

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

**Docket Nos. UE-121697 and UG-121705
Puget Sound Energy, Inc. and NW Energy Coalition
Joint Petition for Approval of a Decoupling Mechanism**

INFORMAL BENCH REQUEST NO. 001

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In response to a request from Commissioner Oshie at the November 8, 2012 open meeting, please provide an analysis similar to the one presented at this meeting depicting the operating of the proposed decoupling mechanisms for the years 2007 through 2011, if the decoupling mechanisms had been in place for those years. As part of this analysis, please provide results that would have occurred with and without the mechanism's K-Factor.

Response:

Attached as Attachment A to Informal Bench Request No. 001, please find a PowerPoint presentation prepared by Puget Sound Energy, Inc. ("PSE") depicting the operating of the proposed decoupling mechanisms, if the decoupling mechanisms had been in place for the years 2007 through 2011. This includes the increases to base rates that occurred during this time period as a result of general rate cases, power cost only rate cases and the gas tariff increase filing. Attachment A also provides a summary of results for the mechanisms without a K-Factor.

Slide 2 of Attachment A presents a high-level summary of the results for the 2007 through 2011 time period if the proposed decoupling mechanisms had been in place. Customers would have seen both surcharges and credits to their bills, and the K-Factor would have worked both ways for gas and electric customers. The associated rate impacts would have generally been in the +/-1% range. More detail behind these summary statements is provided in the remaining slides.

Slide 3 of Attachment A shows that, over the 2007-2011 period, PSE would have accumulated almost \$20 million in excess of its allowed natural gas distribution revenue, plus an additional \$1 million in interest, if the decoupling mechanism proposed by PSE and the NW Energy Coalition had been in place for those years. As a result, natural gas customers would have received over \$15 million in bill reductions through the associated decoupling rate true-ups. Slide 3 also shows that the average impacts to natural gas customers' bills would have ranged from a credit of 1.61% to a surcharge of 0.56%. Residential natural gas customer bill impacts would have ranged from an average credit of \$1.37 to an average surcharge of \$1.14 per month. Finally, Slide 3 also shows that the K-Factor is frequently below 1.0, suggesting that it frequently

reduced the allowed natural gas distribution revenue that PSE would otherwise have been entitled to collect under the decoupling mechanism without a K-Factor.

Slides 4 and 5 of Attachment A show how the allowed natural gas revenue per customer tracks with average natural gas revenue per customer, with and without conservation, under the proposed mechanism for residential and non-residential customers, respectively.

Slide 6 of Attachment A shows that, over the 2007-2011 period, PSE would have accumulated almost \$42 million in deferred electric distribution revenue, plus an additional \$4.6 million in interest, if the decoupling mechanism proposed by PSE and the NW Energy Coalition had been in place for those years. As a result, electric customers would have been surcharged almost \$26 million through the associated decoupling rate true-ups. Slide 6 also shows that the average impacts to electric customers' bills would have ranged from a credit of about 0.19% to a surcharge of 1.1%. Residential electric customer bill impacts would have ranged from an average credit of \$0.30 to an average surcharge of \$1.17 per month. Finally, as in Slide 3, Slide 6 shows that the K-Factor is frequently below 1.0, suggesting that it would have frequently reduced the allowed electric distribution revenue that PSE would otherwise have been entitled to collect under the decoupling mechanism without a K-Factor.

Slides 7 and 8 of Attachment A show how the allowed electric revenue per customer tracks with average electric revenue per customer, with and without conservation, under the proposed mechanism for residential and non-residential customers, respectively.

Slides 9 through 11 of Attachment A are similar to those presented in Slides 3 through 5, except that they provide the results for natural gas customers where the K-Factor is set to 1.0 (effectively neutralizing its effect). The results in Slide 9 show that PSE would have accumulated almost \$26 million in excess of its allowed natural gas distribution revenue, plus an additional \$1.4 million in interest, under this scenario. In total, this is roughly \$6 million more than in the case of a natural gas decoupling mechanism with a K-Factor. Over that time period, natural gas customers would have also received over \$27 million in bill reductions through the associated decoupling rate true-ups, a \$12 million increase over the proposal with a K-Factor.

Slides 12 through 14 of Attachment A are similar to those presented in Slides 6 through 8, except that they provide the results for electric customers where the K-Factor is set to 1.0. The results in Slide 12 show that PSE would have accumulated almost \$23 million in deferred electric distribution revenue, plus an additional \$2.6 million in interest, under this scenario. In total, this is roughly \$23 million less than in the case with a K-Factor. Over the 2007-2011 time period, electric customers would have also seen approximately \$5 million in net bill increases through the associated decoupling rate true-ups, a \$21 million reduction from the proposal with a K-Factor.

Finally, Slides 16 through 35 of Attachment A provide monthly detail supporting the results in Slides 3 through 8.



Attachment A to PSE's Response to Informal Bench Request No. 001

Docket Nos. UE-121697 & UG-121705



November 21, 2012



Summary of 2007-2011 Results

If the proposed decoupling mechanisms had been in place for the period 2007-2011:

- Customers would have seen both surcharges and credits to their bills (i.e., the mechanism is “two-sided”)
- The K-Factor would have worked both ways for gas and electric customers
- The average rate impacts associated with the surcharges and credits would have generally been +/- 1% range

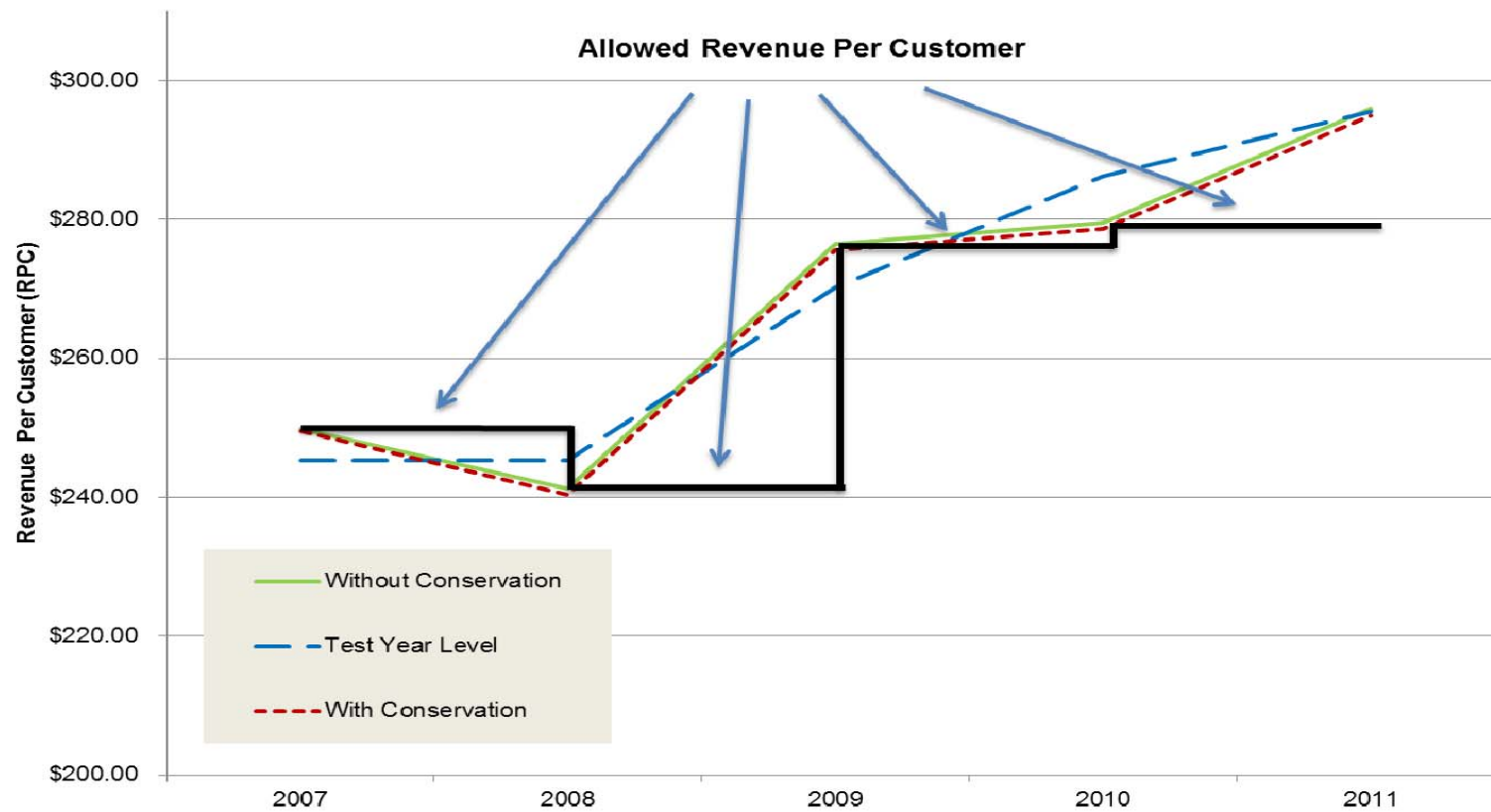


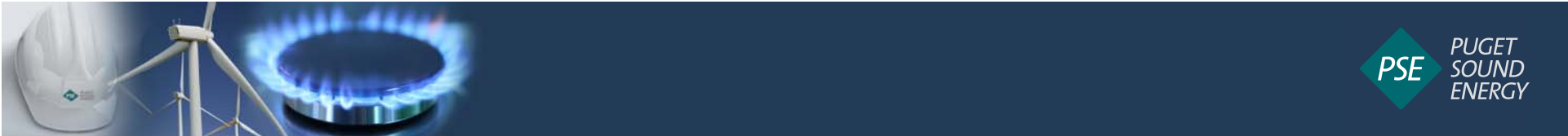
Natural Gas Decoupling Backcast Summary

Puget Sound Energy Decoupling Summary - Natural Gas 2007-2011						
	2007	2008	2009	2010	2011	Total
Deferrals						
Residential	\$ (1,945,732)	\$ (7,840,229)	\$ (7,709,744)	\$ 12,324,417	\$ (13,017,799)	\$ (18,189,087)
Non-Residential	\$ (662,391)	\$ 124,284	\$ (28,641)	\$ 2,896,704	\$ (3,852,378)	\$ (1,522,421)
Total	\$ (2,608,123)	\$ (7,715,945)	\$ (7,738,384)	\$ 15,221,121	\$ (16,870,176)	\$ (19,711,508)
Interest						
Residential	\$ (97,644)	\$ (1,008,905)	\$ (1,485,787)	\$ 686,510	\$ 727,463	\$ (1,178,363)
Non-Residential	\$ (80,632)	\$ (140,308)	\$ (44,682)	\$ 435,285	\$ 8,777	\$ 178,440
Total	\$ (178,276)	\$ (1,149,212)	\$ (1,530,470)	\$ 1,121,795	\$ 736,240	\$ (999,923)
Amortization						
Residential	\$ -	\$ (1,018,600)	\$ (6,413,769)	\$ (10,401,196)	\$ 1,295,064	\$ (16,538,502)
Non-Residential	\$ -	\$ (401,881)	\$ (547,566)	\$ (51,397)	\$ 2,127,150	\$ 1,126,306
Total	\$ -	\$ (1,420,482)	\$ (6,961,335)	\$ (10,452,594)	\$ 3,422,214	\$ (15,412,196)
Amortization Rate (Rates Effective May 1st)						
Residential	\$ -	\$ (0.00349)	\$ (0.01906)	\$ (0.02013)	\$ 0.01677	
Non-Residential	\$ -	\$ (0.00209)	\$ (0.00112)	\$ 0.00031	\$ 0.00919	
Annual Amortization Rate Impact*						
Residential	0.00%	-0.13%	-0.82%	-1.61%	0.17%	
Non-Residential	0.00%	-0.11%	-0.13%	-0.02%	0.56%	
Average Bill Impact (Rates effective May 1st)						
Residential (68 therms)	\$ -	\$ (0.24)	\$ (1.30)	\$ (1.37)	\$ 1.14	
K-Factor						
Residential	1.018675	0.983727	1.023046	0.976591	1.001405	
Non-Residential	1.045052	1.007928	0.995204	0.963436	1.014024	
*Equals total annual amortization \$ / total annual revenues \$						

