

Exhibit 1

PUGET SOUND ENERGY, INC.
 NATURAL GAS RIDER CONSERVATION EXPENDITURES & SAVINGS
 January 2016 - December 2017



Index ^a	Schedule (Both electric and gas, unless otherwise noted)	Programs	Natural Gas					
			Biennial Actual		Percentage		Budget	
			\$ Spent	Therms Svgs.	% of \$ Budget	% of Svgs. Total	\$ BUDGET	Therms Svgs. Target <i>(2016-2017 BCP)</i>
							Blue type indicates a sub-total. Sub-totals sum to the figure above.	
a								
b		Residential Energy Management						
c	201	Low Income Weatherization	\$ 445,330	24,800	78%	67%	\$ 568,090 37,283	
d	214	Single Family Existing	\$ 12,875,760	3,498,024	110%	112%	\$ 11,687,101 3,128,874	
e		<i>Residential Lighting</i>						
f		<i>Space heat</i>	\$ 4,362,230	1,228,676	90%	95%	\$ 4,844,604 1,291,410	
g		<i>Water heat</i>					\$ - -	
h		<i>Home Energy Assessments</i>					\$ - -	
i		<i>Home Appliances</i>		42,465	0%	45%	\$ 33,300 93,860	
j		<i>Mobile Home Duct Sealing</i>	\$ -	0			\$ - -	
		<i>Web-Enabled Thermostats</i>	\$ 1,576,499	341,237	388%	502%	\$ 406,382 68,000	
		Web-Enabled Thermostat instant rebate correction		147,010				
k		<i>Showerheads</i>	\$ 924,080	479,594	87%	73%	\$ 1,059,548 653,262	
l		<i>Weatherization</i>	\$ 5,963,825	954,722	113%	122%	\$ 5,277,089 782,375	
m		<i>Home Energy Reports</i>	\$ 49,126	239,967	74%	100%	\$ 66,178 239,967	
		HER Evaluation True-up		64,353				
n	215	Single Family New Construction	\$ 31,192	0	33%		\$ 95,949 -	
o	215	<i>Energy Star Manufactured Home</i>	\$ -	0			\$ - -	
p	216	Fuel Conversion	\$ -	0			\$ - -	
q	217	Multi Family Retrofit	\$ 1,119,402	117,718	57%	50%	\$ 1,958,481 233,892	
r	218	Multi Family New Construction	\$ 998,999	227,341	276%	216%	\$ 361,509 105,260	
s		Total Residential Programs	\$ 15,470,684	3,867,883	105%	110%	\$ 14,671,130 3,505,309 Therms	
t		Business Energy Management						
u	250	Commercial Industrial Retrofit	\$ 4,435,365	1,844,942	121%	253%	\$ 3,658,655 730,000	
v	251	Commercial Industrial New Construction	\$ 250,540	47,098	19%	15%	\$ 1,294,451 322,875	
w	253	Resource Conservation Management - RCM	\$ 1,198,387	1,538,370	119%	147%	\$ 1,006,951 1,050,000	
x	258	Large Power User - Self Directed Program 449	\$ -	0			\$ - -	
y	258	Large Power User - Self Directed Non 449	\$ -	0			\$ - -	
z	261	Energy Efficient Technology Evaluation	\$ -	0			\$ - -	
aa	262	Commercial Rebates	\$ 989,866	259,378	28%	19%	\$ 3,576,682 1,350,103	
ab		<i>Lighting to Go (AKA Business Lighting Markdowns)</i>	\$ -	0			\$ - -	
ac		<i>Commercial Kitchen & Laundry</i>	\$ 467,470	173,288	57%	40%	\$ 825,351 435,063	
ad		<i>Commercial HVAC</i>	\$ 198,064	59,934	191%	118%	\$ 103,763 51,000	
af		<i>Small Business Direct Install</i>	\$ 163,318	6,656	10%	1%	\$ 1,703,555 558,910	
ag		<i>Agricultural Direct Install</i>	\$ 7,525	0	8%	0%	\$ 91,194 38,790	
ah		<i>Lodging Direct Install</i>	\$ 153,488	19,500	18%	7%	\$ 852,819 266,340	
ai		<i>Business Lighting - Rebates</i>	\$ -	0			\$ - -	
aj		Total Business Programs	\$ 6,874,157	3,689,788	72%	107%	\$ 9,536,739 3,452,978 Therms	
ak		Pilots						
al	249	Residential Pilots - Individual Energy Reports	\$ 568,068	747,433	314%	174%	\$ 181,029 430,529 Therms	
		IER Evaluation True-up		(109,932)				
am	249	Business Pilots - Individual Energy Reports	\$ -	-			\$ - -	
an		Total Pilots	\$ 568,068	637,501	314%	148%	\$ 181,029 430,529 Therms	
ao		Regional Efficiency Programs						
ap	254	NW Energy Efficiency Alliance	\$ -	-			\$ - -	
aq	292	NW Gas Market Transformation Collaborative	\$ 2,576,537	-	104%		\$ 2,475,756 37,680 Therms	
ar		Electric Generation, Transmission and Distribution	\$ -	-			\$ - -	
		Total Regional Programs	\$ 2,576,537	-	104%	0%	\$ 2,475,756 37,680 Therms	

