

**BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**Docket No. UE-121373 – Centralia PPA  
Docket No. UE-121697 and Docket No. UG-121705 – Decoupling Mechanisms  
Docket No. UE-130137 and Docket No. UG-130138 - Expedited Rate Filing  
Puget Sound Energy, Inc.**

**BENCH REQUEST NO. 001**

**BENCH REQUEST NO. 001:**

Please provide the Schedule 139 rates, allowed revenue per customer, and associated revenue that would be derived from the Joint Parties' proposed electric and gas decoupling mechanisms without the proposed K-factor. Please provide this analysis through the maximum term of the proposed rate plan period.

**Response:**

Attached as Attachment A to Puget Sound Energy, Inc.'s ("PSE") Response to Bench Request No. 001, please find an MS Excel workbook that shows projections of estimated Schedule 139 rates for electric customers, allowed electric delivery revenue per customer, and associated electric revenues based on the relevant exhibits supporting the Prefiled Supplemental Direct Testimony of Jon A. Piliaris, Exhibit No. JAP-8T, extended through February 2017 and modified to exclude the effects of the K-factor. A summary of these results is provided below.

Attached as Attachment B to PSE's Response to Bench Request No. 001, please find an MS Excel workbook that shows projections of estimated Schedule 139 rates for natural gas customers, allowed natural gas delivery revenue per customer, and associated natural gas revenues based on the relevant exhibits supporting Exhibit No. JAP-8T extended through February 2017 and modified to exclude the effects of the K-factor. A summary of these results is provided below.

Projection of estimated Schedule 139 rates without the proposed K-factor:

Electric Schedule 139 Rates (\$/kWh)

	Effective 5/1/2013	Effective 5/1/2014	Effective 5/1/2015	Effective 5/1/2016
Residential	\$ 0.000570	\$ 0.000273	\$ 0.001398	\$ 0.002425
Non-Residential	\$ (0.000361)	\$ (0.000530)	\$ (0.000388)	\$ (0.000071)

Natural Gas Schedule 139 Rates (\$/therm)

	Effective 5/1/2013	Effective 5/1/2014	Effective 5/1/2015	Effective 5/1/2016
Residential	\$ 0.00929	\$ 0.02784	\$ 0.01621	\$ 0.00060
Non-Residential	\$ (0.00726)	\$ (0.00146)	\$ (0.00284)	\$ (0.00310)

Allowed revenue per customer without the proposed K-factor:

Electric Allowed Revenue Per Customer

	Effective 5/1/2013	Effective 1/1/2014	Effective 1/1/2015	Effective 1/1/2016	Effective 1/1/2017
Residential	\$ 291.71	\$ 291.71	\$ 291.71	\$ 291.71	\$ 291.71
Non-Residential	\$ 1,731.82	\$ 1,731.82	\$ 1,731.82	\$ 1,731.82	\$ 1,731.82

Natural Gas Allowed Revenue Per Customer

	Effective 5/1/2013	Effective 1/1/2014	Effective 1/1/2015	Effective 1/1/2016	Effective 1/1/2017
Residential	\$ 289.43	\$ 289.43	\$ 289.43	\$ 289.43	\$ 289.43
Non-Residential	\$ 1,591.42	\$ 1,591.42	\$ 1,591.42	\$ 1,591.42	\$ 1,591.42

Projection of estimated Schedule 139 revenue without the proposed K-factor:

Electric Schedule 139 Revenues

	2013	2014	2015	2016	2017
Residential	\$ 3,679,589	\$ 4,123,785	\$ 10,232,949	\$ 21,697,535	\$ 5,534,769
Non-Residential	\$ (2,497,340)	\$ (5,029,012)	\$ (4,683,050)	\$ (1,942,446)	\$ (133,037)

Natural Gas Schedule 139 Revenues

	2013	2014	2015	2016	2017
Residential	\$ 2,433,728	\$ 10,131,229	\$ 12,715,328	\$ 5,101,225	\$ 108,598
Non-Residential	\$ (2,231,311)	\$ (2,177,150)	\$ (1,222,423)	\$ (1,632,468)	\$ (404,204)

As shown above, the absence of a K-factor would hypothetically result in no increase to the Allowed Revenue Per Customer from June 30, 2012 levels. More realistically, in the absence of the K-factor—and in the absence of the general rate case stay-out period that accompanies the K-factor as proposed in the Multiparty Settlement—Test Year Allowed Delivery Revenue Per Customer can be expected to increase as a result of general rate case filings during this time period. Thus, the hypothetical Schedule 139 rates, allowed revenue per customer, and associated revenue shown above and in the attachments hereto do not fully and accurately represent the likely Schedule 139 rates and revenues that would be in effect in the absence of the proposed K-factor.

Please note that the results shown above for the non-residential gas customers do not reflect the recent agreement with the Northwest Industrial Gas Users to exclude gas schedules 85, 85T, 87 and 87T from the gas decoupling mechanism. The effects of excluding these customers will be reflected in PSE's compliance filing, upon approval of the proposed gas decoupling mechanism.

Please also note that the Schedule 139 rates for non-residential gas customers shown above are composite rates and, consistent with the approach taken in Mr. Piliaris's Prefiled Supplemental Direct Testimony (e.g., see page 3 of Exhibit No. JAP-19), the actual rates would vary by applicable rate schedule and applicable rate component within each rate schedule.

Finally, please also note the projections in Attachment A and Attachment B to PSE's Response to Bench Request No. 001 show approximately \$2.6 million available for rebate to electric customers and \$0.8 million available for rebate to gas customers at the end of the proposed rate plan period.

**ATTACHMENT A to PSE's Response to  
Bench Request No. 001**

**Puget Sound Energy  
Decoupling Filing  
Development of Annual Allowed Delivery Revenue Per Customer - Electric**

Line No.	(a)	(b)	(c)	(d)
	Source	Residential	Non-Residential Schedules*	
1				
2	Test Year Allowed Delivery Revenue	\$ 373,040,615	\$ 245,053,048	
3				
4	Test Year Customers	959,515	123,365	
5				
6	Test Year Annual Delivery Revenue Per Customer	\$ 388.78	\$ 1,986.41	
7				
8	K-Factor			
9	- Effective May 1, 2013	1,000	1,000	
10	- Effective January 1, 2014	1,000	1,000	
11	- Effective January 1, 2015	1,000	1,000	
12	- Effective January 1, 2016	1,000	1,000	
13	- Effective January 1, 2017**	1,000	1,000	
14				
15	K-Factor Adjusted Annual Delivery Revenue Per Customer			
16	- Effective May 1, 2013	\$ 388.78	\$ 1,986.41	
17	- Effective January 1, 2014	\$ 388.78	\$ 1,986.41	
18	- Effective January 1, 2015	\$ 388.78	\$ 1,986.41	
19	- Effective January 1, 2016	\$ 388.78	\$ 1,986.41	
20	- Effective January 1, 2017**	\$ 388.78	\$ 1,986.41	
21				
22	Test Year Basic & Minimum Charge Revenue	\$ 93,138,648	\$ 31,407,937	
23				
24	Test Year Basic Charge Revenue Per Customer	\$ 97.07	\$ 254.59	
25				
26	Annual Allowed Volumetric Delivery Revenue Per Customer			
27	- Effective May 1, 2013	\$ 291.71	\$ 1,731.82	
28	- Effective January 1, 2014	\$ 291.71	\$ 1,731.82	
29	- Effective January 1, 2015	\$ 291.71	\$ 1,731.82	
30	- Effective January 1, 2016	\$ 291.71	\$ 1,731.82	
31	- Effective January 1, 2017**	\$ 291.71	\$ 1,731.82	
32				

\* Schedules 24, 25, 26, 26P, 29, 31, 35, 40, 43, 46, 49, as well as related schedules eligible for BPA Res. Exchange.

\*\* Only if rates from PSE's next general rate case have not yet gone into effect.

**Puget Sound Energy  
Decoupling Filing  
Development of Delivery Cost Energy Rate and Schedule 139 Rate - Electric  
Rate Year - May 1, 2013 through April 30, 2014**

Line No.	(a)	Source (b)	Residential (c)	Non-Residential Schedules* (d)
1				
2	Test Year Allowed Delivery Revenue	UE-130137 WP	\$ 373,040,615	\$ 245,053,048
3				
4	Less: Test Year Basic & Minimum Charge Revenue	UE-130137 WP	\$ 93,138,648	\$ 31,407,937
5				
6	Test Year Volumetric Delivery Revenue	(2) - (4)	\$ 279,901,966	\$ 213,645,111
7				
8	Test Year Base Sales (kWh)	UE-130137 WP	10,773,318,324	10,336,852,083
9				
10	Test Year Volumetric Delivery Revenue Per Unit (\$/kWh)	(6) / (8)	\$ 0.025981	\$ 0.020668
11				
12	2013 Allowed Volumetric Delivery Revenue Per Customer	JAP-14	\$ 291.71	\$ 1,731.82
13				
14	Forecasted Rate Year Customer Count	F2012	963,047	122,833
15				
16	Forecasted Rate Year Allowed Volumetric Delivery Revenue	(12) x (14)	\$ 280,930,482	\$ 212,724,236
17				
18	Plus: Deferred Balance at End of Calendar Year 2012		-	-
19				
20	Estimated Recoverable Volumetric Delivery Revenue	(16) + (18)	\$ 280,930,482	\$ 212,724,236
21				
22	Forecasted Rate Year Base Sales (kWh)	F2012	10,580,952,000	10,475,312,000
23				
24	Rate Year Volumetric Delivery Revenue Per Unit (\$/kWh)	(20) / (22)	\$ 0.026551	\$ 0.020307
25				
26	Schedule 139 Rates (\$/kWh)	(24) - (10)	\$ 0.000570	\$ (0.000361)
27				
28	Post-Rate Test Schedule 139 Rates (\$/kWh)	Page 2	\$ 0.000570	\$ (0.000361)
29				
30	Post-Rate Test Deferred Balance to Recover/(Refund)	Calculation	\$ -	\$ -
31				
32	* Schedules 24, 25, 26, 26P, 29, 31, 35, 40, 43, 46, 49, as well as related schedules eligible for BPA Res. Exchange.			
33				

Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Electric Residential  
Calendar Year 2013

Line No.	Source	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Total	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	Forecasted Customers	F2012	-	-	-	-	956,261	957,155	957,872	956,954	960,283	961,973	963,850	965,154	
2	Monthly Allowed Delivery Revenue per Customer	JAP-16	\$ -	\$ -	\$ -	\$ -	\$ 21.11	\$ 19.59	\$ 18.28	\$ 17.89	\$ 18.18	\$ 18.08	\$ 25.32	\$ 31.80	
3	Allowed Total Delivery Revenue	(1) x (2)	\$ -	\$ -	\$ -	\$ -	\$ 20,184,401	\$ 18,750,175	\$ 17,511,488	\$ 17,246,822	\$ 17,442,784	\$ 18,258,070	\$ 24,397,720	\$ 30,782,779	\$ 184,584,349
4															
5	Forecasted kWh	F2012	-	-	-	-	731,536,000	658,238,000	661,971,000	660,394,000	661,454,000	811,956,000	1,002,165,000	1,268,706,000	
6	Delivery Revenue Per Unit (\$/kWh)	JAP-16	\$ -	\$ -	\$ -	\$ -	\$ 0.028551	\$ 0.028551	\$ 0.026551	\$ 0.026551	\$ 0.026551	\$ 0.028551	\$ 0.028551	\$ 0.026551	
7	Monthly Actual Delivery Revenue per Customer	(5) x (6)	\$ -	\$ -	\$ -	\$ -	\$ 19,429,012	\$ 17,503,428	\$ 17,576,892	\$ 17,534,121	\$ 17,562,295	\$ 21,558,244	\$ 26,608,463	\$ 33,832,311	\$ 171,397,858
8															
9	Deferral	(3) - (7)	\$ -	\$ -	\$ -	\$ -	\$ 761,389	\$ 1,246,747	\$ (84,504)	\$ (287,200)	\$ (119,471)	\$ (3,300,173)	\$ (2,210,763)	\$ (2,839,632)	\$ (8,813,503)
10															
11	Interest on Deferral	Workpapers	\$ -	\$ -	\$ -	\$ -	\$ 1,031	\$ 3,750	\$ 5,351	\$ 4,875	\$ 4,324	\$ (306)	\$ (7,788)	\$ (14,608)	\$ (3,351)
12															
13	Cumulative Deferral	Σ(9) + (11)	\$ -	\$ -	\$ -	\$ -	\$ 762,420	\$ 2,012,817	\$ 1,953,784	\$ 1,871,440	\$ 1,556,283	\$ (1,744,187)	\$ (3,962,719)	\$ (8,818,859)	
14															
15	Deferral Amortization Rate (\$/kWh)	Calculation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
16															
17	Deferral Amortization	(5) x (15)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
18															
19	Cumulative Deferral Net of Amortization	(19) + (9) + (11) - (17)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
20															
21	Schedule 139 Rate (\$ / kWh)	JAP-16	\$ -	\$ -	\$ -	\$ -	\$ 0.000570	\$ 0.000570	\$ 0.000570	\$ 0.000570	\$ 0.000570	\$ 0.000570	\$ 0.000570	\$ 0.000570	
22															
23	Projected Schedule 139 Revenue	(5) x (21)	\$ -	\$ -	\$ -	\$ -	\$ 416,876	\$ 375,768	\$ 377,323	\$ 376,425	\$ 377,029	\$ 462,815	\$ 571,234	\$ 722,022	\$ 3,879,589
24															
25	Projected Revenue	Workpapers	\$ -	\$ -	\$ -	\$ -	\$ 78,030,315	\$ 71,080,739	\$ 71,338,852	\$ 71,203,471	\$ 71,353,618	\$ 85,804,479	\$ 104,095,048	\$ 129,488,366	\$ 682,395,888
26															
27	Monthly Rate Impact	(23) / (25)					0.53%	0.53%	0.53%	0.53%	0.53%	0.54%	0.55%	0.56%	0.54%
28															
29	Average Monthly Bill Impact	(21) * 1000					\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57