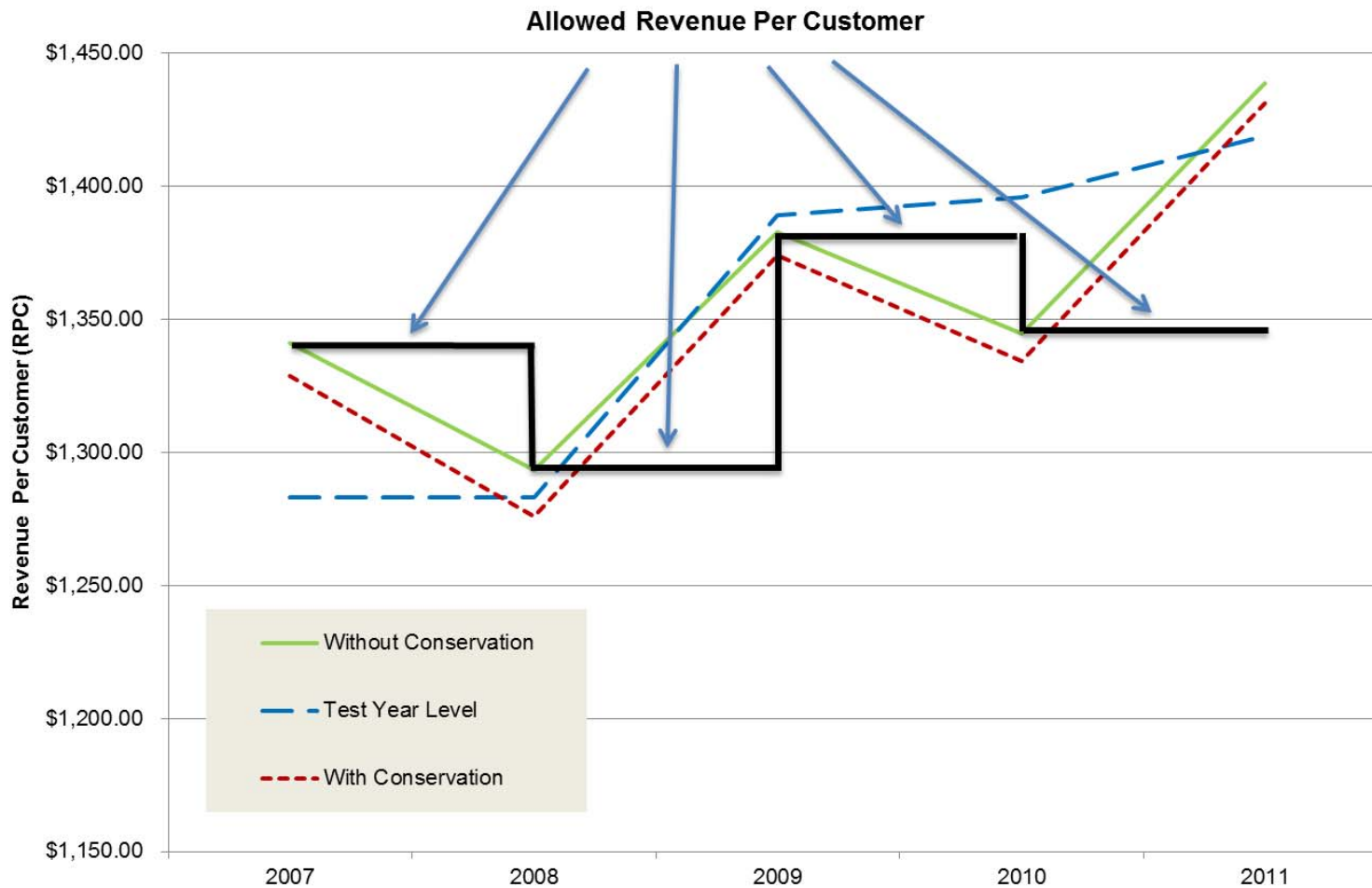


Allowed Revenue Per Gas Residential Customer





Allowed Revenue Per Gas Non-Residential Customer



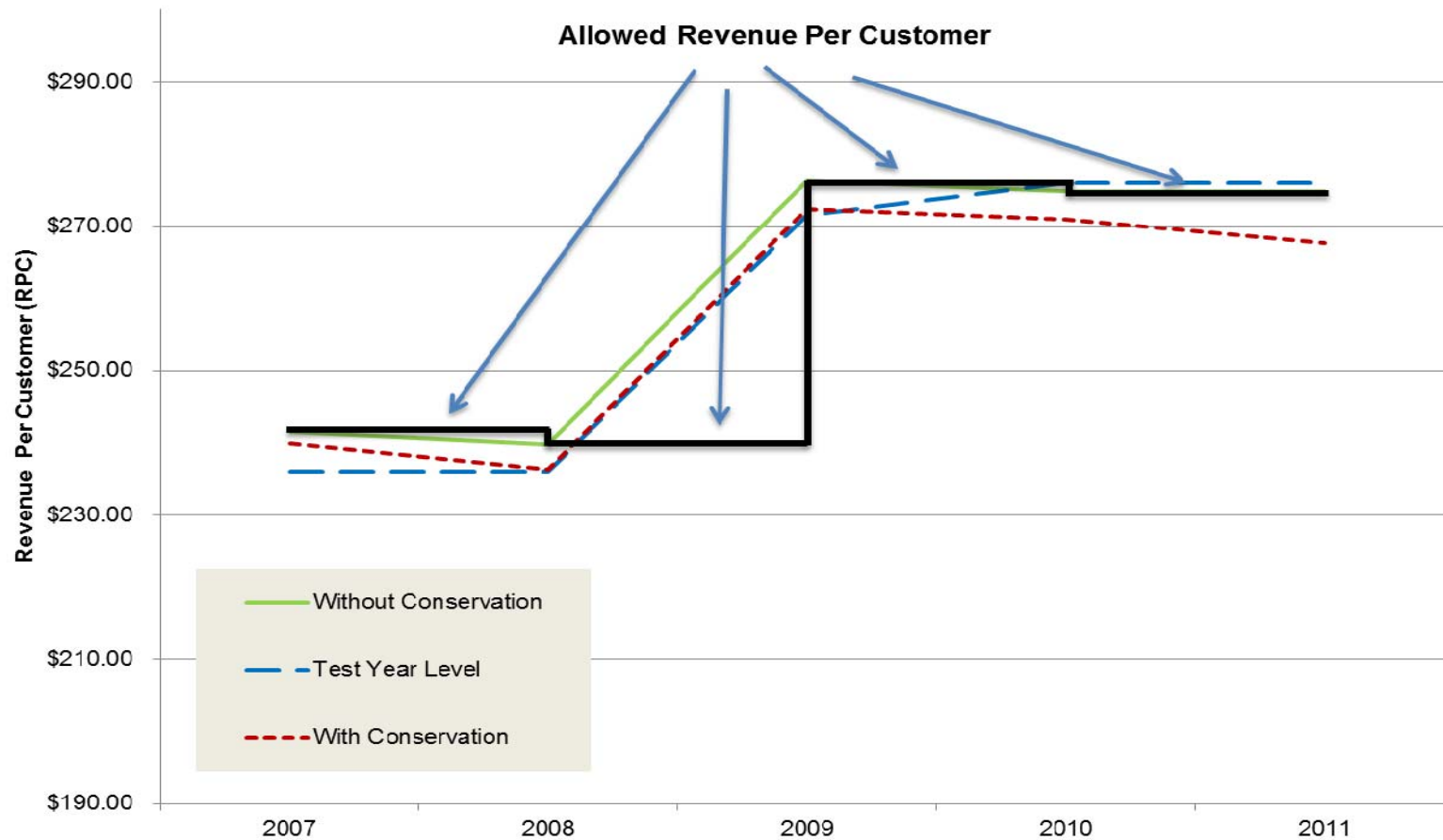


Electric Decoupling Backcast Summary

Puget Sound Energy Decoupling Summary - Electric 2007-2011						
	2007	2008	2009	2010	2011	Total
Deferrals						
Residential	\$ (3,040,565)	\$ 1,362,405	\$ (580,636)	\$ 11,411,614	\$ 3,607,794	\$ 12,760,611
Non-Residential	\$ 1,360,171	\$ 3,604,771	\$ 6,008,521	\$ 10,089,617	\$ 8,020,559	\$ 29,083,638
Total	\$ (1,680,394)	\$ 4,967,176	\$ 5,427,885	\$ 21,501,230	\$ 11,628,352	\$ 41,844,249
Interest						
Residential	\$ (264,666)	\$ (352,754)	\$ (40,017)	\$ 1,088,267	\$ 1,178,023	\$ 1,608,853
Non-Residential	\$ (43,612)	\$ 176,092	\$ 586,432	\$ 1,177,574	\$ 1,075,063	\$ 2,971,549
Total	\$ (308,278)	\$ (176,662)	\$ 546,416	\$ 2,265,841	\$ 2,253,086	\$ 4,580,402
Amortization						
Residential	\$ -	\$ (1,999,687)	\$ (1,491,979)	\$ 280,727	\$ 8,051,925	\$ 4,840,986
Non-Residential	\$ -	\$ 873,428	\$ 3,281,464	\$ 6,214,605	\$ 10,704,593	\$ 21,074,090
Total	\$ -	\$ (1,126,259)	\$ 1,789,485	\$ 6,495,332	\$ 18,756,518	\$ 25,915,076
Amortization Rate (Rates Effective May 1st)						
Residential	\$ -	\$ (0.00030)	\$ (0.00003)	\$ 0.00005	\$ 0.00117	
Non-Residential	\$ -	\$ 0.00012	\$ 0.00041	\$ 0.00067	\$ 0.00122	
Annual Amortization Rate Impact*						
Residential	0.00%	-0.19%	-0.14%	0.03%	0.70%	
Non-Residential	0.00%	0.10%	0.35%	0.66%	1.10%	
Average Bill Impact (Rates effective May 1st)						
Residential (1000 kWh)	\$ -	\$ (0.30)	\$ (0.03)	\$ 0.05	\$ 1.17	
K-Factor						
Residential	1.023185	1.015692	1.017810	0.995759	0.995669	
Non-Residential	1.047413	1.050715	1.012935	0.981786	0.982219	
*Equals total annual amortization \$ / total annual revenues \$						