Index ⁴	Schedule (Both electric and gas, unless otherwise noted)	Programs	Natural Gas					
			Biennial Actual		Percentage		Budget	
			Blue type indicates a sub-total. Sub-totals sum to the figure above.					
			\$ Spent	Therms Svgs.	% of \$	% of Svgs.	\$ BUDGET	Therms Svgs. Target
a		Energy Efficiency Portfolio Support						
as		Customer Engagement and Education	\$ 381,253		89%	\$ 430,256	n/a	
at		<i>Energy Advisors</i>	\$ 170,554		100%	\$ 170,357	n/a	
au		<i>Events</i>	\$ 199,939		88%	\$ 227,724	n/a	
av		<i>Brochures, non program-specific</i>	\$ 10,760		36%	\$ 30,225	n/a	
aw		<i>Education</i>	\$ -		0%	\$ 1,950	n/a	
ax	202							
ay		Electronic Media Tools & Awareness	\$ 327,382		102%	\$ 319,931		
az		Customer Digital Experience	\$ 139,564		79%	\$ 176,020	n/a	
ba		Web content, maintenance + analytics	\$ -			\$ -	n/a	
bb		Online customer tools	\$ -			\$ -		
bc		E-news	\$ -			\$ -		
bd		Customer Awareness Tools	\$ 116,468			\$ -		
be		ShopPSE	\$ (47,662)			\$ -		
bf		Market Integration	\$ 70,445		68%	\$ 104,025	n/a	
bg		MyData (Automated Benchmarking System)	\$ 48,569		122%	\$ 39,886		
bh		Rebate Processing	\$ 130,954		65%	\$ 200,393		
bi		Programs Support	\$ 84,558		92%	\$ 91,845	n/a	
bj		Data and Systems Services	\$ 246,582		80%	\$ 309,412		
bk		<i>Energy Efficiency Software System (DSMC)</i>	\$ 272,401			\$ -		
bl		Energy Efficient Communities	\$ 236,091		89%	\$ 266,253	n/a	
bm		Trade Ally Support	\$ 31,804		76%	\$ 42,030	n/a	
bn		Contractor Alliance Network [net of (revenue) + cost]	\$ 19,889		-72%	\$ (27,656)		
bo		Total Portfolio Support	\$ 1,730,913		106%	\$ 1,632,464	-	
bp		Energy Efficiency Research & Compliance						
bq		Conservation Supply Curves	\$ 98,576		107%	\$ 92,172	n/a	
br		Strategic Planning	\$ 103,889		243%	\$ 42,808		
bs		Market Research	\$ 58,678		69%	\$ 85,571		
bt		Program Evaluation	\$ 720,463		133%	\$ 542,430	n/a	
bu		Biennial Electric Conservation Acquisition Review	\$ -			\$ -		
bv		Verification Team	\$ 163,526		74%	\$ 221,063	n/a	
bw		Total Research & Compliance	\$ 1,145,131		116%	\$ 984,044	-	
bx		GRAND TOTAL ENERGY EFFICIENCY	\$ 28,365,488	8,195,172 Therms		\$ 29,481,162	7,426,496 Therms	
by			96.2%	110.4%				
bz		PSE LIW Shareholder Funding ²	\$ 767,355	n/a	110%	\$ 700,000	n/a	
ca		RESULTS (without true-ups or adjustments)	Natural Gas Penalty Calculation					
cb		Please see Table II-8 in the 2016-2017 Biennial Conservation Report for final, adjusted figures.						
cc		Grand total Energy Efficiency	2016 Reported Savings	4,480,141 Therms				
cd			2017 Reported Savings	3,613,600 Therms				
ce		Plus savings adjustments	Total, Energy Efficiency	8,093,741 Therms	Total Includes			
cf			Biennial Adjustments	101,431			= +64,353 [HER true-up], -109,932 [IER true-up], +147,010 [Web-Enabled Thermostats]	
cg			GRAND TOTAL	8,195,172 Therms			Excluded from penalty target per CRAG agreement	
ch			Remove IER Pilot + NEEA savings	747,433 Therms			Total natural gas savings subject to penalty	
ci				7,447,739 Therms			Penalty Threshold: 2-year avg of term goal, less NEEA + Pilots	
cj					3,479,144 Therms		Actual savings, compared to goal	
ck					3,723,870 Therms			

Footnotes

- 1 Other Electric programs are separated because they are not included in cost effectiveness calculations.
- 2 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.
- 3 Some index letter combination designations are purposely omitted.

Gas

2016-2017 Energy Reporting Natural Gas Savings Ad			
Index	Factoring in Year 2 incremental savings (ignoring Year 2 decremental savings)	Home Energy Report (Legacy)	Individual Energy Reports (Pilot)
a	Reported savings in 2016 Annual Report	239,967	430,548
b	Incremental reported savings in 2017 Annual Report	0	316,885
c	Total reported saving for the biennium	239,967	747,433
d	Savings per 2016 (year 1) DNV-GL analysis	285,915	461,767
e	Savings per 2017 (year 2) DNV-GL analysis	304,320	637,501
f	Incremental verified savings from 2016 to 2017	18,405	175,734
g	Adjustment to 2016-2017 Biennial Electric Conservation Report.	64,353	-109,932

Relative to UG-011571, Section M.39: *Included in Stipulation Penalty Target*

Excluded from Stipulation Penalty Target

Adjustments

Computation

$$= a + b$$

Compare:

(1) if $e > d$, $= e - d$.

(2) if $e < d$, $= 0$.

$$= (d + e) - c$$

Therms

	Originally-Report	Correction/April	Adjusted Total
2016	65,484	-	65,484
2017	<u>275,753</u>	<u>147,010</u>	<u>422,763</u>
	341,237	147,010	488,247

4,110 natural gas records