Puget Sound Energy  
Decoupling Filing  
Deferral - Electric Non-Residential  
Calendar Year 2013

Line No.	Source	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Total
	(B)	(C)	(C)	(D)	(D)	(E)	(E)	(F)	(F)	(G)	(G)	(H)	(H)	(I)
1	Forecasted Customers													
2	Monthly Actual Delivery Revenue per Customer	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
3	Allowed Total Delivery Revenue	(11) x (2)												
4	Forecasted kWh													
5	Delivery Revenue Per Unit (\$/kWh)													
6	Monthly Actual Delivery Revenue per Customer	(43) x (6)												
7	Defers	(3) - (7)												
8	Workpapers													
9	Interest on Deferral													
10	Cumulative Deferral	Σ(9) + (11)												
11	Deferral Amortization Rate (\$/kWh)													
12	Deferral Amortization	(5) x (15)												
13	Cumulative Deferral Net of Amortization	(19) + (9) + (11) - (17)												
14	JAP-18													
15	(5) x (21)													
16	Workpapers													
17	(23) / (25)													
18	Rate Impact													



**Puget Sound Energy  
Decoupling Filing  
Development of Delivery Cost Energy Rate and Schedule 139 Rate - Electric  
Rate Year - May 1, 2014 through April 30, 2015**

Line No.	Source	Residential	Non-Residential Schedules*	
(a)	(b)	(c)	(d)	
1				
2	Test Year Allowed Delivery Revenue	UE-130137 WP	\$ 373,040,615 \$ 245,053,048	
3				
4	Less: Test Year Basic Charge Revenue	UE-130137 WP	\$ 93,138,648 \$ 31,407,937	
5				
6	Test Year Volumetric Delivery Revenue	(2) - (4)	\$ 279,901,966 \$ 213,645,111	
7				
8	Test Year Base Sales (kWh)	UE-130137 WP	10,773,318,324 10,336,852,083	
9				
10	Test Year Volumetric Delivery Revenue Per Unit (\$/kWh)	(6) / (8)	\$ 0.025981 \$ 0.020668	
11				
12	2014 Allowed Volumetric Delivery Revenue Per Customer	JAP-14	\$ 291.71 \$ 1,731.82	
13				
14	Forecasted Rate Year Customer Count	F2012	980,677 124,707	
15				
16	Forecasted Rate Year Allowed Volumetric Delivery Revenue	(12) x (14)	\$ 286,073,377 \$ 215,969,310	
17				
18	Plus: Deferred Balance at End of Calendar Year 2013	Workpapers	(6,816,859) (1,078,108)	
19				
20	Estimated Recoverable Volumetric Delivery Revenue	(16) + (18)	\$ 279,256,518 \$ 214,891,202	
21				
22	Forecasted Rate Year Base Sales (kWh)	F2012	10,636,576,000 10,670,668,000	
23				
24	Rate Year Volumetric Delivery Revenue Per Unit (\$/kWh)	(20) / (22)	\$ 0.026254 \$ 0.020138	
25				
26	Schedule 139 Rates (\$/kWh)	(24) - (10)	\$ 0.000273 \$ (0.000530)	
27				
28	Post-Rate Test Schedule 139 Rates (\$/kWh)	Page 4	\$ 0.000273 \$ (0.000530)	
29				
30	Post-Rate Test Deferred Balance to Recover/(Refund)	Calculation	\$ (6,816,859) \$ (1,078,108)	
31				
32	* Schedules 24, 25, 26, 26P, 29, 31, 35, 40, 43, 46, 49, as well as related schedules eligible for BPA Res. Exchange.			

Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Electric Residential  
Calendar Year 2014

Line No.	Source	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
1	Forecasted Customers	F2012	968,735	968,187	969,518	970,822	972,044	973,321	974,426	975,887	977,559	979,610	981,598	983,379	
2	Monthly Allowed Delivery Revenue per Customer	JAP-18	\$ 33.21	\$ 31.78	\$ 29.27	\$ 26.12	\$ 21.11	\$ 19.59	\$ 16.28	\$ 17.99	\$ 18.16	\$ 18.98	\$ 25.32	\$ 31.90	
3	Allowed Total Delivery Revenue	(1) x (2)	\$ 32,101,515	\$ 30,773,645	\$ 28,380,796	\$ 25,353,574	\$ 20,517,124	\$ 19,069,858	\$ 17,814,130	\$ 17,551,463	\$ 17,758,956	\$ 18,592,809	\$ 24,852,126	\$ 31,374,240	\$ 284,135,236
4															
5	Forecasted kWh	F2012	1,232,708,000	1,021,618,000	1,015,431,000	855,775,000	736,291,000	662,607,000	684,553,000	662,949,000	684,189,000	816,223,000	1,009,923,000	1,274,981,000	
6	Delivery Revenue Per Unit (\$/kWh)	JAP-18/JAP-22	\$ 0.026551	\$ 0.026551	\$ 0.026551	\$ 0.026551	\$ 0.026254	\$ 0.026254	\$ 0.026254	\$ 0.026254	\$ 0.026254	\$ 0.026254	\$ 0.026254	\$ 0.026254	
7	Monthly Actual Delivery Revenue per Customer	(5) x (6)	\$ 32,729,630	\$ 27,124,926	\$ 26,960,708	\$ 22,721,882	\$ 19,330,584	\$ 17,396,084	\$ 17,447,174	\$ 17,405,063	\$ 17,437,618	\$ 21,429,119	\$ 26,514,518	\$ 33,472,826	\$ 279,069,934
8															
9	Deferral	(3) - (7)	\$ (626,115)	\$ 3,648,719	\$ 1,420,066	\$ 2,631,892	\$ 1,166,540	\$ 1,670,774	\$ 366,955	\$ 146,400	\$ 319,338	\$ (2,836,310)	\$ (1,662,393)	\$ (2,098,568)	\$ 4,185,302
10															
11	Interest on Deferral	Workpapers	\$ (19,304)	\$ (15,213)	\$ (8,349)	\$ (2,862)	\$ 2,847	\$ 8,031	\$ 11,942	\$ 13,789	\$ 15,572	\$ 13,448	\$ 8,941	\$ 5,831	\$ 34,772
12															
13	Cumulative Deferral	Σ(9) + (11)	\$ (7,464,278)	\$ (3,630,773)	\$ (2,419,034)	\$ 209,995	\$ 1,399,483	\$ 3,078,287	\$ 3,457,185	\$ 3,617,374	\$ 3,952,264	\$ 1,129,422	\$ (524,030)	\$ (2,816,785)	
14															
15	Deferral Amortization Rate (\$/kWh)	Calculation	\$ -	\$ -	\$ -	\$ -	\$ (0.000641)	\$ (0.000641)	\$ (0.000641)	\$ (0.000641)	\$ (0.000641)	\$ (0.000641)	\$ (0.000641)	\$ (0.000641)	
16															
17	Deferral Amortization	(5) x (15)	\$ -	\$ -	\$ -	\$ -	\$ (471,880)	\$ (424,657)	\$ (425,904)	\$ (424,876)	\$ (425,671)	\$ (523,108)	\$ (647,248)	\$ (817,108)	
18															
19	Cumulative Deferral Net of Amortization	(19) + (9) + (11) - (17)	\$ -	\$ -	\$ -	\$ -	\$ 1,871,363	\$ 3,974,825	\$ 4,779,826	\$ 5,364,693	\$ 6,125,273	\$ 3,625,519	\$ 2,819,315	\$ 1,543,668	
20															
21	Schedule 139 Rate (\$ / kWh)	JAP-18/JAP-22	\$ 0.000570	\$ 0.000570	\$ 0.000570	\$ 0.000570	\$ 0.000273	\$ 0.000273	\$ 0.000273	\$ 0.000273	\$ 0.000273	\$ 0.000273	\$ 0.000273	\$ 0.000273	
22															
23	Projected Schedule 139 Revenue	(5) x (21)	\$ 702,644	\$ 582,321	\$ 578,796	\$ 487,792	\$ 201,007	\$ 180,892	\$ 181,423	\$ 180,985	\$ 181,324	\$ 222,829	\$ 275,709	\$ 348,064	\$ 4,123,785
24															
25	Projected Revenue	Workpapers	\$ 126,272,487	\$ 108,033,055	\$ 105,421,585	\$ 90,058,046	\$ 78,368,880	\$ 71,307,789	\$ 71,489,667	\$ 71,352,377	\$ 71,520,071	\$ 88,072,859	\$ 104,841,493	\$ 130,004,607	\$ 1,112,542,695
26															
27	Rate Impact	(23) / (25)	0.556%	0.549%	0.549%	0.542%	0.256%	0.254%	0.254%	0.254%	0.254%	0.259%	0.263%	0.268%	0.371%
28															
29	Average Monthly Bill Impact	(21) * 1000	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.27	

Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Electric Non-Residential  
Calendar Year 2014

Line No.	Source	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	Forecasted Customers	F2012	122,916	123,054	123,228	123,400	123,735	124,020	124,269	124,441	124,619	124,711	124,795	124,930
2	Monthly Allowed Delivery Revenue per Customer	JAP-16	\$ 154.04	\$ 148.89	\$ 151.91	\$ 140.41	\$ 133.87	\$ 138.17	\$ 138.75	\$ 143.12	\$ 144.83	\$ 138.67	\$ 145.99	\$ 153.57
3	Allowed Total Delivery Revenue	(1) x (2)	\$ 18,934,151	\$ 18,321,907	\$ 18,719,140	\$ 17,330,697	\$ 16,538,251	\$ 17,133,259	\$ 17,242,458	\$ 17,810,348	\$ 18,023,275	\$ 17,293,569	\$ 18,218,378	\$ 19,185,519
4														\$214,761,012
5	Forecasted kWh	F2012	943,995,000	858,292,000	908,977,000	848,207,000	858,891,000	847,626,000	868,361,000	899,540,000	847,338,000	865,741,000	898,362,000	965,735,000
6	Delivery Revenue Per Unit (\$/kWh)	JAP-18/JAP-22	\$ 0.020307	\$ 0.020307	\$ 0.020307	\$ 0.020307	\$ 0.020138	\$ 0.020138	\$ 0.020138	\$ 0.020138	\$ 0.020138	\$ 0.020138	\$ 0.020138	\$ 0.020138
7	Monthly Actual Delivery Revenue per Customer	(5) x (6)	\$ 19,169,706	\$ 17,429,330	\$ 18,458,596	\$ 17,183,926	\$ 17,256,071	\$ 17,069,492	\$ 17,849,538	\$ 18,114,937	\$ 17,063,693	\$ 17,434,292	\$ 18,050,938	\$ 19,447,971
8														\$214,528,496
9	Deferral	(3) - (7)	\$ (235,555)	\$ 892,631	\$ 260,544	\$ 155,772	\$ (716,820)	\$ 63,787	\$ (807,060)	\$ (304,589)	\$ 959,562	\$ (140,723)	\$ 167,440	\$ (262,452)
10														\$ 232,516
11	Interest on Deferral	Workpapers	\$ (3,187)	\$ (2,297)	\$ (738)	\$ (172)	\$ (815)	\$ (1,465)	\$ (1,964)	\$ (2,954)	\$ (1,828)	\$ (485)	\$ (208)	\$ (82)
12														\$ (18,194)
13	Cumulative Deferral	Σ(9) + (11)	\$ (1,316,851)	\$ (426,517)	\$ (166,709)	\$ (11,109)	\$ (728,744)	\$ (666,443)	\$ (1,275,487)	\$ (1,583,030)	\$ (825,276)	\$ (766,485)	\$ (599,253)	\$ (861,768)
14														
15	Deferral Amortization Rate (\$/kWh)	Calculation	\$ -	\$ -	\$ -	\$ -	\$ (0.000101)	\$ (0.000101)	\$ (0.000101)	\$ (0.000101)	\$ (0.000101)	\$ (0.000101)	\$ (0.000101)	\$ (0.000101)
16														
17	Deferral Amortization	(5) x (15)	\$ -	\$ -	\$ -	\$ -	\$ (86,578)	\$ (85,840)	\$ (89,553)	\$ (90,885)	\$ (85,811)	\$ (87,470)	\$ (90,504)	\$ (87,573)
18														
19	Cumulative Deferral Net of Amortization	(13) + (9) + (11) - (17)	\$ -	\$ -	\$ -	\$ -	\$ (642,168)	\$ (494,227)	\$ (1,013,718)	\$ (1,230,376)	\$ (187,012)	\$ (240,751)	\$ 17,045	\$ (147,916)
20														
21	Schedule 139 Rate (\$ / kWh)	JAP-18/JAP-22	\$ (0.000381)	\$ (0.000381)	\$ (0.000381)	\$ (0.000381)	\$ (0.000530)	\$ (0.000530)	\$ (0.000530)	\$ (0.000530)	\$ (0.000530)	\$ (0.000530)	\$ (0.000530)	\$ (0.000530)
22														
23	Projected Schedule 139 Revenue	(5) x (21)	\$ (340,782)	\$ (309,843)	\$ (328,141)	\$ (305,481)	\$ (454,152)	\$ (440,242)	\$ (459,771)	\$ (476,756)	\$ (449,089)	\$ (458,843)	\$ (475,072)	\$ (511,643)
24														\$ (5,029,012)
25	Projected Revenue	Workpapers	\$ 81,166,587	\$ 74,051,959	\$ 78,257,162	\$ 73,012,091	\$ 73,781,601	\$ 73,029,160	\$ 76,248,272	\$ 77,285,725	\$ 73,034,181	\$ 74,524,575	\$ 77,039,760	\$ 82,838,343
26														\$ 914,317,437
27	Rate Impact	(23) / (25)	-0.420%	-0.418%	-0.419%	-0.418%	-0.618%	-0.615%	-0.616%	-0.617%	-0.615%	-0.618%	-0.618%	-0.550%

**Puget Sound Energy  
Decoupling Filing  
Development of Delivery Cost Energy Rate and Schedule 139 Rate - Electric  
Rate Year - May 1, 2015 through April 30, 2016**