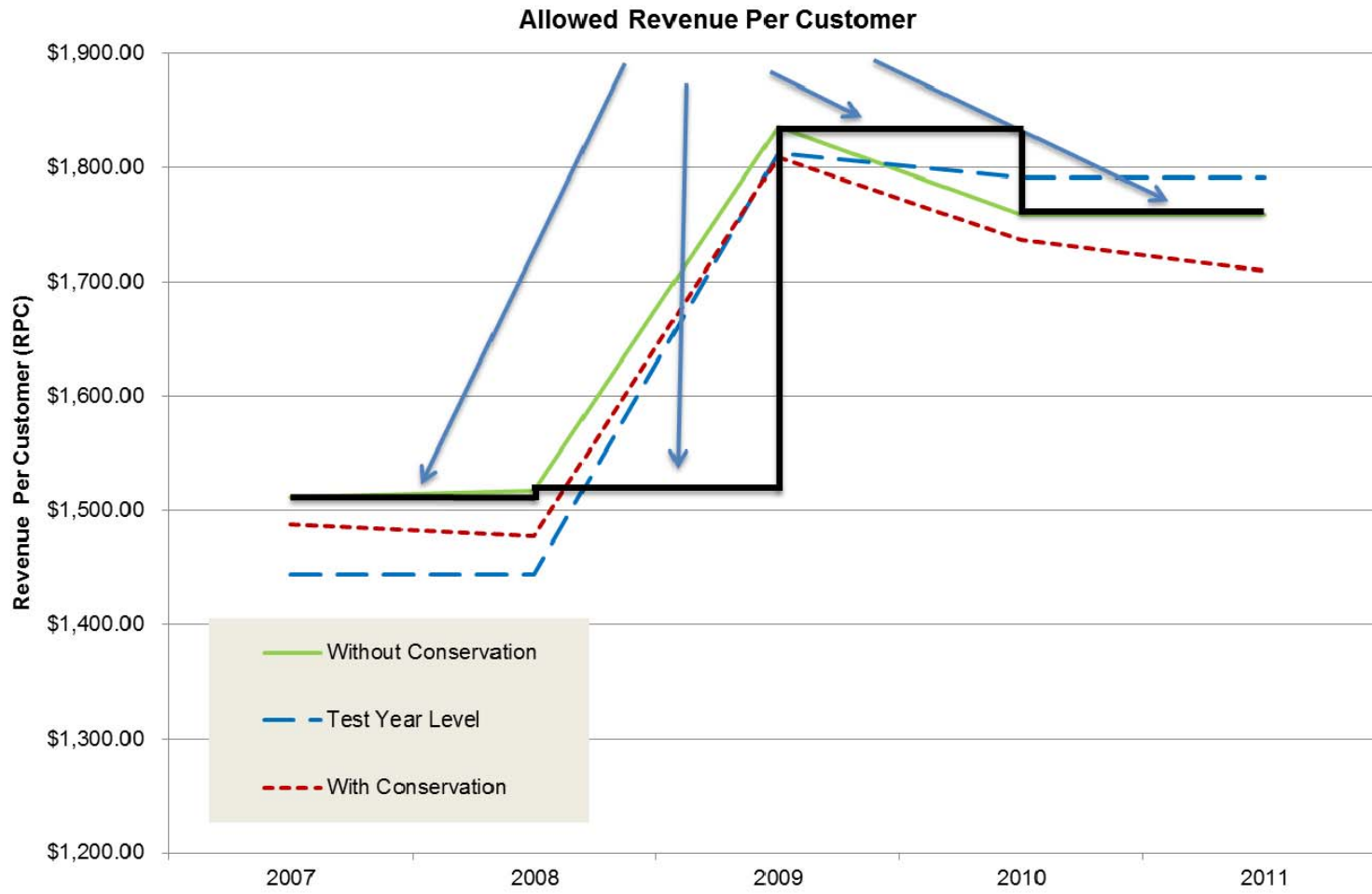


Allowed Revenue Per Electric Residential Customer





Allowed Revenue Per Electric Non-Residential Customer



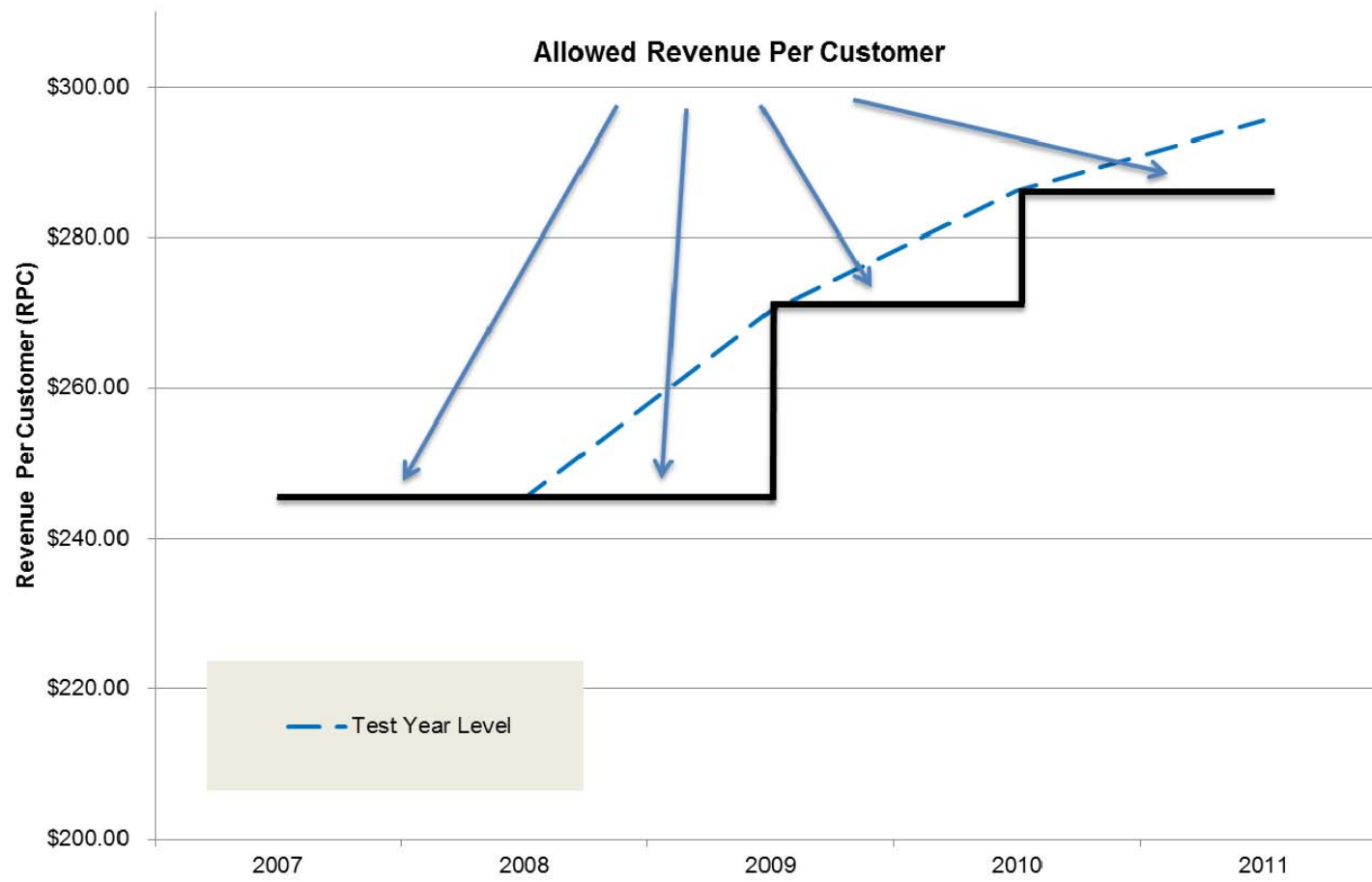


Gas Decoupling Backcast Summary – No K-Factor

Puget Sound Energy Decoupling Summary - Natural Gas No K-Factor 2007-2011						
	2007	2008	2009	2010	2011	Total
Deferrals						
Residential	\$ (6,569,571)	\$ (8,500,531)	\$ (9,600,161)	\$ 13,385,490	\$ (11,324,940)	\$ (22,609,712)
Non-Residential	\$ (3,319,526)	\$ (1,424,962)	\$ 341,629	\$ 4,853,676	\$ (3,519,079)	\$ (3,068,262)
Total	\$ (9,889,097)	\$ (9,925,492)	\$ (9,258,533)	\$ 18,239,166	\$ (14,844,019)	\$ (25,677,974)
Interest						
Residential	\$ (432,846)	\$ (1,580,817)	\$ (1,542,237)	\$ 740,436	\$ 1,225,773	\$ (1,589,691)
Non-Residential	\$ (220,935)	\$ (542,394)	\$ (147,812)	\$ 708,697	\$ 421,778	\$ 219,333
Total	\$ (653,781)	\$ (2,123,211)	\$ (1,690,049)	\$ 1,449,132	\$ 1,647,551	\$ (1,370,358)
Amortization						
Residential	\$ -	\$ (3,490,627)	\$ (10,930,667)	\$ (12,374,321)	\$ 1,951,921	\$ (24,843,693)
Non-Residential	\$ -	\$ (1,914,942)	\$ (3,702,030)	\$ (1,020,968)	\$ 4,209,171	\$ (2,428,769)
Total	\$ -	\$ (5,405,569)	\$ (14,632,697)	\$ (13,395,289)	\$ 6,161,092	\$ (27,272,462)
Amortization Rate (Rates Effective May 1st)						
Residential	\$ -	\$ (0.01195)	\$ (0.02624)	\$ (0.02196)	\$ 0.01980	
Non-Residential	\$ -	\$ (0.00994)	\$ (0.01130)	\$ 0.00080	\$ 0.01808	
Annual Amortization Rate Impact*						
Residential	0.00%	-0.45%	-1.41%	-1.92%	0.26%	
Non-Residential	0.00%	-0.53%	-0.91%	-0.30%	1.10%	
Average Bill Impact (Rates effective May 1st)						
Residential (68 therms)	\$ -	\$ (0.81)	\$ (1.78)	\$ (1.49)	\$ 1.35	
K-Factor						
Residential	1.000000	1.000000	1.000000	1.000000	1.000000	
Non-Residential	1.000000	1.000000	1.000000	1.000000	1.000000	
*Equals total annual amortization \$ / total annual revenues \$						

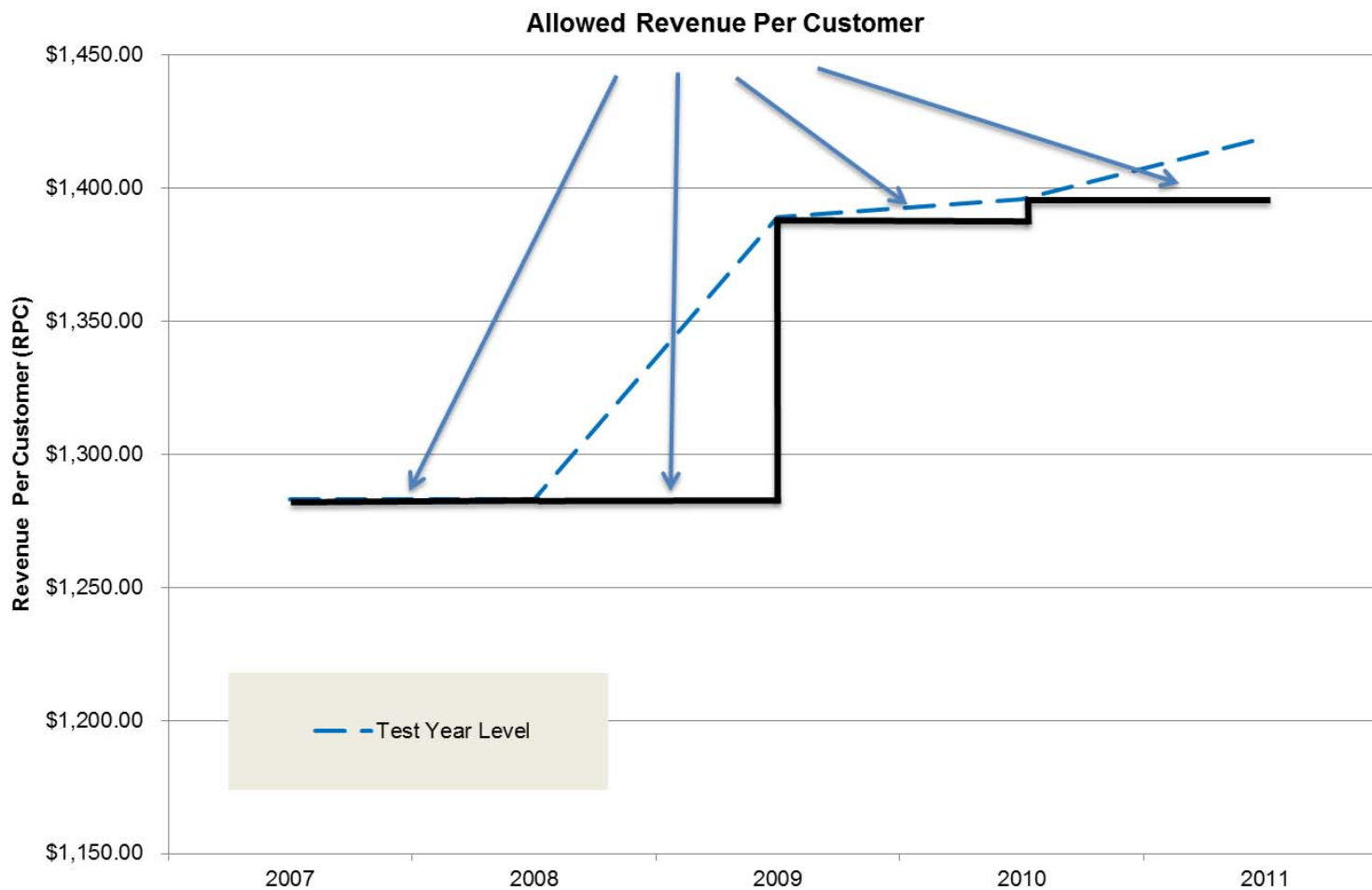


Allowed Revenue Per Gas Residential Customer – No K Factor





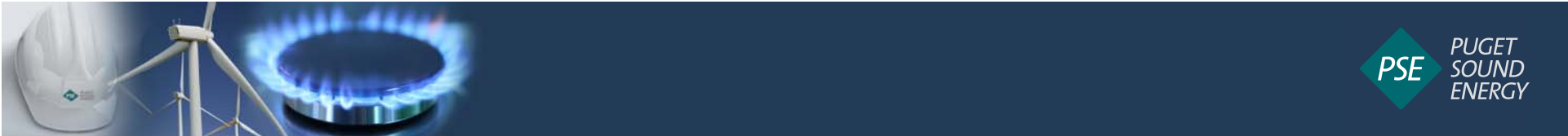
Allowed Revenue Per Gas Non-Residential Customer – No K Factor



