/a
E249A	C/I Load Control Pilot	\$ 602,479	n/a	127%	n/a	\$ 476,000	n/a
	Total Other Electric Programs	\$ 1,647,220	0 MWh	118%	0%	\$ 1,392,192	0 MWh
GRAND TOTAL ENERGY EFFICIENCY		\$ 75,008,015	293,559 MWh			\$ 76,504,975	281,680 MWh
Total aMW Savings		98.0%	104.2%				38.7 aMW
	PSE LIW Funding ⁵		n/a		n/a		n/a

Footnotes

- 1 Pilots = LED lamps, Heat Pump Sizing & Lock out Controls
- 2 Conservation Supply Curves, associated with Resource Planning, is included in the EES R/T budget because EES pays part of two RP staff salary.
- 3 Other Electric programs are separated because they are not included in cost effectiveness calculations.
- 4 Renewable Energy Education, Schedule 248, was formerly referred to as Small Scale Renewables.
- 5 LIW shareholder funding is not limited to the gas fuel type. Condition G(14) indicates that \$300,000 in shareholder funding may be applied to electric or gas LIW. In 2010 all shareholder funding was applied to gas conservation.

\$ 77,865,547 348,926
 \$ - -

2011

As filed February 15, 2012. No adjustments noted in this table.



PUGET SOUND ENERGY, INC.
ELECTRIC RIDER CONSERVATION EXPENDITURES & SAVINGS
January - December 2011

100%		Electric					
Electric Schedule	Programs (Manager Name)	YTD Actual		Percentage		Budget	
		\$ Spent	MWh Svgs.	% of \$ Budget	% of Svgs. TOTAL	\$ BUDGET	MWh Svgs. Target
Residential Programs:							
E214	Single Family Existing	\$ 17,753,219	110,163	90%	101%	\$ 19,691,227	109,501
E217	Multi Family Existing	\$ 5,004,759	17,852	95%	102%	\$ 5,246,290	17,463
E216	Single Family Fuel Conversion	\$ 429,864	1,607	43%	38%	\$ 1,003,618	4,249
E215	Single Family New Construction	\$ 852,860	1,541	58%	50%	\$ 1,463,949	3,094
E201	Low Income Weatherization	\$ 2,287,825	1,965	96%	131%	\$ 2,391,463	1,501
	LIW REC Funding (Not Rider/Tracker) ¹	\$ 1,925,015	1,750	84%	157%	\$ 2,285,000	1,112
E218	Multi Family New Construction	\$ 518,230	1,082	73%	92%	\$ 708,536	1,175
E200	Residential Energy Efficiency Information	\$ 1,086,006	n/a	93%	\$	\$ 1,166,306	n/a
E202	Energy Education	\$ 114,811	0	58%	\$	\$ 199,053	n/a
E249	Pilots ² , excluding: Home Energy Reports	\$ 73,367 \$ 613,126	292 5,093	32% 71%	39% \$	\$ 227,024 \$ 868,123	758 n/a
	Total Residential Programs	\$ 28,734,067	141,345 MWh	87%	102%	\$ 32,965,589	138,853 MWh
Business Efficiency Programs							
E250	C/I Retrofit	\$ 18,498,136	79,596	92%	102%	\$ 20,071,487	78,000
E253	Resource Conservation Manager - RCM	\$ 1,035,282	25,191	58%	78%	\$ 1,797,897	32,500
E255	Small Business Lighting Rebate	\$ 7,465,414	25,059	108%	109%	\$ 6,910,836	23,000
E251	C/I New Construction	\$ 7,849,113	18,438	95%	119%	\$ 8,249,734	15,500
E262	Business Rebates	\$ 2,482,425	25,227	94%	176%	\$ 2,640,768	14,319
E258	Large Power User - Self Directed	\$ 1,744,567	9,394	27%	68%	\$ 6,568,725	13,900
E257	LED Traffic Signals	\$ 33,510	1,176	100%	235%	\$ 33,543	500
E260	Business Energy Efficiency Information Gas Conservation Comm/Ind Tracker AFUCE ³	\$ 48,937	0	31%	\$	\$ 160,276	0
	Total Business Programs	\$ 39,157,384	184,080 MWh	84%	104%	\$ 46,433,266	177,719 MWh
Regional Efficiency Programs							
E254	NW Energy Efficiency Alliance (Anderson)	\$ 5,241,606	23,500	100%	100%	\$ 5,260,640	23,500
Efficiency Support Activities							
	Program Evaluation	\$ 1,546,379	n/a	98%	n/a	\$ 1,581,303	n/a
	Verification Team	\$ 79,894	n/a	#DIV/0!	n/a	\$	n/a
	Strategic Planning & Market Research	\$ 591,574	n/a	63%	n/a	\$ 945,016	n/a
	Mainstreaming Green	\$ 293,364	n/a	57%	n/a	\$ 511,000	n/a
	Conservation Supply Curves ⁴	\$ 197,635	n/a	63%	n/a	\$ 315,064	n/a
	EES Market Integration	\$ 173,193	n/a	65%	n/a	\$ 265,625	n/a
	Energy Efficient Green Communities	\$ 174,647	n/a	72%	n/a	\$ 243,545	n/a
E270	Local Infrastructure & Mkt Transformation	\$ 43,240	n/a	61%	n/a	\$ 71,049	n/a
E261	Energy Efficient Technology Evaluation	\$ 667	n/a	4%	n/a	\$ 18,777	n/a
	Third-Party Evaluation Review (per condition K(6)(g))	\$		0%	\$	\$ 250,000	
	Program Support	\$ 214,209	n/a	51%	n/a	\$ 417,257	n/a
	Total Efficiency Support Activities	\$ 3,314,801	0	72%	0%	\$ 4,618,636	0
SUBTOTAL ELECTRIC ENERGY EFFICIENCY		\$ 76,447,858	348,926 MWh			\$ 89,278,131	340,072 MWh
Total aMW Savings		85.6%	102.6%			39.8 aMW	38.8 aMW
Other Electric Programs⁵							
E249A	Residential Demand Response Pilot	\$ 648,350	n/a	104%	n/a	\$ 621,008	n/a
E248	Renewable Energy Education ⁶	\$ 267,752	n/a	77%	n/a	\$ 348,659	0
E150	Net Metering	\$ 229,346	n/a	83%	n/a	\$ 277,687	n/a
E249A	C/I Load Control Pilot	\$ 272,242	n/a	101%	n/a	\$ 268,419	n/a
	Total Other Electric Programs	\$ 1,417,689	0 MWh	94%	0%	\$ 1,515,773	0 MWh
GRAND TOTAL ENERGY EFFICIENCY		\$ 77,865,547	348,926 MWh			\$ 90,793,904	340,072 MWh
Total aMW Savings		85.8%	102.6%				38.8 aMW
	PSE LIW Funding ⁷		n/a		n/a		n/a