Line No.	(a)	Source (b)	Residential (c)	Non-Residential Schedules* (d)
1				
2	Test Year Allowed Delivery Revenue	UE-130137 WP	\$ 373,040,615	\$ 245,053,048
3				
4	Less: Test Year Basic Charge Revenue	UE-130137 WP	\$ 93,138,648	\$ 31,407,937
5				
6	Test Year Volumetric Delivery Revenue	(2) - (4)	\$ 279,901,966	\$ 213,645,111
7				
8	Test Year Base Sales (kWh)	UE-130137 WP	10,773,318,324	10,336,852,083
9				
10	Test Year Volumetric Delivery Revenue Per Unit (\$/kWh)	(6) / (8)	\$ 0.025981	\$ 0.020668
11				
12	2015 Allowed Volumetric Delivery Revenue Per Customer	JAP-14	\$ 291.71	\$ 1,731.82
13				
14	Forecasted Rate Year Customer Count	F2012	1,000,218	126,876
15				
16	Forecasted Rate Year Allowed Volumetric Delivery Revenue	(12) x (14)	\$ 291,773,693	\$ 219,726,462
17				
18	Plus: Deferred Balance at End of Calendar Year 2014	Workpapers	1,543,668	(147,916)
19				
20	Estimated Recoverable Volumetric Delivery Revenue	(16) + (18)	\$ 293,317,362	\$ 219,578,546
21				
22	Forecasted Rate Year Base Sales (kWh)	F2012	10,713,216,000	10,827,536,000
23				
24	Rate Year Volumetric Delivery Revenue Per Unit (\$/kWh)	(20) / (22)	\$ 0.027379	\$ 0.020280
25				
26	Schedule 139 Rates (\$/kWh)	(24) - (10)	\$ 0.001398	\$ (0.000388)
27				
28	Post-Rate Test Schedule 139 Rates (\$/kWh)	Page 8	\$ 0.001398	\$ (0.000388)
29				
30	Post-Rate Test Deferred Balance to Recover/(Refund)	Calculation	\$ 1,543,668	\$ (147,916)
31				
32	* Schedules 24, 25, 26, 26P, 29, 31, 35, 40, 43, 46, 49, as well as related schedules eligible for BPA Res. Exchange.			

Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Electric Residential  
Calendar Year 2015

Line No.	Source	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
1	Forecasted Customers	F2012	985,205	986,671	988,384	989,844	991,169	992,585	993,775	995,313	997,050	999,184	1,001,210	1,003,037	
2	Monthly Allowed Delivery Revenue per Customer	JAP-16	\$ 33.21	\$ 31.78	\$ 29.27	\$ 26.12	\$ 21.11	\$ 19.59	\$ 18.28	\$ 17.99	\$ 18.18	\$ 18.98	\$ 25.32	\$ 31.90	
3	Allowed Total Delivery Revenue	(1) x (2)	\$ 32,714,833	\$ 31,387,502	\$ 28,933,039	\$ 25,850,328	\$ 20,921,417	\$ 19,444,237	\$ 18,167,663	\$ 17,900,833	\$ 18,111,005	\$ 18,963,945	\$ 25,348,656	\$ 32,001,441	\$ 289,725,100
4															
5	Forecasted kWh	F2012	1,239,849,000	1,027,005,000	1,020,120,000	858,906,000	738,441,000	663,815,000	665,083,000	663,609,000	665,178,000	818,232,000	1,014,539,000	1,261,401,000	
6	Delivery Revenue Per Unit (\$/kWh)	Page 3 & 7	\$ 0.026254	\$ 0.026254	\$ 0.026254	\$ 0.026254	\$ 0.027379	\$ 0.027379	\$ 0.027379	\$ 0.027379	\$ 0.027379	\$ 0.027379	\$ 0.027379	\$ 0.027379	
7	Monthly Actual Delivery Revenue per Customer	(5) x (6)	\$ 32,524,742	\$ 26,962,989	\$ 26,782,230	\$ 22,549,716	\$ 20,217,776	\$ 18,174,591	\$ 18,209,307	\$ 18,168,951	\$ 18,211,908	\$ 22,432,374	\$ 27,777,063	\$ 35,033,478	\$ 287,065,120
8															
9	Deferral	(3) - (7)	\$ 190,091	\$ 4,404,513	\$ 2,150,809	\$ 3,300,610	\$ 703,641	\$ 1,269,646	\$ (41,444)	\$ (268,118)	\$ (100,903)	\$ (3,438,429)	\$ (2,428,407)	\$ (3,082,037)	\$ 2,659,672
10															
11	Interest on Deferral	Workpapers	\$ 5,428	\$ 13,617	\$ 24,270	\$ 33,283	\$ 39,307	\$ 41,705	\$ 43,109	\$ 42,431	\$ 41,672	\$ 36,560	\$ 28,287	\$ 20,377	\$ 370,076
12															
13	Cumulative Deferral	(9) + (11)	\$ (2,421,285)	\$ 1,998,864	\$ 4,171,943	\$ 7,505,837	\$ 8,248,784	\$ 9,560,136	\$ 9,561,801	\$ 9,338,115	\$ 9,276,883	\$ 5,875,044	\$ 3,474,924	\$ 413,264	
14															
15	Deferral Amortization Rate (\$/kWh)	Calculation	\$ (0.000841)	\$ (0.000841)	\$ (0.000841)	\$ (0.000841)	\$ 0.000144	\$ 0.000144	\$ 0.000144	\$ 0.000144	\$ 0.000144	\$ 0.000144	\$ 0.000144	\$ 0.000144	
16															
17	Deferral Amortization	(5) x (15)	\$ (793,964)	\$ (856,196)	\$ (653,783)	\$ (550,483)	\$ 106,402	\$ 95,649	\$ 95,832	\$ 95,619	\$ 95,846	\$ 117,899	\$ 146,185	\$ 164,837	
18															
19	Cumulative Deferral Net of Amortization	(19) + (9) + (11) - (17)	\$ 2,533,152	\$ 7,609,477	\$ 10,438,339	\$ 14,322,695	\$ 14,959,241	\$ 16,174,944	\$ 16,080,777	\$ 15,759,471	\$ 15,604,394	\$ 12,084,655	\$ 9,538,350	\$ 6,292,053	
20															
21	Schedule 139 Rate (\$/kWh)	Page 3 & 7	\$ 0.000273	\$ 0.000273	\$ 0.000273	\$ 0.000273	\$ 0.001398	\$ 0.001398	\$ 0.001398	\$ 0.001398	\$ 0.001398	\$ 0.001398	\$ 0.001398	\$ 0.001398	
22															
23	Projected Schedule 139 Revenue	(5) x (21)	\$ 338,206	\$ 260,372	\$ 278,493	\$ 234,481	\$ 1,032,341	\$ 828,013	\$ 829,786	\$ 927,725	\$ 928,918	\$ 1,143,888	\$ 1,418,326	\$ 1,791,399	\$ 10,232,949
24															
25	Projected Revenue	Workpapers	\$ 126,849,380	\$ 106,401,363	\$ 105,724,352	\$ 80,758,523	\$ 79,560,263	\$ 72,325,117	\$ 72,443,405	\$ 72,317,227	\$ 72,519,158	\$ 87,341,681	\$ 106,381,195	\$ 132,218,847	\$ 1,124,140,532
26															
27	Rate Impact	(23) / (25)	0.267%	0.264%	0.263%	0.260%	1.298%	1.283%	1.283%	1.283%	1.282%	1.310%	1.333%	1.355%	0.910%
28															
29	Average Monthly BA Impact	(23) * 1000	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.27	\$ 1.40	\$ 1.40	\$ 1.40	\$ 1.40	\$ 1.40	\$ 1.40	\$ 1.40	\$ 1.40	\$ 1.40

Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Electric Non-Residential  
Calendar Year 2015

Line No.	Source	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
1	Forecasted Customers	F2012	124,681	125,123	125,302	125,573	125,829	126,105	126,366	126,566	126,755	126,855	126,947	127,093	
2	Monthly Allowed Delivery Revenue per Customer	JAP-16	\$ 154.04	\$ 148.80	\$ 151.91	\$ 140.41	\$ 133.67	\$ 138.17	\$ 138.75	\$ 143.12	\$ 144.83	\$ 138.67	\$ 145.99	\$ 153.57	
3	Allowed Total Delivery Revenue	(1) x (2)	\$ 19,252,221	\$ 18,629,944	\$ 19,034,220	\$ 17,632,184	\$ 16,818,112	\$ 17,424,134	\$ 17,536,162	\$ 18,114,610	\$ 18,332,169	\$ 17,590,946	\$ 18,532,553	\$ 19,517,741	\$218,416,018
4															
5	Forecasted kWh	F2012	958,201,000	870,343,000	921,274,000	857,255,000	887,722,000	857,053,000	895,340,000	908,883,000	857,006,000	875,666,000	906,619,000	976,689,000	
6	Delivery Revenue Per Unit (\$/kWh)	Page 3 & 7	\$ 0.020138	\$ 0.020138	\$ 0.020138	\$ 0.020138	\$ 0.020280	\$ 0.020280	\$ 0.020280	\$ 0.020280	\$ 0.020280	\$ 0.020280	\$ 0.020280	\$ 0.020280	
7	Monthly Actual Delivery Revenue per Customer	(5) x (6)	\$ 19,255,976	\$ 17,526,967	\$ 18,552,816	\$ 17,263,401	\$ 17,597,402	\$ 17,381,035	\$ 18,157,495	\$ 18,434,175	\$ 17,380,082	\$ 17,762,603	\$ 18,386,233	\$ 19,806,847	\$217,504,833
8															
9	Deferral	(3) - (7)	\$ (3,755)	\$ 1,102,977	\$ 481,604	\$ 368,783	\$ (778,290)	\$ 43,099	\$ (621,333)	\$ (319,566)	\$ 952,108	\$ (171,655)	\$ 148,320	\$ (289,107)	\$ 911,165
10															
11	Interest on Deferral	Workpapers	\$ (179)	\$ 1,559	\$ 3,950	\$ 5,345	\$ 4,924	\$ 3,960	\$ 3,209	\$ 1,969	\$ 2,858	\$ 3,947	\$ 3,946	\$ 3,787	\$ 39,274
12															
13	Cumulative Deferral	((9) + (11))	\$ (865,721)	\$ 238,815	\$ 724,369	\$ 1,098,497	\$ 325,130	\$ 372,190	\$ (245,934)	\$ (563,531)	\$ 391,435	\$ 223,720	\$ 373,992	\$ 88,672	
14															
15	Deferral Amortization Rate (\$/kWh)	Calculation	\$ (0.000101)	\$ (0.000101)	\$ (0.000101)	\$ (0.000101)	\$ (0.000014)	\$ (0.000014)	\$ (0.000014)	\$ (0.000014)	\$ (0.000014)	\$ (0.000014)	\$ (0.000014)	\$ (0.000014)	
16															
17	Deferral Amortization	(5) x (15)	\$ (96,610)	\$ (67,935)	\$ (93,081)	\$ (86,613)	\$ (11,854)	\$ (11,708)	\$ (12,231)	\$ (12,418)	\$ (11,703)	\$ (11,965)	\$ (12,389)	\$ (13,342)	
18															
19	Cumulative Deferral Net of Amortization	(19) = (9) + (11) - (17)	\$ (55,241)	\$ 1,137,230	\$ 1,715,655	\$ 2,176,605	\$ 1,415,092	\$ 1,473,860	\$ 687,968	\$ 562,768	\$ 1,529,462	\$ 1,373,719	\$ 1,536,370	\$ 1,264,392	
20															
21	Schedule 139 Rate (\$ / kWh)	Page 3 & 7	\$ (0.000530)	\$ (0.000530)	\$ (0.000530)	\$ (0.000530)	\$ (0.000388)	\$ (0.000388)	\$ (0.000388)	\$ (0.000388)	\$ (0.000388)	\$ (0.000388)	\$ (0.000388)	\$ (0.000388)	
22															
23	Projected Schedule 139 Revenue	(5) x (21)	\$ (506,787)	\$ (481,282)	\$ (488,275)	\$ (454,345)	\$ (338,676)	\$ (332,537)	\$ (347,392)	\$ (352,665)	\$ (332,518)	\$ (339,837)	\$ (351,768)	\$ (378,948)	\$ (4,683,050)
24															
25	Projected Revenue	Workpapers	\$ 82,065,197	\$ 74,952,462	\$ 79,169,321	\$ 73,830,786	\$ 74,848,913	\$ 73,078,680	\$ 77,164,019	\$ 78,243,004	\$ 74,004,179	\$ 75,534,723	\$ 78,115,452	\$ 83,928,994	\$825,836,709
26															
27	Ratio Impact	(23)/(25)	-0.618%	-0.615%	-0.617%	-0.615%	-0.450%	-0.450%	-0.450%	-0.451%	-0.449%	-0.450%	-0.452%	-0.506%	

**Puget Sound Energy**  
**Decoupling Filing**  
**Development of Delivery Cost Energy Rate and Schedule 139 Rate - Electric**  
**Rate Year - May 1, 2016 through April 30, 2017**

Line No.	(a)	(b)	(c)	(d)
		Source	Residential	Non-Residential Schedules*
1				
2	Test Year Allowed Delivery Revenue	UE-130137 WWP	\$ 373,040,615	\$ 245,053,048
3				
4	Less: Test Year Basic Charge Revenue	UE-130137 WWP	\$ 93,138,648	\$ 31,407,937
5				
6	Test Year Volumetric Delivery Revenue	(2) - (4)	\$ 279,901,966	\$ 213,645,111
7				
8	Test Year Base Sales (kWh)	UE-130137 WWP	10,773,318,324	10,336,852,083
9				
10	Test Year Volumetric Delivery Revenue Per Unit (\$/kWh)	(6) / (8)	\$ 0.025981	\$ 0.020668
11				
12	2016 Allowed Volumetric Delivery Revenue Per Customer	JAP-14	\$ 291.71	\$ 1,731.82
13				
14	Forecasted Rate Year Customer Count	F2012	1,019,919	129,310
15				
16	Forecasted Rate Year Allowed Volumetric Delivery Revenue	(12) x (14)	\$ 297,520,651	\$ 223,941,330
17				
18	Plus: Deferred Balance at End of Calendar Year 2015	Workpapers	6,292,053	1,264,392
19				
20	Estimated Recoverable Volumetric Delivery Revenue	(16) + (18)	\$ 303,812,703	\$ 225,205,723
21				
22	Forecasted Rate Year Base Sales (kWh)	F2012	10,695,441,000	10,934,009,000
23				
24	Rate Year Volumetric Delivery Revenue Per Unit (\$/kWh)	(20) / (22)	\$ 0.028406	\$ 0.020597
25				
26	Schedule 139 Rates (\$/kWh)	(24) - (10)	\$ 0.002425	\$ (0.000071)
27				
28	Post-Rate Test Schedule 139 Rates (\$/kWh)	Page 12	\$ 0.002425	\$ (0.000071)
29				
30	Post-Rate Test Deferred Balance to Recover/(Refund)	Calculation	\$ 6,292,053	\$ 1,264,392
31				
32	* Schedules 24, 25, 26, 26P, 29, 31, 35, 40, 43, 46, 49, as well as related schedules eligible for BPA Res. Exchange.			

Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Electric Residential  
Calendar Year 2016

Line No.	Source	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
1	Forecasted Customers	F2012	1,004,607	1,006,609	1,008,148	1,009,622	1,010,982	1,012,356	1,013,541	1,015,067	1,016,791	1,018,896	1,020,929	1,022,735	
2	Monthly Allowed Delivery Revenue per Customer	JAP-16	\$ 33.21	\$ 31.78	\$ 29.27	\$ 28.12	\$ 21.11	\$ 19.59	\$ 18.28	\$ 17.69	\$ 18.16	\$ 18.98	\$ 25.32	\$ 31.90	
3	Allowed Total Delivery Revenue	(1) x (2)	\$ 33,369,050	\$ 31,994,860	\$ 29,511,610	\$ 28,368,852	\$ 21,338,987	\$ 18,831,723	\$ 18,529,210	\$ 18,256,112	\$ 18,469,003	\$ 19,338,461	\$ 25,847,908	\$ 32,629,977	\$ 295,484,288
4															
5	Forecasted kWh	F2012	1,244,238,000	1,072,562,000	1,023,983,000	862,134,000	740,792,000	664,990,000	665,485,000	664,284,000	665,951,000	819,704,000	1,018,187,000	1,285,058,000	
6	Delivery Revenue Per Unit (\$/kWh)	Page 7 & 11	\$ 0.027378	\$ 0.027379	\$ 0.027379	\$ 0.027379	\$ 0.028408	\$ 0.028408	\$ 0.028408	\$ 0.028408	\$ 0.028408	\$ 0.028408	\$ 0.028408	\$ 0.028408	
7	Monthly Actual Delivery Revenue per Customer	(5) x (6)	\$ 34,065,692	\$ 29,385,675	\$ 28,035,631	\$ 23,604,367	\$ 21,042,938	\$ 18,689,933	\$ 18,904,051	\$ 18,669,935	\$ 18,917,004	\$ 23,284,512	\$ 28,922,620	\$ 36,503,301	\$ 300,405,668
8															
9	Deferral	(3) - (7)	\$ (686,934)	\$ 2,629,211	\$ 1,475,978	\$ 2,762,485	\$ 286,049	\$ 641,760	\$ (374,841)	\$ (613,823)	\$ (447,402)	\$ (3,846,051)	\$ (3,074,712)	\$ (3,873,424)	\$ (4,921,672)
10															
11	Interest on Deferral	Workpapers	\$ 14,787	\$ 16,832	\$ 22,082	\$ 27,453	\$ 30,837	\$ 31,399	\$ 31,101	\$ 28,703	\$ 26,200	\$ 19,073	\$ 8,101	\$ (3,143)	\$ 253,504
12															
13	Cumulative Deferral	I(9) + (11)	\$ (268,903)	\$ 2,377,239	\$ 3,875,300	\$ 6,665,238	\$ 6,992,124	\$ 7,965,307	\$ 7,621,507	\$ 7,038,446	\$ 6,815,251	\$ 2,688,272	\$ (378,339)	\$ (4,254,905)	
14															
15	Deferral Amortization Rate (\$/kWh)	Calculation	\$ 0.000144	\$ 0.000144	\$ 0.000144	\$ 0.000144	\$ 0.000588	\$ 0.000588	\$ 0.000588	\$ 0.000588	\$ 0.000588	\$ 0.000588	\$ 0.000588	\$ 0.000588	
16															
17	Deferral Amortization	(5) x (15)	\$ 179,282	\$ 154,546	\$ 147,546	\$ 124,225	\$ 435,603	\$ 391,214	\$ 391,500	\$ 390,799	\$ 391,774	\$ 482,228	\$ 590,992	\$ 755,989	
18															
19	Cumulative Deferral Net of Amortization	(19) + (9) + (11) - (17)	\$ 5,430,603	\$ 7,922,200	\$ 8,272,715	\$ 11,038,429	\$ 11,829,511	\$ 12,411,481	\$ 11,676,235	\$ 10,700,315	\$ 9,897,345	\$ 5,478,140	\$ 1,612,537	\$ (2,620,010)	
20															
21	Schedule 139 Rate (\$ / kWh)	Page 7 & 11	\$ 0.001398	\$ 0.001398	\$ 0.001398	\$ 0.001398	\$ 0.002425	\$ 0.002425	\$ 0.002425	\$ 0.002425	\$ 0.002425	\$ 0.002425	\$ 0.002425	\$ 0.002425	
22															
23	Projected Schedule 139 Revenue	(5) x (21)	\$ 1,739,445	\$ 1,499,442	\$ 1,431,528	\$ 1,205,263	\$ 1,756,421	\$ 1,812,620	\$ 1,813,825	\$ 1,810,913	\$ 1,814,931	\$ 1,987,782	\$ 2,469,103	\$ 3,116,261	\$ 21,697,535
24															
25	Projected Revenue	Workpapers	\$ 128,724,446	\$ 112,130,738	\$ 107,405,920	\$ 91,696,657	\$ 80,708,093	\$ 73,281,846	\$ 73,325,853	\$ 73,225,223	\$ 73,436,374	\$ 88,488,393	\$ 107,940,968	\$ 134,053,008	\$ 1,144,417,518
26															
27	Rate Impact	(23) / (25)	1.351%	1.337%	1.333%	1.314%	2.226%	2.201%	2.201%	2.200%	2.189%	2.248%	2.287%	2.325%	1.896%
28															
29	Average Monthly BI Impact	(21) * 1000	\$ 1.40	\$ 1.40	\$ 1.40	\$ 1.40	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	



Pugat Sound Energy  
Decoupling Filing  
Development of Deferrals - Electric Non-Residential  
Calendar Year 2016

Line No.	Source	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
1	Forecasted Customers	F2012	127,181	127,356	127,569	127,870	128,154	128,459	128,760	129,071	129,185	129,308	129,588		
2	Monthly Allowed Delivery Revenue per Customer	JAP-16	\$ 154.04	\$ 148.89	\$ 151.91	\$ 140.41	\$ 133.67	\$ 138.17	\$ 138.75	\$ 143.12	\$ 144.83	\$ 138.67	\$ 145.99	\$ 153.57	
3	Allowed Total Delivery Revenue	(1) x (2)	\$ 19,591,064	\$ 18,962,510	\$ 19,378,469	\$ 17,954,700	\$ 17,129,890	\$ 17,749,306	\$ 17,866,425	\$ 18,458,789	\$ 18,683,717	\$ 17,931,056	\$ 18,893,649	\$ 19,900,910	\$ 222,500,485
4															
5	Forecasted kWh	F2012	967,357,000	916,073,000	931,002,000	867,845,000	878,265,000	867,523,000	905,661,000	918,798,000	867,887,000	888,340,000	919,388,000	889,466,000	
6	Delivery Revenue Per Unit (\$/kWh)	Page 7 & 11	\$ 0.020263	\$ 0.020280	\$ 0.020280	\$ 0.020280	\$ 0.020597	\$ 0.020597	\$ 0.020597	\$ 0.020597	\$ 0.020597	\$ 0.020597	\$ 0.020597	\$ 0.020597	
7	Monthly Actual Delivery Revenue per Customer	(5) x (6)	\$ 19,619,000	\$ 18,577,660	\$ 18,880,721	\$ 17,599,897	\$ 18,090,030	\$ 17,668,371	\$ 18,659,019	\$ 18,924,441	\$ 17,873,457	\$ 18,297,139	\$ 18,936,635	\$ 20,380,031	\$ 223,708,707
8															
9	Deferral	(3) - (7)	\$ (26,936)	\$ 384,550	\$ 497,749	\$ 354,804	\$ (960,146)	\$ (119,065)	\$ (791,544)	\$ (465,652)	\$ 808,260	\$ (366,083)	\$ (42,986)	\$ (479,122)	\$ (1,206,222)
10															
11	Interest on Deferral	Workpapers	\$ 3,395	\$ 3,914	\$ 5,143	\$ 6,331	\$ 5,390	\$ 3,655	\$ 2,144	\$ 156	\$ 340	\$ 664	\$ (173)	\$ (1,179)	\$ 29,778
12															
13	Cumulative Deferral	[(9) + (11)]	\$ 65,131	\$ 453,595	\$ 956,487	\$ 1,317,821	\$ 382,865	\$ 247,454	\$ (541,996)	\$ (1,007,493)	\$ (198,893)	\$ (564,312)	\$ (607,471)	\$ (1,087,772)	
14															
15	Deferral Amortization Rate (\$/kWh)	Calculation	\$ (0.000014)	\$ (0.000014)	\$ (0.000014)	\$ (0.000014)	\$ 0.000116	\$ 0.000116	\$ 0.000116	\$ 0.000116	\$ 0.000116	\$ 0.000116	\$ 0.000116	\$ 0.000116	
16															
17	Deferral Amortization	(5) x (15)	\$ (13,215)	\$ (12,515)	\$ (12,719)	\$ (11,850)	\$ 101,564	\$ 100,319	\$ 104,752	\$ 108,248	\$ 100,359	\$ 102,726	\$ 106,317	\$ 114,420	
18															
19	Cumulative Deferral Net of Amortization	(10) + (9) + (11) - (17)	\$ 1,254,068	\$ 1,655,045	\$ 2,170,655	\$ 2,543,645	\$ 1,487,325	\$ 1,271,596	\$ 377,393	\$ (194,352)	\$ 513,889	\$ 45,743	\$ (103,732)	\$ (688,454)	
20															
21	Schedule 139 Rate (\$ / kWh)	Page 7 & 11	\$ (0.000388)	\$ (0.000388)	\$ (0.000388)	\$ (0.000388)	\$ (0.000071)	\$ (0.000071)	\$ (0.000071)	\$ (0.000071)	\$ (0.000071)	\$ (0.000071)	\$ (0.000071)	\$ (0.000071)	
22															
23	Projected Schedule 139 Revenue	(5) x (21)	\$ (375,335)	\$ (355,436)	\$ (361,229)	\$ (336,724)	\$ (82,358)	\$ (81,594)	\$ (84,310)	\$ (65,235)	\$ (61,619)	\$ (63,072)	\$ (65,277)	\$ (70,252)	\$ (1,942,448)
24															
25	Projected Revenue	Workpapers	\$ 83,178,770	\$ 78,930,021	\$ 80,159,235	\$ 74,882,868	\$ 78,055,038	\$ 75,174,880	\$ 78,376,625	\$ 79,399,775	\$ 75,233,581	\$ 76,903,879	\$ 78,518,583	\$ 85,358,441	\$ 943,173,576
26															
27	Rate Impact	(23) / (25)	-0.451%	-0.450%	-0.451%	-0.450%	-0.082%	-0.082%	-0.082%	-0.082%	-0.082%	-0.082%	-0.082%	-0.206%	

Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Electric Residential  
Calendar Year 2017

Use No.	Source	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	Forecasted Customers	F2012	1,024,577	1,028,243										
2	Monthly Allowed Delivery Revenue per Customer	JAP-16	\$ 33.21	\$ 31.78										
3	Allowed Total Delivery Revenue	(1) x (2)	\$ 34,022,228	\$ 32,618,945										\$ 66,641,173
4														
5	Forecasted kWh	F2012	1,247,644,000	1,034,735,000										
6	Delivery Revenue Per Unit (\$/kWh)	Page 11	\$ 0.028408	\$ 0.028408										
7	Monthly Actual Delivery Revenue per Customer	(5) x (6)	\$ 35,440,575	\$ 29,382,682										\$ 64,833,258
8	Deferral	(3) - (7)	\$ (1,418,348)	\$ 3,229,263										\$ 1,807,915
9														
10														
11	Interest on Deferral	Workpapers	\$ (12,326)	\$ (11,696)										\$ (24,022)
12														
13	Cumulative Deferral	I(9) + (11)	\$ (5,685,579)	\$ (2,471,012)										
14														
15	Deferral Amortization Rate (\$/kWh)	Calculation	\$ 0.000588	\$ 0.000588										
16														
17	Deferral Amortization	(5) x (15)	\$ 733,880	\$ 608,727										
18														
19	Cumulative Deferral Net of Amortization	(13) + (8) + (11) - (17)	\$ (4,984,673)	\$ (2,378,833)										
20														
21	Schedule 139 Rate (\$ / kWh)	Page 11	\$ 0.002425	\$ 0.002425										
22														
23	Projected Schedule 139 Revenue	(5) x (21)	\$ 3,025,537	\$ 2,509,232										\$ 5,534,769
24														
25	Projected Revenue	Workpapers	\$ 130,492,027	\$ 109,685,397										\$ 240,177,424
26														
27	Rate Impact	(23) / (25)	2.319%	2.288%										2.304%
28														
29	Average Monthly B4 Impact	(21) * 1000	\$ 2.43	\$ 2.43										

Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Electric Non-Residential  
Calendar Year 2017