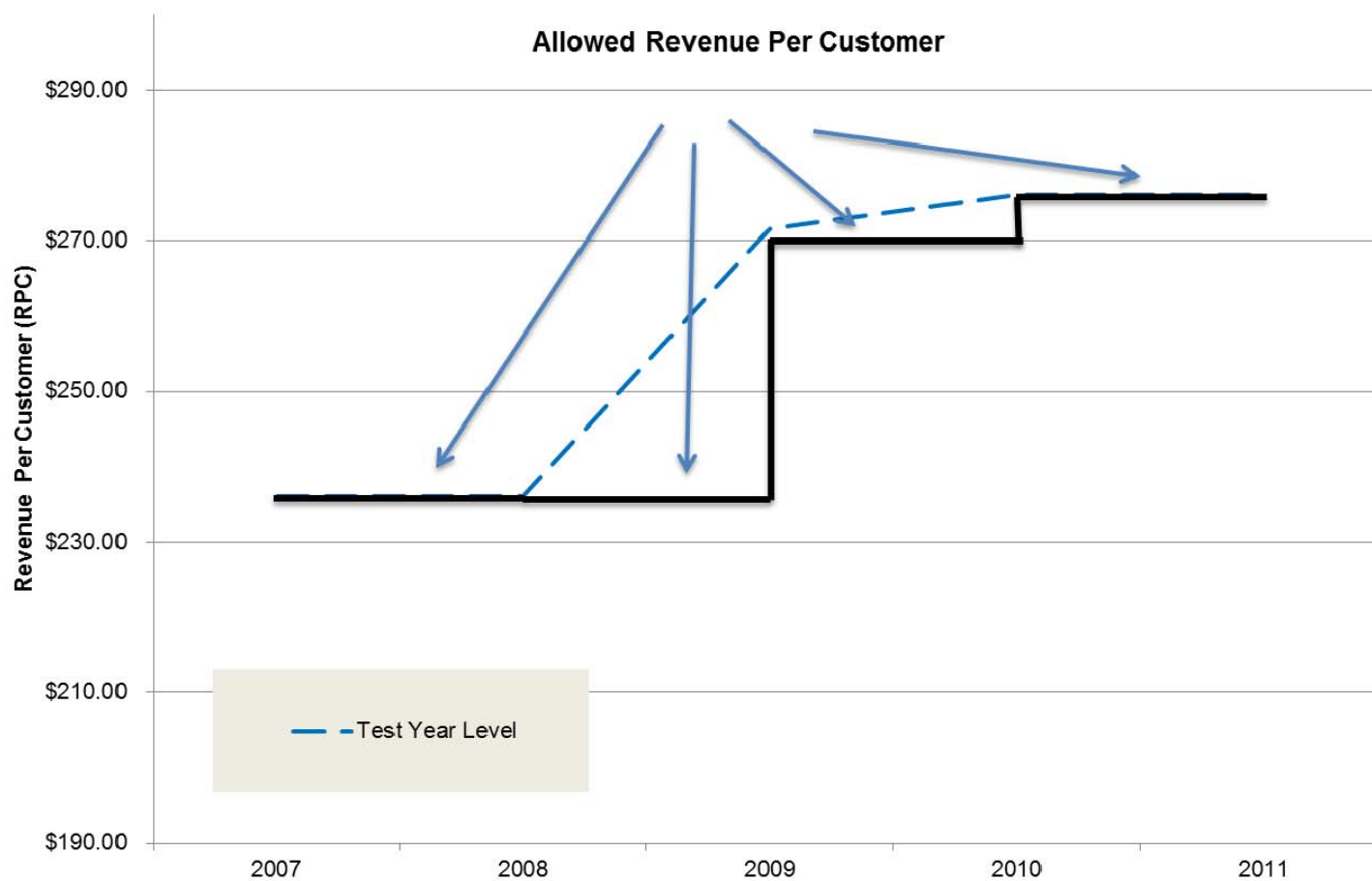


Electric Decoupling Backcast Summary – No K-Factor

Puget Sound Energy Decoupling Summary - Electric No K-Factor 2007-2011						
	2007	2008	2009	2010	2011	Total
Deferrals						
Residential	\$ (6,487,288)	\$ (2,204,209)	\$ (3,657,932)	\$ 10,770,329	\$ 4,752,136	\$ 3,173,035
Non-Residential	\$ (4,568,751)	\$ (3,735,915)	\$ 3,684,648	\$ 12,312,393	\$ 11,986,744	\$ 19,679,119
Total	\$ (11,056,039)	\$ (5,940,124)	\$ 26,716	\$ 23,082,722	\$ 16,738,879	\$ 22,852,154
Interest						
Residential	\$ (403,026)	\$ (930,113)	\$ (454,857)	\$ 902,292	\$ 1,462,807	\$ 577,102
Non-Residential	\$ (292,529)	\$ (811,079)	\$ (102,078)	\$ 1,331,403	\$ 1,932,614	\$ 2,058,331
Total	\$ (695,555)	\$ (1,741,192)	\$ (556,935)	\$ 2,233,695	\$ 3,395,420	\$ 2,635,433
Amortization						
Residential	\$ -	\$ (4,168,686)	\$ (6,411,303)	\$ (3,952,581)	\$ 6,102,856	\$ (8,429,715)
Non-Residential	\$ -	\$ (3,225,056)	\$ (5,791,066)	\$ 648,097	\$ 11,715,426	\$ 3,347,400
Total	\$ -	\$ (7,393,743)	\$ (12,202,369)	\$ (3,304,484)	\$ 17,818,281	\$ (5,082,315)
Amortization Rate (Rates Effective May 1st)						
Residential	\$ -	\$ (0.00062)	\$ (0.00055)	\$ (0.00030)	\$ 0.00111	
Non-Residential	\$ -	\$ (0.00045)	\$ (0.00059)	\$ 0.00028	\$ 0.00156	
Annual Amortization Rate Impact*						
Residential	0.00%	-0.40%	-0.61%	-0.37%	0.53%	
Non-Residential	0.00%	-0.36%	-0.62%	0.07%	1.20%	
Average Bill Impact (Rates effective May 1st)						
Residential (1000 kWh)	\$ -	\$ (0.62)	\$ (0.55)	\$ (0.30)	\$ 1.11	
K-Factor						
Residential	1.000000	1.000000	1.000000	1.000000	1.000000	
Non-Residential	1.000000	1.000000	1.000000	1.000000	1.000000	
*Equals total annual amortization \$ / total annual revenues \$						

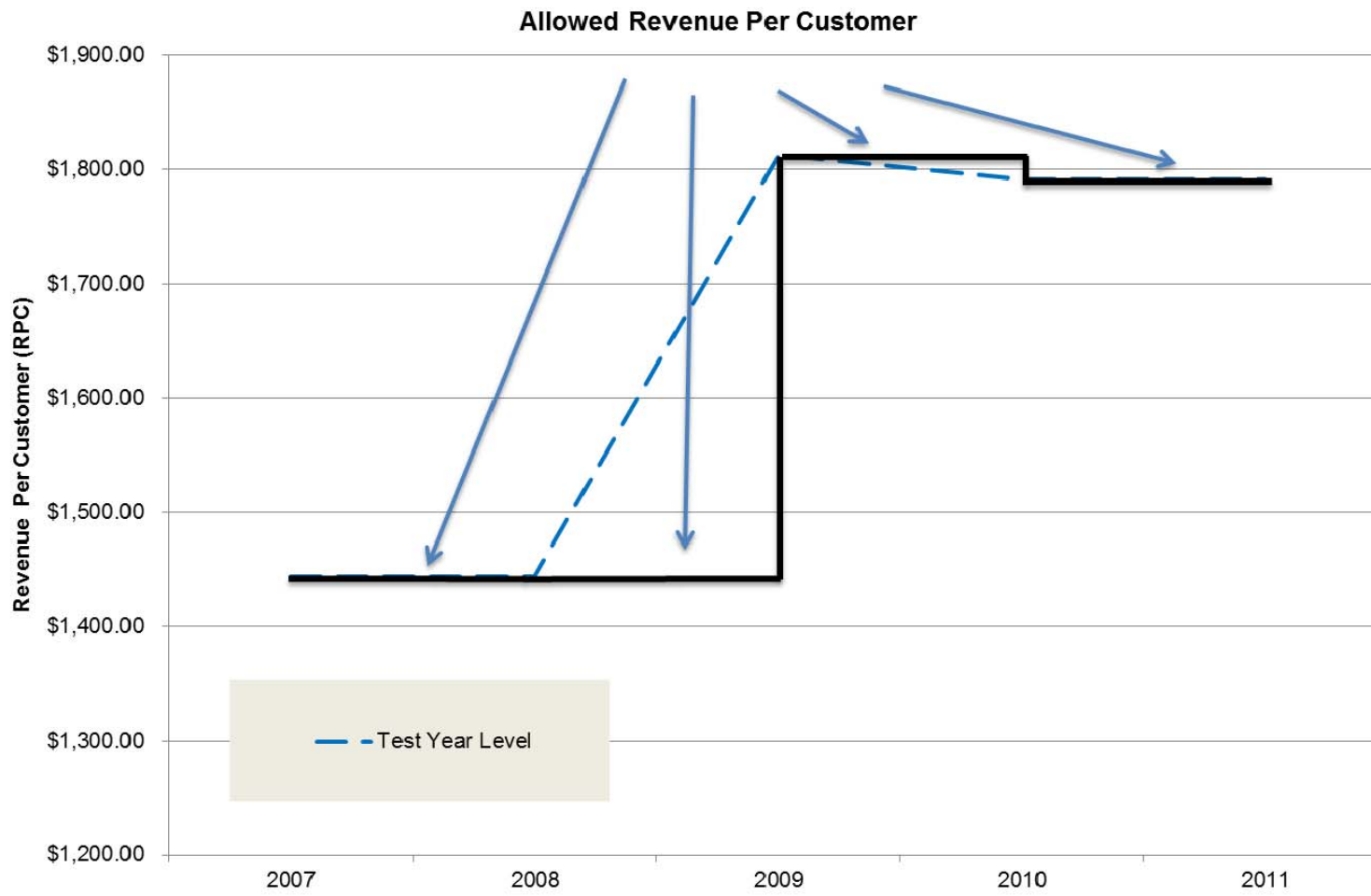


Allowed Revenue Per Electric Residential Customer – No K Factor





Allowed Revenue Per Electric Non-Residential Customer – No K Factor





Appendix



Natural Gas Decoupling Backcast Summary – Residential Calculations with K-Factor (2007)

Puget Sound Energy Residential Calculation of Deferrals - Natural Gas 2007 - 2011												
	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
Actual Customers	660,002	661,783	662,997	664,271	664,983	665,955	666,803	668,011	669,241	671,084	672,266	673,633
Monthly Allowed Delivery Revenue per Customer	\$ 39.47	\$ 28.86	\$ 30.36	\$ 20.65	\$ 12.83	\$ 7.87	\$ 5.81	\$ 5.96	\$ 8.87	\$ 16.85	\$ 30.26	\$ 39.53
Allowed Total Delivery Revenue	\$ 26,051,417	\$ 19,100,920	\$ 20,125,951	\$ 13,713,943	\$ 8,529,838	\$ 5,239,391	\$ 3,873,007	\$ 3,981,350	\$ 5,938,503	\$ 11,305,988	\$ 20,340,489	\$ 26,627,313
Actual Therms	91,939,263	67,426,422	60,034,746	43,110,406	27,965,445	17,792,298	13,160,511	13,274,258	21,318,183	44,433,140	67,356,741	87,379,648
Delivery Cost Energy Rate	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039
Monthly Actual Delivery Revenue per Customer	\$ 27,617,635	\$ 20,254,223	\$ 18,033,837	\$ 12,949,935	\$ 8,400,540	\$ 5,344,628	\$ 3,953,286	\$ 3,987,454	\$ 6,403,769	\$ 13,347,271	\$ 20,233,291	\$ 26,247,972
Deferral	\$ (1,566,219)	\$ (1,153,303)	\$ 2,092,114	\$ 764,008	\$ 129,298	\$ (105,237)	\$ (80,279)	\$ (6,105)	\$ (465,266)	\$ (2,041,283)	\$ 107,198	\$ 379,341
Interest on Deferral	\$ (7,412)	\$ (20,282)	\$ (15,839)	\$ (2,323)	\$ 1,905	\$ 2,019	\$ 1,141	\$ 732	\$ (1,499)	\$ (13,361)	\$ (22,514)	\$ (20,211)
Cumulative Deferral	\$ (1,573,631)	\$ (2,747,216)	\$ (670,941)	\$ 90,745	\$ 221,948	\$ 118,729	\$ 39,591	\$ 34,218	\$ (432,547)	\$ (2,487,190)	\$ (2,402,506)	\$ (2,043,376)
Deferral Amortization Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deferral Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cumulative Deferral Net of Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Actual Revenue	\$ 124,253,050	\$ 93,040,255	\$ 84,264,268	\$ 62,139,563	\$ 42,258,194	\$ 28,908,772	\$ 23,158,811	\$ 23,391,858	\$ 32,697,217	\$ 57,496,046	\$ 82,140,095	\$ 105,796,926
Monthly Rate Impact	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Annual Rate Impact												
Average Monthly Bill Impact (@ 68 therms)												