Footnotes

- LIW REC funding is reporting savings, but the source of funding is recorded against O&M budget. Figures noted in blue highlighting are included only to provide perspective for savings claims. These figures are EXCLUDED from the indicated Residential expenditure and budget subtotals. LIW REC savings and expenditures are detailed, in accordance with requirements outlined in Docket No. UE-070725, in Attachment #7 of this 2010-2011 Biennial Conservation Report.
- Pilots = LED lamps, Heat Pump Sizing & Lock out Controls
- Noted figure is not actual AFUCE. Actual cost is for printing, which was recognized against an incorrect order number. It wasn't possible to journal entry after year-end. The figure is included for transparency.
- Conservation Supply Curves, associated with Resource Planning, is included in the EES R/T budget because EES pays part of two RP staff salary
- Other Electric programs are separated because they are not included in cost effectiveness calculations.
- Renewable Energy Education, Schedule 248, was formerly referred to as Small Scale Renewables.
- LIW shareholder funding is not limited to the gas fuel type. Condition G(14) indicates that \$300,000 in shareholder funding may be applied to electric or gas LIW. In 2011, all shareholder funding was applied to gas conservation.

2010-2011



PUGET SOUND ENERGY, INC.
ELECTRIC RIDER CONSERVATION EXPENDITURES & SAVINGS
January 2010 - December 2011

100%		Electric					
Electric Schedule	Programs (Manager Name)	YTD Actual		Percentage		Budget	
		\$ Spent	MWh Svgs.	% of \$ Budget	% of Svgs. TOTAL	\$ BUDGET	MWh Svgs. Target
Residential Programs:							
E214	Single Family Existing	\$ 32,327,309	193,327	82%	88%	\$ 39,241,687	218,981
E217	Multi Family Existing	\$ 9,280,249	28,942	93%	89%	\$ 9,993,490	32,643
E216	Single Family Fuel Conversion	\$ 1,223,674	4,769	40%	40%	\$ 3,072,238	12,069
E215	Single Family New Construction	\$ 2,108,466	4,174	82%	66%	\$ 2,576,229	6,314
E201	Low Income Weatherization	\$ 5,014,044	4,666	109%	162%	\$ 4,598,543	2,881
	LIW REC Funding (Not Rider/Tracker) ¹	\$ 1,925,015	1,750	84%	157%	\$ 2,285,000	1,112
E218	Multi Family New Construction	\$ 1,725,296	3,634	97%	105%	\$ 1,783,096	3,475
E200	Residential Energy Efficiency Information	\$ 1,968,374	0	74%		\$ 2,669,586	1,380
E202	Energy Education	\$ 555,387	0	70%		\$ 797,053	
E249	Pilots ² , excluding: Home Energy Reports	\$ 142,386 \$ 1,063,037	480 5,093	11% 67%	29%	\$ 1,296,064 \$ 1,576,983	1,678
Total Residential Programs		\$ 55,408,222	246,835 MWh	82%	88%	\$ 67,604,969	280,533 MWh
Business Efficiency Programs							