Line No.	Source	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	Forecasted Customers	F2012	129,684	129,631										
2	Monthly Allowed Delivery Revenue per Customer	JAP-16	\$ 154.04	\$ 148.89										
3	Allowed Total Delivery Revenue	(1) x (2)	\$ 19,973,672	\$ 19,330,835										\$ 39,304,607
4														
5	Forecasted kWh	F2012	979,971,000	893,783,000										
6	Delivery Revenue Per Unit (\$/kWh)	Page 11	\$ 0.020597	\$ 0.020597										\$ 30,593,711
7	Monthly Actual Delivery Revenue per Customer	(5) x (6)	\$ 20,184,463	\$ 18,409,240										
8														\$ 710,895
9	Deferral	(3) - (7)	\$ (210,791)	\$ 921,886										
10														\$ (4,175)
11	Interest on Deferral	Workpapers	\$ (2,422)	\$ (1,753)										
12														
13	Cumulative Deferral	Σ((9) + (11))	\$ (1,300,685)	\$ (381,052)										
14														
15	Deferral Amortization Rate (\$/kWh)	Calculation	\$ 0.000118	\$ 0.000110										
16														
17	Deferral Amortization	(5) x (15)	\$ 113,322	\$ 103,356										
18														
19	Cumulative Deferral Net of Amortization	(19) + (9) + (11) - (17)	\$ (1,024,969)	\$ (208,411)										
20														
21	Schedule 139 Rate (\$ / kWh)	Page 11	\$ (0.000071)	\$ (0.000071)										
22														
23	Projected Schedule 139 Revenue	(5) x (21)	\$ (69,576)	\$ (63,459)										\$ (133,037)
24														
25	Projected Revenue	Workpapers	\$ 84,590,426	\$ 77,411,366										\$ 162,001,791
26														
27	Rate Impact	(23) / (25)	-0.082%	-0.082%										-0.082%

**ATTACHMENT B to PSE's Response to  
Bench Request No. 001**

**Puget Sound Energy  
Decoupling Filing  
Development of Allowed Delivery Revenue Per Customer - Natural Gas**

Line No.	Source	Residential	Non-Residential Schedules*
(a)	(b)	(c)	(d)
1			
2	Total Proforma Test Year Revenue	UG-130138 WP	\$ 291,961,293 \$ 121,900,413
3			
4	Test Year Customers	Quarterly Report	703,594 56,681
5			
6	Test Year Annual Delivery Revenue Per Customer	(2) / (4)	\$ 414.96 \$ 2,150.64
7			
8	K-Factor		
9	- Effective May 1, 2013	Input	1.000 1.000
10	- Effective January 1, 2014	Input	1.000 1.000
11	- Effective January 1, 2015	Input	1.000 1.000
12	- Effective January 1, 2016	Input	1.000 1.000
13	- Effective January 1, 2017**	Input	1.000 1.000
14			
15	K-Factor Adjusted Annual Delivery Revenue Per Customer		
16	- Effective May 1, 2013	(6) x (9)	\$ 414.96 \$ 2,150.64
17	- Effective January 1, 2014	(16) x (10)	\$ 414.96 \$ 2,150.64
18	- Effective January 1, 2015	(17) x (11)	\$ 414.96 \$ 2,150.64
19	- Effective January 1, 2016	(18) x (12)	\$ 414.96 \$ 2,150.64
20	- Effective January 1, 2017**	(19) x (13)	\$ 414.96 \$ 2,150.64
21			
22	Test Year Basic & Minimum Charge Revenue	UG-130138 WP	\$ 88,318,800 \$ 31,696,914
23			
24	Test Year Basic & Minimum Charge Revenue Per Customer	(22) / (4)	\$ 125.53 \$ 559.22
25			
26	Annual Allowed Volumetric Delivery Revenue Per Customer		
27	- Effective May 1, 2013	(16) - (24)	\$ 289.43 \$ 1,591.42
28	- Effective January 1, 2014	(17) - (24)	\$ 289.43 \$ 1,591.42
29	- Effective January 1, 2015	(18) - (24)	\$ 289.43 \$ 1,591.42
30	- Effective January 1, 2016	(19) - (24)	\$ 289.43 \$ 1,591.42
31	- Effective January 1, 2017**	(20) - (24)	\$ 289.43 \$ 1,591.42
32			
33	* Includes Schedules 31, 31T, 41, 41T, 85, 85T, 86, 86T, 87 and 87T. Rates for special contract customers are governed by thier contracts.		
34	** Only if rates from PSE's next general rate case have not yet gone into effect.		

**Puget Sound Energy  
Decoupling Filing  
Development of Delivery Cost Energy Rate and Rate Change - Natural Gas  
Rate Year - May 1, 2013 through April 30, 2014**

Line No.	(a)	Source (b)	Residential (c)	Non-Residential Schedules* (d)
1				
2	Test Year Allowed Delivery Revenue	UG-130138 WP	\$ 291,961,293	\$ 121,900,413
3				
4	Less: Test Year Basic & Minimum Charge Revenue	UG-130138 WP	\$ 88,318,800	\$ 31,696,914
5				
6	Test Year Volumetric Delivery Revenue	(2) - (4)	\$ 203,642,492	\$ 90,203,499
7				
8	Test Year Base Sales (Therms)	UG-130138 WP	559,688,037	512,283,585
9				
10	Test Year Volumetric Delivery Revenue Per Unit (\$/Therm)	(6) / (8)	\$ 0.36385	\$ 0.17608
11				
12	2013 Allowed Volumetric Delivery Revenue Per Customer	JAP-15	\$ 289.43	\$ 1,591.42
13				
14	Forecasted Rate Year Customer Count	F2012	719,962	57,843
15				
16	Forecasted Rate Year Allowed Volumetric Delivery Revenue	(12) x (14)	\$ 208,378,666	\$ 92,052,686
17				
18	Plus: Deferred Balance at End of Calendar Year 2012		\$ -	\$ -
19				
20	Estimated Recoverable Volumetric Delivery Revenue	(16) + (18)	\$ 208,378,666	\$ 92,052,686
21				
22	Forecasted Rate Year Base Sales (Therms)	F2012	558,453,341	545,285,872
23				
24	Rate Year Volumetric Delivery Revenue Per Unit (\$/Therm)	(20) / (22)	\$ 0.37314	\$ 0.16882
25				
26	Change in Volumetric Delivery Revenue Per Unit (\$/Therm)	(24) - (10)	\$ 0.00929	\$ (0.00726)
27				
28	Post-Rate Test Change in Volumetric Delivery Revenue Per Unit (\$/Therm)**	Page 2	\$ 0.00929	\$ (0.00726)
29				
30	Post-Rate Test Deferred Balance to Recover/(Refund)	Calculation	\$ -	\$ -
31				
32	Rate Year Change in Volumetric Delivery Revenue	(22) x (28)		\$ (3,958,775)
33				
34	Change from Rate Year Volumetric Delivery Revenue Per Unit	(32) / (20)		-4.301%
35				
36	* Includes Schedules 31, 31T, 41, 41T, 85, 85T, 86, 86T, 87 and 87T. Rates for special contract customers are governed by thier contracts.			
37	** For residential customers, this is the Schedule 139 rate.			

**Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Residential  
Calendar Year 2013**

Line No.	Source	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	Forecasted Customers	F2012	715,430	-	-	-	-	715,430	715,676	715,522	715,687	716,469	718,288	720,127	721,673	721,673
2	Monthly Allowed Volumetric Delivery Revenue	JAP-17	\$ 15.12	\$ -	\$ -	\$ -	\$ 9.76	\$ 7.72	\$ 7.13	\$ 7.13	\$ 9.87	\$ 20.67	\$ 34.80	\$ 43.78	\$ 43.78	\$ 43.78
3	Allowed Volumetric Delivery Revenue	(1) x (2)	\$ 10,818,520	\$ -	\$ -	\$ -	\$ 6,987,309	\$ 5,520,507	\$ 5,100,836	\$ 5,100,836	\$ 7,074,205	\$ 14,845,147	\$ 25,058,878	\$ 31,586,537	\$ 31,586,537	\$ 107,001,840
4																
5	Forecasted Therms	F2012	37,196,783	-	-	-	23,925,737	15,892,958	12,684,019	14,848,891	25,339,467	52,180,678	79,804,370	79,804,370	79,804,370	79,804,370
6	Delivery Revenue Per Unit (\$/Therm)	JAP-19	\$ 0.37314	\$ -	\$ -	\$ -	\$ 0.37314	\$ 0.37314	\$ 0.37314	\$ 0.37314	\$ 0.37314	\$ 0.37314	\$ 0.37314	\$ 0.37314	\$ 0.37314	\$ 0.37314
7	Monthly Actual Volumetric Delivery Revenue	(5) x (6)	\$ 13,879,808	\$ -	\$ -	\$ -	\$ 8,927,849	\$ 5,967,612	\$ 4,732,915	\$ 5,540,716	\$ 9,455,169	\$ 19,470,698	\$ 29,778,203	\$ 29,778,203	\$ 29,778,203	\$ 97,752,568
8																
9	Deferral	(3) - (7)	\$ -	\$ -	\$ -	\$ -	\$ (3,061,087)	\$ (1,940,340)	\$ (447,105)	\$ 367,921	\$ 1,533,480	\$ 5,389,978	\$ 5,588,180	\$ 1,818,334	\$ 9,249,371	\$ 9,249,371
10																
11	Interest on Deferral	Workpapers	\$ -	\$ -	\$ -	\$ -	\$ (4,145)	\$ (10,918)	\$ (14,151)	\$ (14,258)	\$ (11,683)	\$ (2,308)	\$ 12,558	\$ 22,588	\$ (22,317)	\$ (22,317)
12																
13	Cumulative Deferral	Σ((9) + (11))	\$ -	\$ -	\$ -	\$ -	\$ (3,065,233)	\$ (5,016,491)	\$ (5,477,747)	\$ (5,124,084)	\$ (3,602,277)	\$ 1,785,993	\$ 7,386,132	\$ 9,227,054	\$ 9,227,054	\$ 9,227,054
14																
15	Deferral Amortization Rate (\$/Therm)	Calculation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16																
17	Deferral Amortization	(5) x (15)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18																
19	Cumulative Deferral Net of Amortization	(19) + (9) + (11) - (17)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20																
21	Schedule 139 Rate	JAP-19	\$ -	\$ -	\$ -	\$ -	\$ 0.00929	\$ 0.00929	\$ 0.00929	\$ 0.00929	\$ 0.00929	\$ 0.00929	\$ 0.00929	\$ 0.00929	\$ 0.00929	\$ 0.00929
22																
23	Schedule 139 Revenues	(5) x (21)	\$ -	\$ -	\$ -	\$ -	\$ 345,558	\$ 222,270	\$ 148,575	\$ 117,835	\$ 137,946	\$ 235,404	\$ 484,758	\$ 741,383	\$ 2,433,728	\$ 2,433,728
24																
25	Projected Revenue	Workpapers	\$ -	\$ -	\$ -	\$ -	\$ 42,944,848	\$ 30,298,014	\$ 22,735,283	\$ 19,581,533	\$ 21,644,872	\$ 31,643,440	\$ 57,225,798	\$ 83,553,940	\$ 309,625,529	\$ 309,625,529
26																
27	Ratio Impact	(23) / (25)	0.80%	0.73%	0.65%	0.60%	0.63%	0.63%	0.63%	0.63%	0.63%	0.63%	0.63%	0.63%	0.63%	0.79%
28																
29	Average Monthly Bill Impact (@ 68 therms)	(25) x 68	\$ -	\$ -	\$ -	\$ -	\$ 2,918,148	\$ 2,048,776	\$ 1,508,151	\$ 1,261,158	\$ 1,468,728	\$ 2,270,720	\$ 4,283,176	\$ 5,570,726	\$ 20,900,176	\$ 20,900,176

**Fugot Sound Energy  
Decoupling Filing  
Development of Deferrals - Non-Residential  
Calendar Year 2013**

Line No.	Source	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	Forecasted Customers	JAP-17	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
2	Monthly Allowed Volumetric Delivery RPC	JAP-17	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
3	Allowed Volumetric Delivery Revenue	(1) x (2)	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
4																
5	Forecasted Terms	F2012														
6	Delivery Revenue Per Unit (\$/Term)	JAP-18	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
7	Monthly Actual Volumetric Delivery Revenue	(5) x (6)	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
8																
9	Deferral	(3) - (7)	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
10																
11	Interest on Deferral	Workpapers	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
12																
13	Cumulative Deferral	[(9) + (11)]	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
14																
15	Deferral Amortization Rate (\$/Term)	Calculation	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
16																
17	Deferral Amortization	(5) x (15)	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
18																
19	Cumulative Deferral Net of Amortization	(19) + (9) + (11) - (17)	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
20																
21	Schedule 139 Rate	JAP-18	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
22																
23	Schedule 139 Revenues	(5) x (21)	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
24																
25	Projected Revenue	Workpapers	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
27	Rate Impact	(23) / (25)														



Puget Sound Energy  
Decoupling Filing  
Development of Delivery Cost Energy Rate and Rate Change - Natural Gas  
Rate Year - May 1, 2014 through April 30, 2015

Line No.	(a)	(b)	(c)	(d)
		Source	Residential	Non-Residential Schedules*
1				
2	Test Year Allowed Delivery Revenue	UG-130138 WP	\$ 291,961,293	\$ 121,900,413
3				
4	Less: Test Year Basic & Minimum Charge Revenue	UG-130138 WP	\$ 88,318,800	\$ 31,696,914
5				
6	Test Year Volumetric Delivery Revenue	(2) - (4)	\$ 203,642,492	\$ 90,203,499
7				
8	Test Year Base Sales (Therms)	UG-130138 WP	559,688,037	512,283,585
9				
10	Test Year Volumetric Delivery Revenue Per Unit (\$/Therm)	(6) / (8)	\$ 0.36385	\$ 0.17608
11				
12	2014 Allowed Volumetric Delivery Revenue Per Customer	JAP-15	\$ 289.43	\$ 1,591.42
13				
14	Forecasted Rate Year Customer Count	F2012	732,937	58,671
15				
16	Forecasted Rate Year Allowed Volumetric Delivery Revenue	(12) x (14)	\$ 212,133,854	\$ 93,370,409
17				
18	Plus: Deferred Balance at End of Calendar Year 2013	Page 1 & 2	\$ 9,227,054	\$ 2,018,146
19				
20	Estimated Recoverable Volumetric Delivery Revenue	(16) + (18)	\$ 221,360,908	\$ 95,388,554
21				
22	Forecasted Rate Year Base Sales (Therms)	F2012	565,140,089	546,276,438
23				
24	Rate Year Volumetric Delivery Revenue Per Unit (\$/Therm)	(20) / (22)	\$ 0.39169	\$ 0.17462
25				
26	Change in Volumetric Delivery Revenue Per Unit (\$/Therm)	(24) - (10)	\$ 0.02784	\$ (0.00146)
27				
28	Post-Rate Test Change in Volumetric Delivery Revenue Per Unit (\$/Therm)**	Page 4	\$ 0.02784	\$ (0.00146)
29				
30	Post-Rate Test Deferred Balance to Recover/(Refund)	Calculation	\$ 9,227,054	\$ 2,018,146
31				
32	Rate Year Change in Volumetric Delivery Revenue	(22) x (28)	\$	\$ (797,564)
33				
34	Change from Rate Year Volumetric Delivery Revenue Per Unit	(32) / (20)		-0.836%

\* Includes Schedules 31, 31T, 41, 41T, 85, 85T, 86, 86T, 87 and 87T. Rates for special contract customers are governed by their contracts.