Natural Gas Decoupling Backcast Summary – Residential Calculations with K-Factor (2008)

Puget Sound Energy Residential Calculation of Deferrals - Natural Gas 2007 - 2011												
	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08
Actual Customers	675,905	677,533	678,584	679,422	680,150	680,874	681,509	682,101	682,666	684,014	685,692	686,718
Monthly Allowed Delivery Revenue per Customer	\$ 39.58	\$ 33.58	\$ 29.37	\$ 19.32	\$ 12.88	\$ 7.84	\$ 5.95	\$ 6.00	\$ 9.03	\$ 17.13	\$ 32.96	\$ 43.00
Allowed Total Delivery Revenue	\$ 26,753,692	\$ 22,753,552	\$ 19,930,678	\$ 13,123,516	\$ 8,759,442	\$ 5,338,637	\$ 4,054,747	\$ 4,093,345	\$ 6,163,447	\$ 11,715,081	\$ 22,598,272	\$ 29,529,640
Actual Therms	95,742,034	75,926,808	70,003,310	56,765,949	34,794,774	22,899,228	14,240,977	14,137,255	19,583,504	39,585,038	55,964,318	90,966,528
Delivery Cost Energy Rate	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.30039	\$ 0.33606	\$ 0.33606
Monthly Actual Delivery Revenue per Customer	\$ 28,759,950	\$ 22,807,654	\$ 21,028,294	\$ 17,051,923	\$ 10,452,002	\$ 6,878,699	\$ 4,277,847	\$ 4,246,690	\$ 5,882,689	\$ 11,890,950	\$ 18,807,369	\$ 30,570,211
Deferral	\$ (2,006,257)	\$ (54,102)	\$ (1,097,616)	\$ (3,928,407)	\$ (1,692,561)	\$ (1,540,062)	\$ (223,100)	\$ (153,345)	\$ 280,758	\$ (175,868)	\$ 3,790,903	\$ (1,040,571)
Interest on Deferral	\$ (27,910)	\$ (37,661)	\$ (43,111)	\$ (66,896)	\$ (92,923)	\$ (107,269)	\$ (115,001)	\$ (116,314)	\$ (115,155)	\$ (113,682)	\$ (94,141)	\$ (78,841)
Cumulative Deferral	\$ (4,077,544)	\$ (4,169,307)	\$ (5,310,035)	\$ (9,305,339)	\$ (11,090,822)	\$ (12,738,153)	\$ (13,076,254)	\$ (13,345,914)	\$ (13,180,310)	\$ (13,469,860)	\$ (9,773,098)	\$ (10,892,510)
Deferral Amortization Rate	\$ -	\$ -	\$ -	\$ -	\$ (0.00349)	\$ (0.00349)	\$ (0.00349)	\$ (0.00349)	\$ (0.00349)	\$ (0.00349)	\$ (0.00349)	\$ (0.00349)
Deferral Amortization	\$ -	\$ -	\$ -	\$ -	\$ (121,305)	\$ (79,834)	\$ (49,648)	\$ (49,287)	\$ (68,274)	\$ (138,006)	\$ (195,109)	\$ (317,137)
Cumulative Deferral Net of Amortization	\$ -	\$ -	\$ -	\$ -	\$ (10,969,517)	\$ (12,537,014)	\$ (12,825,467)	\$ (13,045,839)	\$ (12,811,962)	\$ (12,963,506)	\$ (9,071,635)	\$ (9,873,910)
Actual Revenue	\$ 114,266,203	\$ 91,437,287	\$ 85,350,990	\$ 70,117,975	\$ 45,346,944	\$ 31,782,359	\$ 22,040,742	\$ 22,065,798	\$ 28,745,488	\$ 56,059,255	\$ 79,512,290	\$ 126,238,563
Monthly Rate Impact	0.000%	0.000%	0.000%	0.000%	-0.268%	-0.252%	-0.226%	-0.224%	-0.238%	-0.247%	-0.246%	-0.252%
Annual Rate Impact												-0.132%
Average Monthly Bill Impact (@ 68 therms)					\$ (0.24)							



Natural Gas Decoupling Backcast Summary – Residential Calculations with K-Factor (2009)

Puget Sound Energy Residential Calculation of Deferrals - Natural Gas 2007 - 2011												
	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09
Actual Customers	688,112	689,045	689,505	689,693	689,602	689,468	688,633	688,411	688,660	689,591	690,662	691,848
Monthly Allowed Delivery Revenue per Customer	\$ 41.16	\$ 34.30	\$ 31.00	\$ 21.21	\$ 17.27	\$ 9.41	\$ 7.05	\$ 7.00	\$ 9.94	\$ 18.52	\$ 33.05	\$ 39.90
Allowed Total Delivery Revenue	\$ 28,324,181	\$ 23,634,923	\$ 21,377,632	\$ 14,627,797	\$ 11,908,707	\$ 6,490,987	\$ 4,852,958	\$ 4,816,059	\$ 6,844,566	\$ 12,768,876	\$ 22,825,929	\$ 27,603,095
Actual Therms	94,365,724	76,456,219	74,956,230	48,164,866	28,361,904	15,132,800	12,895,626	12,640,962	18,192,518	40,808,569	67,091,190	87,572,839
Delivery Cost Energy Rate	\$ 0.33606	\$ 0.33606	\$ 0.33606	\$ 0.33606	\$ 0.33606	\$ 0.33606	\$ 0.33606	\$ 0.33606	\$ 0.33606	\$ 0.33606	\$ 0.33606	\$ 0.33606
Monthly Actual Delivery Revenue per Customer	\$ 31,712,545	\$ 25,693,877	\$ 25,189,791	\$ 16,186,285	\$ 9,531,302	\$ 5,085,529	\$ 4,333,704	\$ 4,248,122	\$ 6,113,778	\$ 13,714,128	\$ 22,546,665	\$ 29,429,728
Deferral	\$ (3,388,364)	\$ (2,058,955)	\$ (3,812,158)	\$ (1,558,488)	\$ 2,377,406	\$ 1,405,458	\$ 519,253	\$ 567,937	\$ 730,788	\$ (945,252)	\$ 279,264	\$ (1,826,634)
Interest on Deferral	\$ (96,581)	\$ (119,335)	\$ (144,393)	\$ (167,567)	\$ (160,403)	\$ (138,774)	\$ (127,242)	\$ (119,861)	\$ (111,013)	\$ (106,745)	\$ (100,222)	\$ (93,651)
Cumulative Deferral	\$ (14,377,455)	\$ (16,555,744)	\$ (20,512,295)	\$ (22,238,350)	\$ (20,021,348)	\$ (18,754,664)	\$ (18,362,653)	\$ (17,914,576)	\$ (17,294,802)	\$ (18,346,798)	\$ (18,167,756)	\$ (20,088,041)
Deferral Amortization Rate	\$ (0.00349)	\$ (0.00349)	\$ (0.00349)	\$ (0.00349)	\$ (0.01906)	\$ (0.01906)	\$ (0.01906)	\$ (0.01906)	\$ (0.01906)	\$ (0.01906)	\$ (0.01906)	\$ (0.01906)
Deferral Amortization	\$ (328,988)	\$ (266,550)	\$ (261,321)	\$ (167,918)	\$ (540,658)	\$ (288,474)	\$ (245,827)	\$ (240,972)	\$ (346,801)	\$ (777,927)	\$ (1,278,948)	\$ (1,669,386)
Cumulative Deferral Net of Amortization	\$ (13,029,866)	\$ (14,941,605)	\$ (18,636,836)	\$ (20,194,974)	\$ (17,437,313)	\$ (15,882,155)	\$ (15,244,317)	\$ (14,555,268)	\$ (13,588,693)	\$ (13,862,762)	\$ (12,404,772)	\$ (12,655,671)
Actual Revenue	\$ 129,868,466	\$ 105,755,605	\$ 104,627,391	\$ 69,694,524	\$ 44,111,872	\$ 26,544,134	\$ 23,861,946	\$ 23,458,233	\$ 29,266,289	\$ 51,445,937	\$ 77,576,105	\$ 99,536,960
Monthly Rate Impact	-0.254%	-0.253%	-0.250%	-0.242%	-1.241%	-1.099%	-1.041%	-1.038%	-1.199%	-1.535%	-1.676%	-1.706%
Annual Rate Impact												-0.823%
Average Monthly Bill Impact (@ 68 therms)					\$ (1.30)							



Natural Gas Decoupling Backcast Summary – Residential Calculations with K-Factor (2010)

Puget Sound Energy Residential Calculation of Deferrals - Natural Gas 2007 - 2011												
	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
Actual Customers	693,142	693,890	694,260	694,599	694,270	693,755	693,075	692,461	692,767	694,120	695,669	696,985
Monthly Allowed Delivery Revenue per Customer	\$ 43.07	\$ 38.36	\$ 29.61	\$ 23.07	\$ 14.82	\$ 9.82	\$ 6.55	\$ 6.42	\$ 10.11	\$ 20.43	\$ 36.35	\$ 40.29
Allowed Total Delivery Revenue	\$ 29,850,211	\$ 26,618,695	\$ 20,560,159	\$ 16,027,037	\$ 10,289,527	\$ 6,815,723	\$ 4,538,582	\$ 4,445,012	\$ 7,007,067	\$ 14,179,237	\$ 25,287,965	\$ 28,082,435
Actual Therms	71,187,897	58,358,141	59,215,502	46,508,717	33,382,276	21,957,245	15,080,464	14,189,322	18,122,059	36,524,334	67,472,813	84,734,605
Delivery Cost Energy Rate	\$ 0.33606	\$ 0.33606	\$ 0.33606	\$ 0.34897	\$ 0.34897	\$ 0.34897	\$ 0.34897	\$ 0.34897	\$ 0.34897	\$ 0.34897	\$ 0.34897	\$ 0.34897
Monthly Actual Delivery Revenue per Customer	\$ 23,923,405	\$ 19,611,837	\$ 19,899,962	\$ 16,230,147	\$ 11,649,413	\$ 7,662,420	\$ 5,262,630	\$ 4,951,648	\$ 6,324,055	\$ 12,745,897	\$ 23,545,988	\$ 29,569,835
Deferral	\$ 5,926,806	\$ 7,006,858	\$ 660,197	\$ (203,110)	\$ (1,359,886)	\$ (846,697)	\$ (724,047)	\$ (506,635)	\$ 683,012	\$ 1,433,340	\$ 1,741,978	\$ (1,487,400)
Interest on Deferral	\$ (60,230)	\$ 12,007	\$ 58,475	\$ 69,302	\$ 69,511	\$ 64,459	\$ 60,644	\$ 57,678	\$ 61,500	\$ 76,369	\$ 100,726	\$ 116,067
Cumulative Deferral	\$ (14,221,465)	\$ (7,202,599)	\$ (6,483,926)	\$ (6,617,734)	\$ (7,908,109)	\$ (8,690,347)	\$ (9,353,750)	\$ (9,802,707)	\$ (9,058,194)	\$ (7,548,485)	\$ (5,705,781)	\$ (7,077,114)
Deferral Amortization Rate	\$ (0.01906)	\$ (0.01906)	\$ (0.01906)	\$ (0.02013)	\$ (0.02013)	\$ (0.02013)	\$ (0.02013)	\$ (0.02013)	\$ (0.02013)	\$ (0.02013)	\$ (0.02013)	\$ (0.02013)
Deferral Amortization	\$ (1,357,043)	\$ (1,112,471)	\$ (1,128,815)	\$ (936,151)	\$ (671,935)	\$ (441,967)	\$ (303,547)	\$ (285,610)	\$ (364,770)	\$ (735,180)	\$ (1,358,127)	\$ (1,705,581)
Cumulative Deferral Net of Amortization	\$ (5,432,053)	\$ 2,699,284	\$ 4,546,772	\$ 5,349,115	\$ 4,730,676	\$ 4,390,404	\$ 4,030,548	\$ 3,867,201	\$ 4,976,484	\$ 7,221,373	\$ 10,422,204	\$ 10,756,452
Actual Revenue	\$ 81,946,958	\$ 67,857,466	\$ 69,836,997	\$ 56,646,639	\$ 43,230,266	\$ 31,073,327	\$ 23,967,015	\$ 22,895,971	\$ 27,006,573	\$ 47,944,359	\$ 82,565,479	\$ 102,550,503
Monthly Rate Impact	-1.684%	-1.667%	-1.643%	-1.680%	-1.579%	-1.443%	-1.283%	-1.263%	-1.369%	-1.557%	-1.672%	-1.691%
Annual Rate Impact												-1.607%
Average Monthly Bill Impact (@ 68 therms)				\$ (1.37)								