E250	C/I Retrofit	\$ 40,865,035	162,214	97%	113%	\$ 41,921,487	144,000
E253	Resource Conservation Manager - RCM	\$ 1,956,608	45,360	65%	102%	\$ 2,997,897	44,500
E255	Small Business Lighting Rebate	\$ 14,713,961	50,237	137%	144%	\$ 10,733,058	35,000
E251	C/I New Construction	\$ 12,571,301	35,230	121%	172%	\$ 10,403,580	20,500
E262	Business Rebates	\$ 5,052,708	44,101	97%	129%	\$ 5,196,324	34,319
E258	Large Power User - Self Directed	\$ 2,809,689	9,998	40%	67%	\$ 6,985,392	14,900
E257	LED Traffic Signals	\$ 47,611	1,510	81%	151%	\$ 58,543	1,000
E260	Business Energy Efficiency Information Gas Conservation Comm/Ind Tracker AFUCE ³	\$ 150,678	0	40%		\$ 372,776	0
Total Business Programs		\$ 78,167,591	348,649 MWh	99%	118%	\$ 78,669,057	294,219 MWh
Regional Efficiency Programs							
E254	NW Energy Efficiency Alliance (Anderson)	\$ 10,188,066	47,000	103%	100%	\$ 9,885,640	47,000
Efficiency Support Activities							
	Community Efficiency Manager Program Evaluation	\$ 2,572,720	n/a	111%	n/a	\$ 72,500	n/a
	Verification Team	\$ 79,894	n/a	#DIV/0!	n/a	\$ 2,310,706	n/a
	Strategic Planning & Market Research	\$ 1,171,626	n/a	65%	n/a	\$ 1,814,882	n/a
	Mainstreaming Green	\$ 435,111	n/a	39%	n/a	\$ 1,111,000	n/a
	Conservation Supply Curves ⁴	\$ 556,148	n/a	76%	n/a	\$ 733,864	n/a
	EES Market Integration	\$ 330,960	n/a	67%	n/a	\$ 493,625	n/a
	Energy Efficient Green Communities	\$ 392,896	n/a	85%	n/a	\$ 461,755	n/a
E270	Local Infrastructure & Mkt Transformation	\$ 107,982	n/a	82%	n/a	\$ 132,379	n/a
E261	Energy Efficient Technology Evaluation	\$ 12,892	n/a	10%	n/a	\$ 128,777	n/a
	Third-Party Evaluation Review (per condition K(6)(g))	\$ -	n/a	0%	n/a	\$ 250,000	n/a
	Program Support	\$ 384,546	n/a	53%	n/a	\$ 721,760	n/a
Total Efficiency Support Activities		\$ 6,044,774	0	73%	0%	\$ 8,231,248	0
SUBTOTAL ELECTRIC ENERGY EFFICIENCY		\$ 149,808,653	642,485 MWh			\$ 164,390,914	621,752 MWh
Total aMW Savings		91.1%	103.3%				71.0 aMW
Other Electric Programs⁵							
E249A	Residential Demand Response Pilot	\$ 1,184,571	n/a	122%	n/a	\$ 972,408	n/a
E248	Renewable Energy Education ⁶	\$ 591,700	n/a	79%	n/a	\$ 746,698	0
E150	Net Metering	\$ 413,918	n/a	93%	n/a	\$ 444,440	n/a
E249A	C/I Load Control Pilot	\$ 874,721	n/a	118%	n/a	\$ 744,419	n/a
Total Other Electric Programs		\$ 3,064,909	0 MWh	105%	0%	\$ 2,907,965	0 MWh
GRAND TOTAL ENERGY EFFICIENCY		\$ 152,873,562	642,485 MWh			\$ 167,298,879	621,752 MWh
Total aMW Savings		91.4%	103.3%				71.0 aMW
	PSE LIW Funding ⁷		n/a		n/a		n/a

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\$ 77,865,547 348,926
\$ - -