\*\* For residential customers, this is the Schedule 139 rate.

**Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Residential  
Calendar Year 2014**

Line No.	Source	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
1	Forecasted Customers	F2012	723,467	724,847	725,797	726,567	726,992	727,451	727,540	727,973	729,036	731,137	733,242	735,029	
2	Monthly Allowed Volumetric Delivery RPC	JAP-17	\$ 42.87	\$ 39.78	\$ 33.77	\$ 24.15	\$ 15.12	\$ 9.78	\$ 7.72	\$ 7.13	\$ 9.87	\$ 20.87	\$ 34.80	\$ 43.78	
3	Allowed Volumetric Delivery Revenue	(1) x (2)	\$ 31,018,466	\$ 28,832,903	\$ 24,512,916	\$ 17,549,990	\$ 10,993,358	\$ 7,102,279	\$ 5,613,230	\$ 5,188,400	\$ 7,198,294	\$ 15,110,738	\$ 25,515,285	\$ 32,181,288	\$ 210,817,146
4															
5	Forecasted Therms	F2012	91,022,221	82,579,383	70,324,382	52,554,455	37,603,682	24,193,368	18,164,041	12,812,195	15,003,821	25,623,800	52,804,487	80,770,329	
6	Delivery Revenue Per Unit (\$/Therm)	JAP-19/JAP-23	\$ 0.37314	\$ 0.37314	\$ 0.37314	\$ 0.37314	\$ 0.39169	\$ 0.39169	\$ 0.39169	\$ 0.39169	\$ 0.39169	\$ 0.39169	\$ 0.39169	\$ 0.39169	
7	Monthly Actual Volumetric Delivery Revenue	(5) x (6)	\$ 33,964,031	\$ 30,813,671	\$ 26,240,840	\$ 19,610,169	\$ 14,728,986	\$ 9,476,300	\$ 6,331,293	\$ 5,018,408	\$ 5,876,846	\$ 10,036,610	\$ 20,682,993	\$ 31,636,930	\$ 214,417,079
8															
9	Deferral	(3) - (7)	\$ (2,945,566)	\$ (1,980,768)	\$ (1,727,923)	\$ (2,060,179)	\$ (3,735,629)	\$ (2,374,021)	\$ (718,063)	\$ 169,992	\$ 1,321,447	\$ 5,074,128	\$ 4,832,282	\$ 544,358	\$ (3,599,934)
10															
11	Interest on Deferral	Workpapers	\$ 21,062	\$ 14,391	\$ 9,368	\$ 4,239	\$ (4,441)	\$ (14,081)	\$ (19,161)	\$ (20,543)	\$ (19,139)	\$ (11,376)	\$ 305	\$ 4,632	\$ (34,745)
12															
13	Cumulative Deferral	Σ((9) - (11))	\$ 6,302,550	\$ 4,336,172	\$ 2,617,617	\$ 561,676	\$ (3,178,394)	\$ (5,566,496)	\$ (6,303,720)	\$ (6,154,272)	\$ (4,851,963)	\$ 210,788	\$ 5,043,385	\$ 5,592,375	
14															
15	Deferral Amortization Rate (\$/Therm)	Calculation	\$ -	\$ -	\$ -	\$ -	\$ 0.01633	\$ 0.01633	\$ 0.01633	\$ 0.01633	\$ 0.01633	\$ 0.01633	\$ 0.01633	\$ 0.01633	
16															
17	Deferral Amortization	(5) x (15)	\$ -	\$ -	\$ -	\$ -	\$ 613,956	\$ 395,006	\$ 263,911	\$ 209,185	\$ 244,968	\$ 418,361	\$ 862,140	\$ 1,318,739	\$ 4,326,265
18															
19	Cumulative Deferral Net of Amortization	(19) + (9) + (11) - (17)	\$ -	\$ -	\$ -	\$ -	\$ (3,792,350)	\$ (6,575,458)	\$ (7,578,592)	\$ (7,636,329)	\$ (6,578,988)	\$ (1,934,598)	\$ 2,035,859	\$ 1,266,110	
20															
21	Schedule 139 Rate	JAP-19/JAP-23	\$ 0.00929	\$ 0.00929	\$ 0.00929	\$ 0.00929	\$ 0.02784	\$ 0.02784	\$ 0.02784	\$ 0.02784	\$ 0.02784	\$ 0.02784	\$ 0.02784	\$ 0.02784	
22															
23	Schedule 139 Revenues	(5) x (21)	\$ 845,598	\$ 787,182	\$ 653,314	\$ 488,231	\$ 1,046,887	\$ 873,543	\$ 450,007	\$ 358,691	\$ 417,708	\$ 713,368	\$ 1,470,077	\$ 2,248,646	\$ 10,131,229
24															
25	Projected Revenue	Workpapers	\$ 94,371,138	\$ 86,324,270	\$ 74,644,028	\$ 57,707,511	\$ 44,155,478	\$ 31,125,346	\$ 23,323,650	\$ 20,066,829	\$ 22,196,322	\$ 32,515,284	\$ 58,925,349	\$ 86,098,350	\$ 631,453,556
26															
27	Rate Impact	(23) / (25)	0.896%	0.889%	0.875%	0.846%	2.371%	2.164%	1.929%	1.778%	1.882%	2.194%	2.495%	2.612%	1.604%
28															
29	Average Monthly Bid Impact (@ 68 therms)	(25) x 68	\$ 0.63	\$ 0.63	\$ 0.63	\$ 0.63	\$ 1.69	\$ 1.69	\$ 1.69	\$ 1.69	\$ 1.69	\$ 1.69	\$ 1.69	\$ 1.69	

**Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Non-Residential  
Calendar Year 2014**

Line No.	Source	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
1	Forecasted Customers	F2012	58,155	58,249	58,322	58,361	58,352	58,343	58,317	58,302	58,362	58,482	58,687	58,830	
2	Monthly Allowed Volumetric Delivery RPC	JAP-17	\$ 183.11	\$ 171.97	\$ 165.39	\$ 136.34	\$ 113.96	\$ 92.40	\$ 85.71	\$ 87.24	\$ 91.83	\$ 123.47	\$ 150.74	\$ 183.27	
3	Allowed Volumetric Delivery Revenue	(1) x (2)	\$ 10,648,796	\$ 10,016,959	\$ 9,645,526	\$ 7,956,836	\$ 6,649,860	\$ 5,391,132	\$ 4,998,583	\$ 5,086,158	\$ 5,359,296	\$ 7,220,580	\$ 9,198,547	\$ 10,781,606	\$ 92,953,879
4															
5	Forecasted Therms	F2012	65,781,405	64,168,788	56,872,554	51,120,005	42,880,028	36,468,271	30,528,577	28,582,555	29,975,200	33,522,860	45,414,606	60,631,692	
6	Delivery Revenue Per Unit (\$/Therm)	JAP-19/JAP-23	\$ 0.16882	\$ 0.16882	\$ 0.16882	\$ 0.16882	\$ 0.17462	\$ 0.17462	\$ 0.17462	\$ 0.17462	\$ 0.17462	\$ 0.17462	\$ 0.17482	\$ 0.17462	
7	Monthly Actual Volumetric Delivery Revenue	(5) x (6)	\$ 11,105,217	\$ 10,832,975	\$ 9,601,224	\$ 8,630,079	\$ 7,487,711	\$ 6,368,089	\$ 5,330,900	\$ 4,991,086	\$ 5,234,269	\$ 5,853,762	\$ 7,930,298	\$ 10,587,506	\$ 93,953,117
8															
9	Deferral	(3) - (7)	\$ (456,421)	\$ (816,016)	\$ 44,302	\$ (673,243)	\$ (837,850)	\$ (976,957)	\$ (332,317)	\$ 95,072	\$ 125,027	\$ 1,366,818	\$ 1,268,248	\$ 194,100	\$ (999,237)
10															
11	Interest on Deferral	Workpapers	\$ 4,876	\$ 3,153	\$ 2,108	\$ 1,256	\$ (1,005)	\$ (3,859)	\$ (5,967)	\$ (6,584)	\$ (6,579)	\$ (4,877)	\$ (1,703)	\$ (254)	\$ (19,436)
12															
13	Cumulative Deferral	Σ((9) + (11))	\$ 1,566,600	\$ 753,737	\$ 800,147	\$ 128,160	\$ (710,695)	\$ (1,691,512)	\$ (2,029,796)	\$ (1,941,308)	\$ (1,822,860)	\$ (460,818)	\$ 805,627	\$ 999,473	
14															
15	Deferral Amortization Rate (\$/Therm)	Calculation	\$ -	\$ -	\$ -	\$ -	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	
16															
17	Deferral Amortization	(5) x (15)	\$ -	\$ -	\$ -	\$ -	\$ 158,415	\$ 134,727	\$ 112,784	\$ 105,594	\$ 110,739	\$ 123,846	\$ 167,778	\$ 223,098	\$ 1,137,879
18															
19	Cumulative Deferral Net of Amortization	(19) + (9) + (11) - (17)	\$ -	\$ -	\$ -	\$ -	\$ (889,110)	\$ (1,984,653)	\$ (2,435,721)	\$ (2,452,828)	\$ (2,445,119)	\$ (1,207,024)	\$ (108,257)	\$ (138,406)	
20															
21	Schedule 139 Rate	JAP-19/JAP-23	\$ (0.00726)	\$ (0.00726)	\$ (0.00726)	\$ (0.00726)	\$ (0.00146)	\$ (0.00146)	\$ (0.00146)	\$ (0.00146)	\$ (0.00146)	\$ (0.00146)	\$ (0.00146)	\$ (0.00146)	
22															
23	Schedule 139 Revenues	(5) x (21)	\$ (477,573)	\$ (465,865)	\$ (412,895)	\$ (371,131)	\$ (62,605)	\$ (53,244)	\$ (44,572)	\$ (41,731)	\$ (43,764)	\$ (48,943)	\$ (66,305)	\$ (88,522)	\$ (2,177,160)
24															
25	Projected Revenue	Workpapers	\$ 50,631,752	\$ 49,457,238	\$ 44,143,189	\$ 39,853,449	\$ 34,200,751	\$ 29,493,702	\$ 25,133,209	\$ 23,704,581	\$ 24,726,960	\$ 27,331,396	\$ 36,081,454	\$ 47,232,737	\$ 432,070,418
26															
27	Rate Impact	(23) / (25)	-0.943%	-0.942%	-0.935%	-0.928%	-0.163%	-0.181%	-0.177%	-0.176%	-0.177%	-0.179%	-0.184%	-0.187%	-0.504%

**Puget Sound Energy  
Decoupling Filing  
Development of Delivery Cost Energy Rate and Rate Change - Natural Gas  
Rate Year - May 1, 2015 through April 30, 2016**

Line No.	(a)	Source (b)	Residential (c)	Non-Residential Schedules* (d)
1				
2	Test Year Allowed Delivery Revenue	UG-130138 WP	\$ 291,961,293	\$ 121,900,413
3				
4	Less: Test Year Basic & Minimum Charge Revenue	UG-130138 WP	\$ 88,318,800	\$ 31,696,914
5				
6	Test Year Volumetric Delivery Revenue	(2) - (4)	\$ 203,642,492	\$ 90,203,499
7				
8	Test Year Base Sales (Therms)	UG-130138 WP	559,688,037	512,283,585
9				
10	Test Year Volumetric Delivery Revenue Per Unit (\$/Therm)	(6) / (8)	\$ 0.36385	\$ 0.17608
11				
12	2015 Allowed Volumetric Delivery Revenue Per Customer	JAP-15	\$ 289.43	\$ 1,591.42
13				
14	Forecasted Rate Year Customer Count	F2012	748,669	59,572
15				
16	Forecasted Rate Year Allowed Volumetric Delivery Revenue	(12) x (14)	\$ 216,687,127	\$ 94,804,347
17				
18	Plus: Deferred Balance at End of Calendar Year 2014	Page 6 & 7	\$ 1,266,110	\$ (138,406)
19				
20	Estimated Recoverable Volumetric Delivery Revenue	(16) + (18)	\$ 217,953,237	\$ 94,665,941
21				
22	Forecasted Rate Year Base Sales (Therms)	F2012	573,473,606	546,457,746
23				
24	Rate Year Volumetric Delivery Revenue Per Unit (\$/Therm)	(20) / (22)	\$ 0.38006	\$ 0.17324
25				
26	Change in Volumetric Delivery Revenue Per Unit (\$/Therm)	(24) - (10)	\$ 0.01621	\$ (0.00284)
27				
28	Post-Rate Test Change in Volumetric Delivery Revenue Per Unit (\$/Therm)**	Page 9	\$ 0.01621	\$ (0.00284)
29				
30	Post-Rate Test Deferred Balance to Recover/(Refund)	Calculation	\$ 1,266,110	\$ (138,406)
31				
32	Rate Year Change in Volumetric Delivery Revenue	(22) x (28)		\$ (1,551,940)
33				
34	Change from Rate Year Volumetric Delivery Revenue Per Unit	(32) / (20)		-1.639%
35				
36	* Includes Schedules 31, 31T, 41, 41T, 85, 85T, 86, 86T, 87 and 87T. Rates for special contract customers are governed by thier contracts.			
37	** For residential customers, this is the Schedule 139 rate.			