Natural Gas Decoupling Backcast Summary – Residential Calculations with K-Factor (2011)

Puget Sound Energy Residential Calculation of Deferrals - Natural Gas 2007 - 2011												
	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
Actual Customers	698,343	699,167	699,710	699,771	699,429	699,343	698,970	699,001	699,336	700,709	702,526	704,130
Monthly Allowed Delivery Revenue per Customer	\$ 43.65	\$ 37.11	\$ 30.89	\$ 24.12	\$ 15.56	\$ 10.54	\$ 7.54	\$ 7.10	\$ 9.76	\$ 20.78	\$ 32.78	\$ 50.46
Allowed Total Delivery Revenue	\$ 30,483,596	\$ 25,946,738	\$ 21,612,053	\$ 16,877,086	\$ 10,884,403	\$ 7,370,373	\$ 5,268,689	\$ 4,961,654	\$ 6,827,393	\$ 14,563,026	\$ 23,031,504	\$ 35,532,959
Actual Therms	83,706,311	77,185,679	74,267,002	55,612,932	36,449,644	20,703,341	15,216,150	13,536,213	17,103,796	41,092,651	72,749,178	86,933,076
Delivery Cost Energy Rate	\$ 0.34897	\$ 0.34897	\$ 0.34897	\$ 0.37372	\$ 0.37372	\$ 0.37372	\$ 0.37372	\$ 0.37372	\$ 0.37372	\$ 0.37372	\$ 0.37372	\$ 0.37372
Monthly Actual Delivery Revenue per Customer	\$ 29,210,991	\$ 26,935,486	\$ 25,916,956	\$ 20,783,665	\$ 13,621,961	\$ 7,737,252	\$ 5,686,580	\$ 5,058,753	\$ 6,392,031	\$ 15,357,145	\$ 27,187,823	\$ 32,488,629
Deferral	\$ 1,272,605	\$ (988,749)	\$ (4,304,903)	\$ (3,906,579)	\$ (2,737,558)	\$ (366,880)	\$ (417,890)	\$ (97,100)	\$ 435,362	\$ (794,119)	\$ (4,156,319)	\$ 3,044,330
Interest on Deferral	\$ 130,748	\$ 147,032	\$ 136,652	\$ 101,289	\$ 63,434	\$ 44,651	\$ 38,237	\$ 33,627	\$ 32,815	\$ 26,643	\$ (5,071)	\$ (22,594)
Cumulative Deferral	\$ (5,673,761)	\$ (6,515,478)	\$ (10,683,728)	\$ (14,489,018)	\$ (17,163,142)	\$ (17,485,371)	\$ (17,865,024)	\$ (17,928,497)	\$ (17,460,321)	\$ (18,227,797)	\$ (22,389,186)	\$ (19,367,450)
Deferral Amortization Rate	\$ (0.02013)	\$ (0.02013)	\$ (0.02013)	\$ 0.01677	\$ 0.01677	\$ 0.01677	\$ 0.01677	\$ 0.01677	\$ 0.01677	\$ 0.01677	\$ 0.01677	\$ 0.01677
Deferral Amortization	\$ (1,684,883)	\$ (1,553,632)	\$ (1,494,884)	\$ 932,842	\$ 611,400	\$ 347,274	\$ 255,233	\$ 227,054	\$ 286,896	\$ 689,281	\$ 1,220,282	\$ 1,458,200
Cumulative Deferral Net of Amortization	\$ 13,844,687	\$ 14,556,603	\$ 11,883,236	\$ 7,145,105	\$ 3,859,581	\$ 3,190,077	\$ 2,555,191	\$ 2,264,664	\$ 2,445,945	\$ 989,188	\$ (4,392,484)	\$ (2,828,948)
Actual Revenue	\$ 101,173,855	\$ 93,180,429	\$ 91,077,064	\$ 71,029,732	\$ 49,519,517	\$ 31,094,836	\$ 24,989,459	\$ 23,061,667	\$ 27,006,717	\$ 54,335,376	\$ 87,748,712	\$ 103,412,712
Monthly Rate Impact	-1.694%	-1.696%	-1.669%	1.296%	1.220%	1.104%	1.011%	0.975%	1.051%	1.253%	1.372%	1.390%
Annual Rate Impact												0.171%
Average Monthly Bill Impact (@ 68 therms)				\$ 1.14								



Natural Gas Decoupling Backcast Summary – Non-Residential Calculations with K-Factor (2007)

Puget Sound Energy Non-Residential Calculation of Deferrals - Natural Gas 2007 - 2011												
	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
Actual Customers	54,636	54,649	54,686	54,811	54,782	54,861	54,911	54,966	55,030	55,175	55,362	55,569
Monthly Allowed Delivery Revenue per Customer	\$ 172.66	\$ 138.40	\$ 140.85	\$ 108.87	\$ 84.51	\$ 66.46	\$ 55.71	\$ 56.90	\$ 66.28	\$ 95.79	\$ 137.75	\$ 175.24
Allowed Total Delivery Revenue	\$ 9,433,718	\$ 7,563,651	\$ 7,702,468	\$ 5,967,403	\$ 4,629,786	\$ 3,646,012	\$ 3,059,008	\$ 3,127,355	\$ 3,647,547	\$ 5,285,194	\$ 7,625,869	\$ 9,737,819
Actual Therms	49,564,724	38,510,250	36,027,031	28,133,150	21,667,887	16,556,158	14,467,999	14,658,492	17,480,764	27,434,993	37,179,212	46,050,847
Delivery Cost Energy Rate	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731
Monthly Actual Delivery Revenue per Customer	\$ 10,275,263	\$ 7,983,560	\$ 7,468,764	\$ 5,832,283	\$ 4,491,970	\$ 3,432,257	\$ 2,999,361	\$ 3,038,852	\$ 3,623,937	\$ 5,687,548	\$ 7,707,622	\$ 9,546,801
Deferral	\$ (841,545)	\$ (419,909)	\$ 233,704	\$ 135,120	\$ 137,817	\$ 213,754	\$ 59,647	\$ 88,503	\$ 23,610	\$ (402,355)	\$ (81,754)	\$ 191,018
Interest on Deferral	\$ (3,983)	\$ (9,952)	\$ (10,833)	\$ (9,088)	\$ (7,796)	\$ (6,133)	\$ (4,839)	\$ (4,138)	\$ (3,607)	\$ (5,399)	\$ (7,690)	\$ (7,173)
Cumulative Deferral	\$ (845,527)	\$ (1,275,389)	\$ (1,052,519)	\$ (926,487)	\$ (796,466)	\$ (588,845)	\$ (534,037)	\$ (449,671)	\$ (429,669)	\$ (837,423)	\$ (926,867)	\$ (743,023)
Deferral Amortization Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deferral Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cumulative Deferral Net of Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Actual Revenue	\$ 52,233,527	\$ 41,031,081	\$ 38,566,776	\$ 30,355,726	\$ 23,723,449	\$ 18,666,311	\$ 16,852,080	\$ 17,120,480	\$ 19,237,292	\$ 26,212,945	\$ 34,480,622	\$ 43,109,684
Monthly Rate Impact	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Annual Rate Impact												



Natural Gas Decoupling Backcast Summary – Non-Residential Calculations with K-Factor (2008)

Puget Sound Energy Non-Residential Calculation of Deferrals - Natural Gas 2007 - 2011												
	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08
Actual Customers	55,790	55,895	56,023	56,099	56,166	56,241	56,315	56,356	56,449	56,571	56,756	56,831
Monthly Allowed Delivery Revenue per Customer	\$ 198.40	\$ 153.84	\$ 142.98	\$ 107.05	\$ 83.35	\$ 62.56	\$ 55.15	\$ 55.87	\$ 64.43	\$ 96.63	\$ 147.95	\$ 183.36
Allowed Total Delivery Revenue	\$ 11,068,642	\$ 8,599,164	\$ 8,009,989	\$ 6,005,225	\$ 4,681,320	\$ 3,518,331	\$ 3,105,672	\$ 3,148,854	\$ 3,637,127	\$ 5,466,510	\$ 8,397,127	\$ 10,420,648
Actual Therms	50,768,816	42,565,833	39,862,048	34,108,436	24,212,992	18,667,898	14,656,434	14,477,663	16,652,141	25,076,413	31,850,362	46,991,877
Delivery Cost Energy Rate	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.20731	\$ 0.22412	\$ 0.22412
Monthly Actual Delivery Revenue per Customer	\$ 10,524,883	\$ 8,824,323	\$ 8,263,801	\$ 7,071,020	\$ 5,019,595	\$ 3,870,042	\$ 3,038,425	\$ 3,001,364	\$ 3,452,155	\$ 5,198,591	\$ 7,138,303	\$ 10,531,819
Deferral	\$ 543,758	\$ (225,159)	\$ (253,812)	\$ (1,065,795)	\$ (338,276)	\$ (351,711)	\$ 67,247	\$ 147,489	\$ 184,971	\$ 267,918	\$ 1,258,824	\$ (111,171)
Interest on Deferral	\$ (3,696)	\$ (2,188)	\$ (4,455)	\$ (10,700)	\$ (17,106)	\$ (19,947)	\$ (20,964)	\$ (19,661)	\$ (17,780)	\$ (15,224)	\$ (7,370)	\$ (1,216)
Cumulative Deferral	\$ (202,961)	\$ (430,308)	\$ (688,575)	\$ (1,765,070)	\$ (2,120,451)	\$ (2,492,110)	\$ (2,445,828)	\$ (2,317,999)	\$ (2,150,807)	\$ (1,898,113)	\$ (646,659)	\$ (759,046)
Deferral Amortization Rate	\$ -	\$ -	\$ -	\$ -	\$ (0.00209)	\$ (0.00209)	\$ (0.00209)	\$ (0.00209)	\$ (0.00209)	\$ (0.00209)	\$ (0.00209)	\$ (0.00209)
Deferral Amortization	\$ -	\$ -	\$ -	\$ -	\$ (50,527)	\$ (38,956)	\$ (30,585)	\$ (30,211)	\$ (34,749)	\$ (52,329)	\$ (66,464)	\$ (98,061)
Cumulative Deferral Net of Amortization	\$ -	\$ -	\$ -	\$ -	\$ (2,069,925)	\$ (2,402,628)	\$ (2,325,761)	\$ (2,167,721)	\$ (1,965,780)	\$ (1,660,757)	\$ (342,839)	\$ (357,165)
Actual Revenue	\$ 46,378,234	\$ 38,936,901	\$ 36,558,690	\$ 31,326,596	\$ 22,544,288	\$ 17,756,821	\$ 14,606,414	\$ 14,532,847	\$ 16,639,738	\$ 26,526,779	\$ 39,782,747	\$ 58,559,658
Monthly Rate Impact	0.000%	0.000%	0.000%	0.000%	-0.225%	-0.220%	-0.210%	-0.208%	-0.209%	-0.198%	-0.167%	-0.168%
Annual Rate Impact												-0.110%



Natural Gas Decoupling Backcast Summary – Non-Residential Calculations with K-Factor (2009)

Puget Sound Energy Non-Residential Calculation of Deferrals - Natural Gas 2007 - 2011												
	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09
Actual Customers	56,912	57,036	57,080	57,057	57,001	56,914	56,711	56,568	56,486	56,522	56,559	56,694
Monthly Allowed Delivery Revenue per Customer	\$ 183.69	\$ 158.55	\$ 149.34	\$ 113.01	\$ 96.88	\$ 71.05	\$ 58.55	\$ 57.84	\$ 66.94	\$ 97.13	\$ 147.58	\$ 168.64
Allowed Total Delivery Revenue	\$ 10,454,146	\$ 9,043,051	\$ 8,524,539	\$ 6,447,756	\$ 5,522,180	\$ 4,043,992	\$ 3,320,402	\$ 3,271,631	\$ 3,781,373	\$ 5,489,996	\$ 8,346,984	\$ 9,560,845
Actual Therms	50,178,549	41,762,369	41,782,759	29,754,886	21,401,213	14,666,851	13,394,756	13,124,331	15,130,455	24,793,439	35,499,638	45,804,780
Delivery Cost Energy Rate	\$ 0.22412	\$ 0.22412	\$ 0.22412	\$ 0.22412	\$ 0.22412	\$ 0.22412	\$ 0.22412	\$ 0.22412	\$ 0.22412	\$ 0.22412	\$ 0.22412	\$ 0.22412
Monthly Actual Delivery Revenue per Customer	\$ 11,246,016	\$ 9,359,782	\$ 9,364,352	\$ 6,668,665	\$ 4,796,440	\$ 3,287,135	\$ 3,002,033	\$ 2,941,425	\$ 3,391,037	\$ 5,556,706	\$ 7,956,179	\$ 10,265,767
Deferral	\$ (791,870)	\$ (316,731)	\$ (839,813)	\$ (220,909)	\$ 725,740	\$ 756,857	\$ 318,369	\$ 330,206	\$ 390,336	\$ (66,710)	\$ 390,806	\$ (704,923)
Interest on Deferral	\$ (4,500)	\$ (8,800)	\$ (13,406)	\$ (17,680)	\$ (14,909)	\$ (7,766)	\$ (2,576)	\$ 606	\$ 4,134	\$ 5,862	\$ 7,699	\$ 6,654
Cumulative Deferral	\$ (1,555,417)	\$ (1,880,947)	\$ (2,734,166)	\$ (2,972,755)	\$ (2,261,923)	\$ (1,512,832)	\$ (1,197,039)	\$ (866,227)	\$ (471,758)	\$ (532,606)	\$ (134,101)	\$ (832,369)
Deferral Amortization Rate	\$ (0.00209)	\$ (0.00209)	\$ (0.00209)	\$ (0.00209)	\$ (0.00112)	\$ (0.00112)	\$ (0.00112)	\$ (0.00112)	\$ (0.00112)	\$ (0.00112)	\$ (0.00112)	\$ (0.00112)
Deferral Amortization	\$ (104,711)	\$ (87,148)	\$ (87,191)	\$ (62,091)	\$ (24,034)	\$ (16,471)	\$ (15,042)	\$ (14,739)	\$ (16,991)	\$ (27,843)	\$ (39,866)	\$ (51,439)
Cumulative Deferral Net of Amortization	\$ (1,048,824)	\$ (1,287,207)	\$ (2,053,234)	\$ (2,229,732)	\$ (1,494,867)	\$ (729,305)	\$ (398,469)	\$ (52,919)	\$ 358,542	\$ 325,537	\$ 763,908	\$ 117,078
Actual Revenue	\$ 61,225,313	\$ 51,003,663	\$ 51,227,288	\$ 37,047,268	\$ 27,249,174	\$ 19,288,651	\$ 17,964,672	\$ 17,698,272	\$ 19,174,204	\$ 25,956,926	\$ 35,239,922	\$ 45,299,903
Monthly Rate Impact	-0.171%	-0.171%	-0.170%	-0.168%	-0.088%	-0.085%	-0.084%	-0.083%	-0.089%	-0.107%	-0.113%	-0.114%
Annual Rate Impact												-0.134%



Natural Gas Decoupling Backcast Summary – Non-Residential Calculations with K-Factor (2010)

Puget Sound Energy Non-Residential Calculation of Deferrals - Natural Gas 2007 - 2011												
	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
Actual Customers	56,799	56,819	56,824	56,747	56,599	56,426	56,332	55,994	55,947	56,006	56,141	56,317
Monthly Allowed Delivery Revenue per Customer	\$ 187.01	\$ 172.84	\$ 140.06	\$ 115.03	\$ 87.39	\$ 60.83	\$ 53.97	\$ 52.88	\$ 61.58	\$ 99.13	\$ 150.86	\$ 170.17
Allowed Total Delivery Revenue	\$ 10,621,697	\$ 9,820,409	\$ 7,958,726	\$ 6,527,470	\$ 4,946,341	\$ 3,432,615	\$ 3,040,351	\$ 2,961,096	\$ 3,445,353	\$ 5,552,055	\$ 8,469,338	\$ 9,583,545
Actual Therms	39,092,738	32,816,492	33,918,555	28,402,821	23,316,281	17,898,869	14,586,574	14,282,026	15,832,501	23,638,886	36,366,160	44,158,700
Delivery Cost Energy Rate	\$ 0.22412	\$ 0.22412	\$ 0.22412	\$ 0.22768	\$ 0.22768	\$ 0.22768	\$ 0.22768	\$ 0.22768	\$ 0.22768	\$ 0.22768	\$ 0.22768	\$ 0.22768
Monthly Actual Delivery Revenue per Customer	\$ 8,761,464	\$ 7,354,832	\$ 7,601,827	\$ 6,466,754	\$ 5,308,651	\$ 4,075,214	\$ 3,321,071	\$ 3,251,732	\$ 3,604,744	\$ 5,382,102	\$ 8,279,847	\$ 10,054,053
Deferral	\$ 1,860,233	\$ 2,465,577	\$ 356,899	\$ 60,716	\$ (362,310)	\$ (642,600)	\$ (280,720)	\$ (290,636)	\$ (159,390)	\$ 169,953	\$ 189,490	\$ (470,508)
Interest on Deferral	\$ 12,519	\$ 33,185	\$ 46,773	\$ 48,174	\$ 46,706	\$ 42,001	\$ 37,686	\$ 35,004	\$ 32,880	\$ 32,873	\$ 34,449	\$ 33,035
Cumulative Deferral	\$ 1,040,383	\$ 3,539,145	\$ 3,942,817	\$ 4,051,707	\$ 3,736,103	\$ 3,135,504	\$ 2,892,470	\$ 2,636,838	\$ 2,510,328	\$ 2,713,154	\$ 2,937,093	\$ 2,499,620
Deferral Amortization Rate	\$ (0.00112)	\$ (0.00112)	\$ (0.00112)	\$ 0.00031	\$ 0.00031	\$ 0.00031	\$ 0.00031	\$ 0.00031	\$ 0.00031	\$ 0.00031	\$ 0.00031	\$ 0.00031
Deferral Amortization	\$ (43,901)	\$ (36,853)	\$ (38,090)	\$ 8,768	\$ 7,198	\$ 5,525	\$ 4,503	\$ 4,409	\$ 4,888	\$ 7,297	\$ 11,226	\$ 13,632
Cumulative Deferral Net of Amortization	\$ 2,033,731	\$ 4,569,346	\$ 5,011,109	\$ 5,111,231	\$ 4,788,428	\$ 4,182,304	\$ 3,934,767	\$ 3,674,726	\$ 3,543,328	\$ 3,738,857	\$ 3,951,569	\$ 3,500,464
Actual Revenue	\$ 38,526,008	\$ 32,368,917	\$ 33,681,080	\$ 28,648,266	\$ 24,100,047	\$ 19,352,494	\$ 16,546,818	\$ 16,229,770	\$ 17,586,699	\$ 25,281,448	\$ 38,038,315	\$ 46,560,121
Monthly Rate Impact	-0.114%	-0.114%	-0.113%	0.031%	0.030%	0.029%	0.027%	0.027%	0.028%	0.029%	0.030%	0.029%
Annual Rate Impact												-0.015%



Natural Gas Decoupling Backcast Summary – Non-Residential Calculations with K-Factor (2011)

Puget Sound Energy Non-Residential Calculation of Deferrals - Natural Gas 2007 - 2011												
	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
Actual Customers	56,441	56,551	56,605	56,527	56,443	56,304	56,181	56,090	56,032	56,098	56,303	56,414
Monthly Allowed Delivery Revenue per Customer	\$ 187.66	\$ 162.30	\$ 143.00	\$ 118.39	\$ 92.41	\$ 72.87	\$ 62.69	\$ 61.38	\$ 67.95	\$ 104.75	\$ 144.04	\$ 205.63
Allowed Total Delivery Revenue	\$ 10,591,557	\$ 9,178,093	\$ 8,094,582	\$ 6,692,083	\$ 5,215,770	\$ 4,102,697	\$ 3,522,098	\$ 3,442,975	\$ 3,807,540	\$ 5,876,395	\$ 8,109,743	\$ 11,600,601
Actual Therms	45,266,010	41,728,557	41,012,846	32,762,369	24,763,634	17,445,077	14,963,059	14,014,237	14,827,767	24,790,879	38,394,263	45,221,084
Delivery Cost Energy Rate	\$ 0.22768	\$ 0.22768	\$ 0.22768	\$ 0.24184	\$ 0.24184	\$ 0.24184	\$ 0.24184	\$ 0.24184	\$ 0.24184	\$ 0.24184	\$ 0.24184	\$ 0.24184
Monthly Actual Delivery Revenue per Customer	\$ 10,306,165	\$ 9,500,758	\$ 9,337,805	\$ 7,923,251	\$ 5,988,837	\$ 4,218,917	\$ 3,618,666	\$ 3,389,203	\$ 3,585,947	\$ 5,995,426	\$ 9,285,268	\$ 10,936,267
Deferral	\$ 285,392	\$ (322,665)	\$ (1,243,223)	\$ (1,231,168)	\$ (773,067)	\$ (116,220)	\$ (96,569)	\$ 53,772	\$ 221,593	\$ (119,031)	\$ (1,175,525)	\$ 664,334
Interest on Deferral	\$ 32,051	\$ 31,755	\$ 24,398	\$ 11,508	\$ (201)	\$ (6,105)	\$ (8,466)	\$ (9,895)	\$ (9,847)	\$ (11,056)	\$ (19,725)	\$ (25,640)
Cumulative Deferral	\$ 2,817,063	\$ 2,526,153	\$ 1,307,328	\$ 87,668	\$ (685,601)	\$ (807,926)	\$ (912,961)	\$ (869,083)	\$ (657,338)	\$ (787,424)	\$ (1,982,674)	\$ (1,343,981)
Deferral Amortization Rate	\$ 0.00031	\$ 0.00031	\$ 0.00031	\$ 0.00919	\$ 0.00919	\$ 0.00919	\$ 0.00919	\$ 0.00919	\$ 0.00919	\$ 0.00919	\$ 0.00919	\$ 0.00919
Deferral Amortization	\$ 13,974	\$ 12,882	\$ 12,661	\$ 301,061	\$ 227,559	\$ 160,307	\$ 137,499	\$ 128,780	\$ 136,256	\$ 227,809	\$ 352,814	\$ 415,547
Cumulative Deferral Net of Amortization	\$ 3,803,934	\$ 3,500,142	\$ 2,268,655	\$ 747,934	\$ (252,893)	\$ (535,526)	\$ (778,059)	\$ (862,962)	\$ (787,473)	\$ (1,145,369)	\$ (2,693,433)	\$ (2,470,287)
Actual Revenue	\$ 46,936,335	\$ 43,129,261	\$ 42,772,739	\$ 34,840,084	\$ 27,048,509	\$ 19,708,557	\$ 17,391,328	\$ 16,486,680	\$ 17,213,733	\$ 26,855,304	\$ 38,996,157	\$ 45,827,766
Monthly Rate Impact	0.030%	0.030%	0.030%	0.857%	0.834%	0.807%	0.784%	0.775%	0.785%	0.841%	0.897%	0.899%
Annual Rate Impact												0.561%



Electric Decoupling Backcast Summary – Residential Calculations with K-Factor (2007)

Puget Sound Energy Residential Calculation of Deferrals - Electric 2007 - 2011												
	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
Actual Customers	919,297	920,720	921,793	923,397	924,329	925,329	926,077	927,518	928,832	930,641	931,809	933,214
Monthly Allowed Delivery Revenue per Customer	\$ 26.75	\$ 21.57	\$ 22.50	\$ 18.59	\$ 16.99	\$ 14.78	\$ 14.81	\$ 15.21	\$ 15.65	\$ 18.91	\$ 23.69	\$ 26.94
Allowed Total Delivery Revenue	\$ 24,595,055	\$ 19,856,527	\$ 20,741,567	\$ 17,168,118	\$ 15,705,139	\$ 13,675,356	\$ 13,711,568	\$ 14,111,215	\$ 14,536,744	\$ 17,602,439	\$ 22,076,933	\$ 25,144,631
Actual kWh	1,281,209,316	1,024,984,424	1,004,652,654	848,246,282	751,414,415	673,859,760	684,608,367	675,858,990	708,837,201	891,876,431	1,069,676,137	1,251,605,436
Delivery Cost Energy Rate	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426
Monthly Actual Delivery Revenue per Customer	\$ 26,169,981	\$ 20,936,332	\$ 20,521,035	\$ 17,326,279	\$ 15,348,391	\$ 13,764,259	\$ 13,983,811	\$ 13,805,096	\$ 14,478,709	\$ 18,217,468	\$ 21,849,205	\$ 25,565,293
Deferral	\$ (1,574,926)	\$ (1,079,805)	\$ 220,532	\$ (158,161)	\$ 356,748	\$ (88,903)	\$ (272,242)	\$ 306,119	\$ 58,035	\$ (615,029)	\$ 227,728	\$ (420,662)
Interest on Deferral	\$ (7,464)	\$ (20,044)	\$ (24,117)	\$ (23,821)	\$ (22,880)	\$ (21,611)	\$ (23,322)	\$ (23,161)	\$ (21,436)	\$ (24,075)	\$ (25,911)	\$ (26,825)
Cumulative Deferral	\$ (1,582,390)	\$ (2,682,239)	\$ (2,485,824)	\$ (2,667,805)	\$ (2,333,937)	\$ (2,444,450)	\$ (2,740,015)	\$ (2,457,057)	\$ (2,420,458)	\$ (3,059,562)	\$ (2,857,744)	\$ (3,305,231)
Deferral Amortization Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deferral Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cumulative Deferral Net of Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Actual Revenue	\$ 105,550,868	\$ 83,550,612	\$ 81,678,674	\$ 68,941,294	\$ 61,691,773	\$ 59,900,786	\$ 62,993,682	\$ 62,609,811	\$ 67,158,728	\$ 84,996,894	\$ 102,422,643	\$ 123,022,727
Monthly Rate Impact	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Annual Rate Impact												0.000%
Average Monthly Bill Impact (@ 1000 kWh)												