Pugot Sound Energy  
Decoupling Filing  
Development of Deferrals - Residential  
Calendar Year 2016

Line No.	Source	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	Forecasted Customers													
2	Monthly Allowed Volumetric Delivery RPC	\$ 737,121	\$ 738,772	\$ 739,971	\$ 740,876	\$ 741,621	\$ 742,286	\$ 742,589	\$ 743,228	\$ 744,506	\$ 746,835	\$ 749,162	\$ 751,158	
3	Allowed Volumetric Delivery Revenue	\$ 31,603,850	\$ 28,366,800	\$ 24,091,019	\$ 17,898,042	\$ 11,214,562	\$ 7,247,213	\$ 5,729,340	\$ 5,297,132	\$ 7,351,038	\$ 15,435,178	\$ 26,068,258	\$ 32,887,460	\$ 215,111,511
4														
5	Forecasted Therms	\$ 82,104,983	\$ 83,587,021	\$ 71,233,734	\$ 53,238,559	\$ 38,147,319	\$ 24,567,054	\$ 16,417,050	\$ 13,010,221	\$ 15,232,071	\$ 20,002,805	\$ 53,578,133	\$ 81,837,409	
6	Delivery Revenue Per Unit (\$/Therm)	\$ 0.39169	\$ 0.39169	\$ 0.39169	\$ 0.39169	\$ 0.39006	\$ 0.39006	\$ 0.39006	\$ 0.39006	\$ 0.39006	\$ 0.39006	\$ 0.39006	\$ 0.39006	
7	Monthly Actual Volumetric Delivery Revenue	\$ 36,076,601	\$ 32,740,200	\$ 27,901,541	\$ 20,653,011	\$ 14,498,270	\$ 9,337,258	\$ 6,239,467	\$ 4,844,685	\$ 5,789,101	\$ 9,862,949	\$ 20,362,905	\$ 31,141,132	\$ 219,766,801
8														
9	Deferral	\$ (4,472,750)	\$ (3,353,391)	\$ (2,009,922)	\$ (2,954,970)	\$ (3,283,666)	\$ (2,090,046)	\$ (510,127)	\$ 352,468	\$ 1,561,937	\$ 5,532,529	\$ 5,706,353	\$ 1,746,316	\$ (4,655,200)
10														
11	Interest on Deferral	\$ (4,510)	\$ (18,992)	\$ (39,897)	\$ (41,591)	\$ (51,330)	\$ (58,794)	\$ (62,438)	\$ (62,739)	\$ (60,231)	\$ (50,721)	\$ (35,712)	\$ (26,025)	\$ (503,060)
12														
13	Cumulative Deferral	\$ 1,115,115	\$ (2,257,268)	\$ (5,199,087)	\$ (6,194,647)	\$ (11,528,665)	\$ (13,678,505)	\$ (14,251,071)	\$ (13,961,343)	\$ (12,459,637)	\$ (6,957,828)	\$ (1,267,189)	\$ 433,105	
14														
15	Deferral Amortization Rate (\$/Therm)	\$ 0.01633	\$ 0.01633	\$ 0.01633	\$ 0.01633	\$ 0.00221	\$ 0.00221	\$ 0.00221	\$ 0.00221	\$ 0.00221	\$ 0.00221	\$ 0.00221	\$ 0.00221	
16	Deferral Amortization	\$ 1,503,800	\$ 1,364,727	\$ 1,163,035	\$ 869,277	\$ 84,221	\$ 54,241	\$ 36,245	\$ 28,724	\$ 33,629	\$ 57,409	\$ 118,289	\$ 180,801	\$ 5,404,448
17														
18	Cumulative Deferral Net of Amortization	\$ (4,714,950)	\$ (9,452,060)	\$ (13,555,914)	\$ (17,421,701)	\$ (20,840,941)	\$ (23,044,022)	\$ (23,652,832)	\$ (23,391,628)	\$ (21,923,752)	\$ (16,478,352)	\$ (10,927,001)	\$ (9,387,608)	
19														
20	Schedule 139 Rate	\$ 0.02784	\$ 0.02784	\$ 0.02784	\$ 0.02784	\$ 0.01621	\$ 0.01621	\$ 0.01621	\$ 0.01621	\$ 0.01621	\$ 0.01621	\$ 0.01621	\$ 0.01621	
21														
22	Schedule 139 Revenues	\$ 2,664,203	\$ 2,327,083	\$ 1,983,147	\$ 1,462,161	\$ 618,368	\$ 398,245	\$ 286,121	\$ 210,896	\$ 246,912	\$ 421,506	\$ 868,502	\$ 1,328,205	\$ 12,715,329
23														
24	Projected Revenue	\$ 97,267,838	\$ 88,891,361	\$ 76,088,280	\$ 59,503,278	\$ 44,396,221	\$ 31,359,663	\$ 23,534,736	\$ 20,264,104	\$ 22,397,125	\$ 32,737,302	\$ 59,210,111	\$ 86,435,583	\$ 643,085,613
25														
26	Rate Impact	2.636%	2.615%	2.576%	2.491%	1.393%	1.270%	1.131%	1.041%	1.102%	1.288%	1.467%	1.537%	1.977%
27														
28	Average Monthly Bill Impact (@ 68 therms)	\$ 189	\$ 189	\$ 189	\$ 189	\$ 110	\$ 110	\$ 110	\$ 110	\$ 110	\$ 110	\$ 110	\$ 110	\$ 1.10
29														

Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Non-Residential  
Calendar Year 2015

Line No.	Source	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	Forecasted Customers	58,981	59,067	59,151	59,200	59,188	59,108	59,181	59,178	59,247	59,381	59,602	59,769	
2	Monthly Allowed Volumetric Delivery RPC	183,111	171,877	165,309	136,34	113,86	82,40	65,71	87,24	91,63	123,47	156,74	183,27	
3	Allowed Volumetric Delivery Revenue	\$ 10,795,448	\$ 10,157,808	\$ 9,785,842	\$ 8,071,108	\$ 6,746,320	\$ 5,470,110	\$ 5,072,665	\$ 5,162,413	\$ 5,440,574	\$ 7,331,598	\$ 9,341,931	\$ 10,951,950	\$ 94,325,368
4														
5	Forecasted Therms	65,819,813	64,276,208	57,005,985	51,170,543	42,897,256	36,447,800	30,459,837	28,498,070	29,904,685	33,493,385	45,482,418	60,754,964	
6	Delivery Revenue Per Unit (\$/Therm)	\$ 0.17462	\$ 0.17462	\$ 0.17462	\$ 0.17462	\$ 0.17462	\$ 0.17324	\$ 0.17324	\$ 0.17324	\$ 0.17324	\$ 0.17324	\$ 0.17324	\$ 0.17324	
7	Monthly Actual Volumetric Delivery Revenue	\$ 11,493,456	\$ 11,223,911	\$ 9,854,333	\$ 8,935,470	\$ 7,431,926	\$ 6,314,217	\$ 5,276,662	\$ 4,937,006	\$ 5,160,668	\$ 5,862,391	\$ 7,879,374	\$ 10,525,190	\$ 94,954,423
8														
9	Deferral	\$ (697,008)	\$ (1,068,305)	\$ (1,715,990)	\$ (864,362)	\$ (685,206)	\$ (844,107)	\$ (204,197)	\$ 225,407	\$ 259,866	\$ 1,529,208	\$ 1,462,557	\$ 428,780	\$ (629,057)
10														
11	Interest on Deferral	\$ (1,567)	\$ (4,606)	\$ (6,889)	\$ (8,533)	\$ (11,173)	\$ (13,217)	\$ (14,013)	\$ (14,564)	\$ (13,887)	\$ (11,443)	\$ (7,364)	\$ (4,769)	\$ (112,925)
12														
13	Cumulative Deferral	\$ 300,897	\$ (770,014)	\$ (948,503)	\$ (1,821,768)	\$ (2,518,167)	\$ (3,375,490)	\$ (3,594,300)	\$ (3,383,458)	\$ (3,137,459)	\$ (1,619,694)	\$ (164,501)	\$ 257,490	
14														
15	Deferral Amortization Rate (\$/Therm)	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	\$ 0.00369	
16														
17	Deferral Amortization	\$ 243,163	\$ 237,460	\$ 210,600	\$ 189,044	\$ 10,605	\$ (9,231)	\$ (7,715)	\$ (7,218)	\$ (7,574)	\$ (6,483)	\$ (11,520)	\$ (15,388)	\$ 802,272
18														
19	Cumulative Deferral Net of Amortization	\$ (1,080,144)	\$ (2,388,515)	\$ (2,777,695)	\$ (3,839,954)	\$ (4,525,448)	\$ (5,373,540)	\$ (5,584,935)	\$ (5,366,574)	\$ (5,113,001)	\$ (3,586,753)	\$ (2,120,041)	\$ (1,682,661)	
20														
21	Schedule 139 Rate	\$ (0.00146)	\$ (0.00146)	\$ (0.00146)	\$ (0.00146)	\$ (0.00284)	\$ (0.00284)	\$ (0.00284)	\$ (0.00284)	\$ (0.00284)	\$ (0.00284)	\$ (0.00284)	\$ (0.00284)	
22														
23	Schedule 139 Revenues	\$ (98,097)	\$ (93,943)	\$ (83,220)	\$ (74,710)	\$ (121,828)	\$ (103,512)	\$ (86,500)	\$ (80,835)	\$ (84,920)	\$ (95,121)	\$ (120,170)	\$ (172,544)	\$ (1,222,423)
24														
25	Projected Revenue	\$ 51,081,711	\$ 49,948,607	\$ 44,811,016	\$ 40,327,571	\$ 34,194,452	\$ 29,468,607	\$ 25,060,941	\$ 23,643,461	\$ 24,674,155	\$ 27,303,751	\$ 35,088,701	\$ 47,279,823	\$ 433,702,498
26														
27	Monthly Rate Impact	-0.185%	-0.188%	-0.187%	-0.185%	-0.356%	-0.351%	-0.345%	-0.342%	-0.344%	-0.348%	-0.358%	-0.365%	-0.282%

**Puget Sound Energy  
Decoupling Filing  
Development of Delivery Cost Energy Rate and Rate Change - Natural Gas  
Rate Year - May 1, 2016 through April 30, 2017**

Line No.	(a)	Source (b)	Residential (c)	Non-Residential Schedules* (d)
1				
2	Test Year Allowed Delivery Revenue	UG-130138 WP	\$ 291,961,293	\$ 121,900,413
3				
4	Less: Test Year Basic & Minimum Charge Revenue	UG-130138 WP	\$ 88,318,800	\$ 31,696,914
5				
6	Test Year Volumetric Delivery Revenue	(2) - (4)	\$ 203,642,492	\$ 90,203,499
7				
8	Test Year Base Sales (Therms)	UG-130138 WP	559,688,037	512,283,585
9				
10	Test Year Volumetric Delivery Revenue Per Unit (\$/Therm)	(6) / (8)	\$ 0.36385	\$ 0.17608
11				
12	2016 Allowed Volumetric Delivery Revenue Per Customer	JAP-15	\$ 289.43	\$ 1,591.42
13				
14	Forecasted Rate Year Customer Count	F2012	766,193	60,520
15				
16	Forecasted Rate Year Allowed Volumetric Delivery Revenue	(12) x (14)	\$ 221,759,272	\$ 96,313,358
17				
18	Plus: Deferred Balance at End of Calendar Year 2015	Page 11 & 12	\$ (9,387,608)	\$ (1,682,661)
19				
20	Estimated Recoverable Volumetric Delivery Revenue	(16) + (18)	\$ 212,371,663	\$ 94,630,697
21				
22	Forecasted Rate Year Base Sales (Therms)	F2012	582,722,893	547,068,742
23				
24	Rate Year Volumetric Delivery Revenue Per Unit (\$/Therm)	(20) / (22)	\$ 0.36445	\$ 0.17298
25				
26	Change in Volumetric Delivery Revenue Per Unit (\$/Therm)	(24) - (10)	\$ 0.00060	\$ (0.00310)
27				
28	Post-Rate Test Change in Volumetric Delivery Revenue Per Unit (\$/Therm)**	Page 14	\$ 0.00060	\$ (0.00310)
29				
30	Post-Rate Test Deferred Balance to Recover/(Refund)	Calculation	\$ (9,387,608)	\$ (1,682,661)
31				
32	Rate Year Change in Volumetric Delivery Revenue	(22) x (28)		\$ (1,695,913)
33				
34	Change from Rate Year Volumetric Delivery Revenue Per Unit	(32) / (20)		-1.792%
35				
36	* Includes Schedules 31, 31T, 41, 41T, 85, 85T, 86, 86T, 87 and 87T. Rates for special contract customers are governed by thier contracts.			
37	** For residential customers, this is the Schedule 139 rate.			

**Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Residential  
Calendar Year 2016**

Line No.	Source	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
1	Forecasted Customers	F2012	753,388	755,165	756,479	757,595	758,349	759,145	759,566	760,352	761,792	764,299	766,797	768,947	
2	Monthly Allowed Volumetric Delivery RPC	JAP-17	\$ 42.87	\$ 39.78	\$ 33.77	\$ 24.15	\$ 15.12	\$ 9.76	\$ 7.72	\$ 7.13	\$ 9.87	\$ 20.67	\$ 34.80	\$ 43.79	
3	Allowed Volumetric Delivery Revenue	(1) x (2)	\$ 32,301,295	\$ 30,038,879	\$ 25,549,137	\$ 18,299,467	\$ 11,467,536	\$ 7,411,712	\$ 5,860,326	\$ 5,419,175	\$ 7,521,711	\$ 15,796,123	\$ 26,682,908	\$ 33,666,296	\$ 220,014,566
4															
5	Forecasted Therms	F2012	93,402,013	84,814,661	72,319,085	54,044,897	38,775,545	24,995,152	16,704,059	13,234,079	15,488,856	26,426,090	54,437,131	83,225,821	
6	Delivery Revenue Per Unit (\$/Therm)	Page 8 & 13	\$ 0.38006	\$ 0.38006	\$ 0.38006	\$ 0.38006	\$ 0.38445	\$ 0.38445	\$ 0.38445	\$ 0.38445	\$ 0.38445	\$ 0.38445	\$ 0.38445	\$ 0.38445	
7	Monthly Actual Volumetric Delivery Revenue	(5) x (6)	\$ 35,498,369	\$ 32,234,668	\$ 27,485,591	\$ 20,540,304	\$ 14,131,747	\$ 9,109,483	\$ 6,087,794	\$ 4,823,160	\$ 5,644,914	\$ 9,631,207	\$ 19,839,613	\$ 30,331,650	\$ 215,358,500
8															
9	Deferral	(3) - (7)	\$ (3,197,074)	\$ (2,195,788)	\$ (1,936,454)	\$ (2,240,836)	\$ (2,664,211)	\$ (1,697,771)	\$ (227,468)	\$ 596,015	\$ 1,876,797	\$ 6,164,916	\$ 6,843,295	\$ 3,334,645	\$ 4,656,066
10															
11	Interest on Deferral	Workpapers	\$ (28,514)	\$ (36,350)	\$ (42,415)	\$ (48,450)	\$ (54,408)	\$ (58,923)	\$ (60,821)	\$ (59,468)	\$ (55,493)	\$ (43,680)	\$ (24,310)	\$ (7,524)	\$ (520,164)
12															
13	Cumulative Deferral	Σ((9) + (11))	\$ (2,792,483)	\$ (5,024,620)	\$ (7,003,490)	\$ (9,292,776)	\$ (12,011,394)	\$ (13,768,088)	\$ (14,056,177)	\$ (13,519,631)	\$ (11,698,327)	\$ (5,577,100)	\$ 1,241,886	\$ 4,589,007	
14															
15	Deferral Amortization Rate (\$/Therm)	Calculation	\$ 0.00221	\$ 0.00221	\$ 0.00221	\$ 0.00221	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	\$ (0.01611)	
16															
17	Deferral Amortization	(5) x (15)	\$ 206,212	\$ 187,253	\$ 159,665	\$ 119,320	\$ (624,670)	\$ (402,669)	\$ (269,101)	\$ (213,200)	\$ (249,524)	\$ (425,731)	\$ (876,977)	\$ (1,340,760)	\$ (3,730,182)
18															
19	Cumulative Deferral Net of Amortization	(19) + (9) + (11) - (17)	\$ (12,619,408)	\$ (15,236,799)	\$ (17,377,334)	\$ (19,785,940)	\$ (21,679,688)	\$ (23,233,913)	\$ (23,252,901)	\$ (22,503,155)	\$ (20,432,327)	\$ (13,885,368)	\$ (6,189,406)	\$ (1,521,525)	
20															
21	Schedule 139 Rate	Page 8 & 13	\$ 0.01621	\$ 0.01621	\$ 0.01621	\$ 0.01621	\$ 0.00060	\$ 0.00060	\$ 0.00060	\$ 0.00060	\$ 0.00080	\$ 0.00060	\$ 0.00060	\$ 0.00060	
22															
23	Schedule 139 Revenues	(5) x (21)	\$ 1,514,047	\$ 1,374,846	\$ 1,172,292	\$ 876,068	\$ 23,265	\$ 14,097	\$ 10,022	\$ 7,940	\$ 9,293	\$ 15,856	\$ 32,662	\$ 49,935	\$ 5,101,225
24															
25	Projected Revenue	Workpapers	\$ 97,619,343	\$ 89,375,333	\$ 77,379,311	\$ 59,835,725	\$ 44,571,555	\$ 31,557,214	\$ 23,727,023	\$ 20,449,939	\$ 22,579,373	\$ 32,909,173	\$ 59,382,514	\$ 86,550,840	\$ 645,917,344
26															
27	Rate Impact	(23) / (25)	1.551%	1.538%	1.515%	1.464%	0.052%	0.048%	0.042%	0.039%	0.041%	0.048%	0.055%	0.058%	0.790%
28															
29	Average Monthly Bill Impact (@ 69 therms)	(25) x 68	\$ 1.10	\$ 1.10	\$ 1.10	\$ 1.10	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	



**Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Non-Residential  
Calendar Year 2016**

Line No.	Source	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
1	Forecasted Customers	F2012	59,893	60,002	60,088	60,139	60,139	60,124	60,110	60,192	60,327	60,551	60,710		
2	Monthly Allowed Volumetric Delivery RPC	JAP-17	\$ 183.11	\$ 171.97	\$ 165.39	\$ 136.34	\$ 113.96	\$ 92.40	\$ 85.71	\$ 87.24	\$ 91.83	\$ 123.47	\$ 158.74	\$ 183.27	
3	Allowed Volumetric Delivery Revenue	(1) x (2)	\$ 10,967,202	\$ 10,318,423	\$ 9,937,677	\$ 8,199,176	\$ 6,853,491	\$ 5,557,107	\$ 5,153,415	\$ 5,244,672	\$ 5,527,356	\$ 7,448,450	\$ 9,490,730	\$ 11,126,281	\$ 95,823,980
4															
5	Forecasted Therms	F2012	65,049,902	64,346,027	67,117,507	51,205,885	42,913,193	36,439,312	30,416,830	28,460,403	29,877,330	33,512,724	45,585,122	60,893,322	
6	Delivery Revenue Per Unit (\$/Therm)	Page 8 & 13	\$ 0.17324	\$ 0.17324	\$ 0.17324	\$ 0.17324	\$ 0.17298	\$ 0.17298	\$ 0.17298	\$ 0.17298	\$ 0.17298	\$ 0.17298	\$ 0.17298	\$ 0.17298	
7	Monthly Actual Volumetric Delivery Revenue	(5) x (6)	\$ 11,407,837	\$ 11,147,306	\$ 9,895,037	\$ 8,870,908	\$ 7,423,124	\$ 6,303,272	\$ 5,261,503	\$ 4,921,351	\$ 5,168,180	\$ 5,797,031	\$ 7,885,314	\$ 10,533,327	\$ 94,614,100
8															
9	Deferral	(3) - (7)	\$ (440,635)	\$ (828,882)	\$ 42,640	\$ (671,731)	\$ (569,633)	\$ (746,165)	\$ (108,098)	\$ 323,321	\$ 359,175	\$ 1,651,419	\$ 1,605,416	\$ 592,954	\$ 1,209,700
10															
11	Interest on Deferral	Workpapers	\$ (4,745)	\$ (6,419)	\$ (7,442)	\$ (8,257)	\$ (9,742)	\$ (11,193)	\$ (12,071)	\$ (11,535)	\$ (10,367)	\$ (7,381)	\$ (2,641)	\$ 779	\$ (91,013)
12															
13	Cumulative Deferral	Σ((9) + (11))	\$ (187,890)	\$ (1,023,191)	\$ (987,993)	\$ (1,667,981)	\$ (2,247,356)	\$ (3,004,715)	\$ (3,124,874)	\$ (2,813,087)	\$ (2,464,279)	\$ (820,242)	\$ 782,533	\$ 1,376,267	
14															
15	Deferral Amortization Rate (\$/Therm)	Calculation	\$ (0.00025)	\$ (0.00025)	\$ (0.00025)	\$ (0.00025)	\$ (0.000308)	\$ (0.00308)	\$ (0.00308)	\$ (0.00308)	\$ (0.00308)	\$ (0.00308)	\$ (0.00308)	\$ (0.00308)	
16															
17	Deferral Amortization	(5) x (15)	\$ (16,678)	\$ (16,298)	\$ (14,467)	\$ (12,969)	\$ (131,991)	\$ (112,079)	\$ (93,555)	\$ (87,507)	\$ (91,896)	\$ (103,078)	\$ (140,210)	\$ (187,294)	\$ (1,008,023)
18															
19	Cumulative Deferral Net of Amortization	(13) + (9) + (11) - (17)	\$ (2,111,363)	\$ (2,930,367)	\$ (2,890,702)	\$ (3,547,721)	\$ (3,995,104)	\$ (4,640,383)	\$ (4,666,987)	\$ (4,267,693)	\$ (3,826,990)	\$ (2,079,874)	\$ (336,890)	\$ 444,138	
20															
21	Schedule 139 Rate	Page 8 & 13	\$ (0.00284)	\$ (0.00284)	\$ (0.00284)	\$ (0.00284)	\$ (0.00310)	\$ (0.00310)	\$ (0.00310)	\$ (0.00310)	\$ (0.00310)	\$ (0.00310)	\$ (0.00310)	\$ (0.00310)	
22															
23	Schedule 139 Revenues	(5) x (21)	\$ (187,014)	\$ (182,743)	\$ (182,214)	\$ (145,425)	\$ (133,031)	\$ (112,962)	\$ (94,292)	\$ (88,196)	\$ (92,620)	\$ (103,889)	\$ (141,314)	\$ (188,769)	\$ (1,832,468)
24															
25	Projected Revenue	Workpapers	\$ 51,056,822	\$ 49,954,861	\$ 44,858,181	\$ 40,328,454	\$ 34,238,846	\$ 29,496,809	\$ 25,085,415	\$ 23,645,032	\$ 24,690,238	\$ 27,353,119	\$ 36,196,001	\$ 47,409,068	\$ 434,110,845
26															
27	Monthly Rate Impact	(23) / (25)	-0.366%	-0.366%	-0.363%	-0.361%	-0.389%	-0.383%	-0.376%	-0.373%	-0.375%	-0.380%	-0.390%	-0.398%	-0.376%

**Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Residential  
Calendar Year 2017**

Line No.	Source	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	Forecasted Customers	F2012	771,327	773,233										
2	Monthly Allowed Volumetric Delivery RPC	JAP-17	\$ 42.87	\$ 39.78										
3	Allowed Volumetric Delivery Revenue	(1) x (2)	\$ 33,070,432	\$ 30,757,597										\$ 63,828,029
4														
5	Forecasted Therms	F2012	94,831,242	86,166,087										
6	Delivery Revenue Per Unit (\$/Therm)	Page 13	\$ 0.36445	\$ 0.36445										
7	Monthly Actual Volumetric Delivery Revenue	(5) x (6)	\$ 34,561,246	\$ 31,403,230										\$ 65,964,477
8														
9	Deferral	(3) - (7)	\$ (1,490,815)	\$ (645,633)										\$ (2,136,448)
10														
11	Interest on Deferral	Workpapers	\$ (1,143)	\$ (87)										\$ (1,230)
12														
13	Cumulative Deferral	Σ((9) + (11))	\$ 3,077,050	\$ 2,431,330										
14														
15	Deferral Amortization Rate (\$/Therm)	Calculation	\$ (0.01611)	\$ (0.01611)										
16														
17	Deferral Amortization	(5) x (15)	\$ (1,527,722)	\$ (1,388,127)										\$ (2,915,849)
18														
19	Cumulative Deferral Net of Amortization	(13) + (9) + (11) - (17)	\$ (1,485,760)	\$ (743,353)										
20														
21	Schedule 139 Rate	Page 13	\$ 0.00060	\$ 0.00060										
22														
23	Schedule 139 Revenues	(5) x (21)	\$ 56,899	\$ 51,700										\$ 108,598
24														
25	Projected Revenue	Workpapers	\$ 97,702,781	\$ 89,519,322										\$ 187,222,103
26														
27	Rate Impact	(23) / (25)	0.058%	0.058%										0.058%
28														
29	Average Monthly Bill Impact (@ 68 therms)	(25) x 68	\$ 0.04	\$ 0.04										

Puget Sound Energy  
Decoupling Filing  
Development of Deferrals - Non-Residential  
Calendar Year 2017

Line No.	Source	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	Forecasted Customers	F2012	60,847	60,957										
2	Monthly Allowed Volumetric Delivery RPC	JAP-17	\$ 183.11	\$ 171.97										
3	Allowed Volumetric Delivery Revenue	(1) x (2)	\$ 11,141,766	\$ 10,482,854										\$ 21,624,420
4														
5	Forecasted Therms	F2012	65,927,280	64,461,078										
6	Delivery Revenue Per Unit (\$/Therm)	Page 13	\$ 0.17298	\$ 0.17298										
7	Monthly Actual Volumetric Delivery Revenue	(5) x (6)	\$ 11,404,101	\$ 11,150,477										\$ 22,554,578
8														
9	Deferral	(3) - (7)	\$ (262,335)	\$ (667,623)										\$ (930,158)
10														
11	Interest on Deferral	Workpapers	\$ 1,755	\$ 1,039										\$ 2,794
12														
13	Cumulative Deferral	Σ((9) + (11))	\$ 1,115,687	\$ 448,902										
14														
15	Deferral Amortization Rate (\$/Therm)	Calculation	\$ (0.00308)	\$ (0.00308)										
16														
17	Deferral Amortization	(5) x (15)	\$ (202,778)	\$ (198,268)										\$ (401,046)
18														
19	Cumulative Deferral Net of Amortization	(13) + (9) + (11) - (17)	\$ 386,336	\$ (62,181)										
20														
21	Schedule 139 Rate	Page 13	\$ (0.00310)	\$ (0.00310)										
22														
23	Schedule 139 Revenues	(5) x (21)	\$ (204,375)	\$ (199,829)										\$ (404,204)
24														
25	Projected Revenue	Workpapers	\$ 51,140,757	\$ 50,066,782										\$ 101,207,538
26														
27	Monthly Rate Impact	(23) / (25)	-0.400%	-0.399%										-0.399%