Electric Decoupling Backcast Summary – Residential Calculations with K-Factor (2008)

Puget Sound Energy Residential Calculation of Deferrals - Electric 2007 - 2011												
	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08
Actual Customers	934,919	936,189	937,026	937,793	938,335	939,123	939,980	940,493	941,027	941,811	942,821	943,759
Monthly Allowed Delivery Revenue per Customer	\$ 28.71	\$ 23.83	\$ 23.05	\$ 18.97	\$ 16.93	\$ 15.17	\$ 14.84	\$ 15.26	\$ 15.91	\$ 19.25	\$ 26.82	\$ 31.35
Allowed Total Delivery Revenue	\$ 26,843,710	\$ 22,311,636	\$ 21,599,243	\$ 17,792,803	\$ 15,885,859	\$ 14,248,523	\$ 13,948,696	\$ 14,351,930	\$ 14,968,311	\$ 18,130,272	\$ 25,284,119	\$ 29,590,030
Actual kWh	1,301,834,630	1,094,188,712	1,073,858,281	939,720,122	797,063,842	706,145,004	683,337,899	688,795,358	692,624,626	858,674,600	980,872,094	1,286,091,726
Delivery Cost Energy Rate	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.020426	\$ 0.023425	\$ 0.023425
Monthly Actual Delivery Revenue per Customer	\$ 26,591,274	\$ 22,349,899	\$ 21,934,629	\$ 19,194,723	\$ 16,280,826	\$ 14,423,718	\$ 13,957,860	\$ 14,069,334	\$ 14,147,551	\$ 17,539,287	\$ 22,976,929	\$ 30,126,699
Deferral	\$ 252,436	\$ (38,262)	\$ (335,386)	\$ (1,401,921)	\$ (394,967)	\$ (175,194)	\$ (9,164)	\$ 282,596	\$ 820,760	\$ 590,985	\$ 2,307,190	\$ (536,668)
Interest on Deferral	\$ (27,622)	\$ (26,607)	\$ (28,378)	\$ (36,611)	\$ (43,998)	\$ (44,572)	\$ (43,479)	\$ (40,240)	\$ (33,056)	\$ (24,169)	\$ (7,756)	\$ 3,734
Cumulative Deferral	\$ (3,080,418)	\$ (3,145,287)	\$ (3,509,052)	\$ (4,947,584)	\$ (5,386,548)	\$ (5,606,315)	\$ (5,658,957)	\$ (5,416,602)	\$ (4,628,897)	\$ (4,062,081)	\$ (1,762,647)	\$ (2,295,580)
Deferral Amortization Rate	\$ -	\$ -	\$ -	\$ -	\$ (0.00030)	\$ (0.00030)	\$ (0.00030)	\$ (0.00030)	\$ (0.00030)	\$ (0.00030)	\$ (0.00030)	\$ (0.00030)
Deferral Amortization	\$ -	\$ -	\$ -	\$ -	\$ (238,120)	\$ (210,958)	\$ (204,144)	\$ (205,775)	\$ (206,919)	\$ (256,526)	\$ (293,032)	\$ (384,215)
Cumulative Deferral Net of Amortization	\$ -	\$ -	\$ -	\$ -	\$ (5,148,429)	\$ (5,157,237)	\$ (5,005,735)	\$ (4,557,605)	\$ (3,562,981)	\$ (2,739,640)	\$ (147,174)	\$ (295,893)
Actual Revenue	\$ 124,948,445	\$ 104,956,755	\$ 101,873,966	\$ 78,740,512	\$ 69,954,416	\$ 68,167,342	\$ 66,291,342	\$ 66,823,972	\$ 67,124,936	\$ 83,052,659	\$ 94,199,128	\$ 126,261,513
Monthly Rate Impact	0.000%	0.000%	0.000%	0.000%	-0.342%	-0.310%	-0.309%	-0.309%	-0.309%	-0.310%	-0.312%	-0.305%
Annual Rate Impact												-0.190%
Average Monthly Bill Impact (@ 1000 kWh)					\$ (0.30)							



Electric Decoupling Backcast Summary – Residential Calculations with K-Factor (2009)

Puget Sound Energy Residential Calculation of Deferrals - Electric 2007 - 2011												
	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09
Actual Customers	944,822	945,821	946,259	947,124	947,006	947,342	946,949	947,201	947,736	948,492	948,947	949,889
Monthly Allowed Delivery Revenue per Customer	\$ 30.42	\$ 25.96	\$ 25.75	\$ 21.45	\$ 20.19	\$ 17.96	\$ 17.44	\$ 17.22	\$ 17.59	\$ 21.48	\$ 26.81	\$ 30.62
Allowed Total Delivery Revenue	\$ 28,742,945	\$ 24,549,773	\$ 24,361,470	\$ 20,314,682	\$ 19,115,473	\$ 17,018,314	\$ 16,513,941	\$ 16,314,515	\$ 16,669,105	\$ 20,376,477	\$ 25,437,508	\$ 29,086,914
Actual kWh	1,299,122,448	1,078,721,236	1,112,323,329	879,915,440	757,156,970	659,740,289	706,054,108	695,170,388	687,840,951	864,716,171	1,054,706,660	1,264,585,533
Delivery Cost Energy Rate	\$ 0.023425	\$ 0.023425	\$ 0.023425	\$ 0.023425	\$ 0.023425	\$ 0.023425	\$ 0.023425	\$ 0.023425	\$ 0.023425	\$ 0.023425	\$ 0.023425	\$ 0.023425
Monthly Actual Delivery Revenue per Customer	\$ 30,431,943	\$ 25,269,045	\$ 26,056,174	\$ 20,612,019	\$ 17,736,402	\$ 15,454,416	\$ 16,539,317	\$ 16,284,366	\$ 16,112,674	\$ 20,255,976	\$ 24,706,504	\$ 29,622,916
Deferral	\$ (1,688,998)	\$ (719,272)	\$ (1,694,704)	\$ (297,338)	\$ 1,379,071	\$ 1,563,898	\$ (25,377)	\$ 30,149	\$ 556,431	\$ 120,501	\$ 731,005	\$ (536,002)
Interest on Deferral	\$ (3,088)	\$ (11,058)	\$ (19,317)	\$ (25,874)	\$ (19,464)	\$ (5,463)	\$ 1,937	\$ 2,143	\$ 5,078	\$ 8,458	\$ 12,706	\$ 13,925
Cumulative Deferral	\$ (3,987,666)	\$ (4,717,997)	\$ (6,432,018)	\$ (6,755,230)	\$ (5,395,622)	\$ (3,837,188)	\$ (3,860,627)	\$ (3,828,336)	\$ (3,266,827)	\$ (3,137,868)	\$ (2,394,156)	\$ (2,916,233)
Deferral Amortization Rate	\$ (0.00030)	\$ (0.00030)	\$ (0.00030)	\$ (0.00030)	\$ (0.00003)	\$ (0.00003)	\$ (0.00003)	\$ (0.00003)	\$ (0.00003)	\$ (0.00003)	\$ (0.00003)	\$ (0.00003)
Deferral Amortization	\$ (388,108)	\$ (322,264)	\$ (332,302)	\$ (262,871)	\$ (21,100)	\$ (18,385)	\$ (19,676)	\$ (19,373)	\$ (19,169)	\$ (24,098)	\$ (29,392)	\$ (35,241)
Cumulative Deferral Net of Amortization	\$ (1,599,872)	\$ (2,007,938)	\$ (3,389,658)	\$ (3,449,998)	\$ (2,069,291)	\$ (492,471)	\$ (496,234)	\$ (444,569)	\$ 136,108	\$ 289,165	\$ 1,062,268	\$ 575,433
Actual Revenue	\$ 124,442,408	\$ 102,946,802	\$ 105,808,075	\$ 83,429,315	\$ 71,817,341	\$ 62,786,593	\$ 67,215,092	\$ 66,169,552	\$ 65,603,149	\$ 83,450,212	\$ 102,139,295	\$ 125,002,825
Monthly Rate Impact	-0.313%	-0.314%	-0.315%	-0.316%	-0.029%	-0.029%	-0.029%	-0.029%	-0.029%	-0.029%	-0.029%	-0.028%
Annual Rate Impact												-0.141%
Average Monthly Bill Impact (@ 1000 kWh)					\$ (0.03)							



Electric Decoupling Backcast Summary – Residential Calculations with K-Factor (2010)

Puget Sound Energy Residential Calculation of Deferrals - Electric 2007 - 2011												
	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
Actual Customers	950,657	951,359	951,944	952,203	952,547	952,676	952,676	952,894	953,321	953,912	954,544	954,898
Monthly Allowed Delivery Revenue per Customer	\$ 31.46	\$ 27.92	\$ 25.53	\$ 21.89	\$ 19.28	\$ 16.65	\$ 17.34	\$ 17.68	\$ 17.54	\$ 21.85	\$ 27.69	\$ 30.62
Allowed Total Delivery Revenue	\$ 29,911,464	\$ 26,563,907	\$ 24,300,609	\$ 20,841,480	\$ 18,367,443	\$ 15,858,811	\$ 16,523,428	\$ 16,842,855	\$ 16,725,588	\$ 20,838,551	\$ 26,427,730	\$ 29,236,377
Actual kWh	1,128,394,607	943,659,840	991,019,921	864,727,817	784,561,739	694,826,463	692,462,960	693,023,437	685,401,966	837,052,690	1,066,357,181	1,250,684,796
Delivery Cost Energy Rate	\$ 0.023425	\$ 0.023425	\$ 0.023425	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685
Monthly Actual Delivery Revenue per Customer	\$ 26,432,644	\$ 22,105,232	\$ 23,214,642	\$ 20,481,078	\$ 18,582,345	\$ 16,456,965	\$ 16,400,985	\$ 16,414,260	\$ 16,233,746	\$ 19,825,593	\$ 25,256,670	\$ 29,622,469
Deferral	\$ 3,478,820	\$ 4,458,675	\$ 1,085,967	\$ 360,402	\$ (214,902)	\$ (598,153)	\$ 122,443	\$ 428,595	\$ 491,843	\$ 1,012,958	\$ 1,171,060	\$ (386,093)
Interest on Deferral	\$ 28,052	\$ 65,583	\$ 91,864	\$ 97,190	\$ 97,494	\$ 93,401	\$ 90,889	\$ 93,129	\$ 97,080	\$ 103,703	\$ 113,384	\$ 116,498
Cumulative Deferral	\$ 590,639	\$ 5,114,898	\$ 6,292,730	\$ 6,750,321	\$ 6,632,914	\$ 6,128,161	\$ 6,341,493	\$ 6,863,216	\$ 7,452,139	\$ 8,568,799	\$ 9,853,243	\$ 9,583,647
Deferral Amortization Rate	\$ (0.00003)	\$ (0.00003)	\$ (0.00003)	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005
Deferral Amortization	\$ (31,446)	\$ (26,298)	\$ (27,617)	\$ 41,823	\$ 37,946	\$ 33,606	\$ 33,492	\$ 33,519	\$ 33,150	\$ 40,485	\$ 51,576	\$ 60,491
Cumulative Deferral Net of Amortization	\$ 4,113,751	\$ 8,664,308	\$ 9,869,756	\$ 10,285,525	\$ 10,130,171	\$ 9,591,812	\$ 9,771,652	\$ 10,259,857	\$ 10,815,629	\$ 11,891,805	\$ 13,124,673	\$ 12,794,587
Actual Revenue	\$ 109,364,600	\$ 91,449,712	\$ 96,551,809	\$ 87,400,451	\$ 80,539,153	\$ 71,675,953	\$ 72,412,834	\$ 72,644,400	\$ 71,742,261	\$ 87,207,605	\$ 109,841,376	\$ 128,590,471
Monthly Rate Impact	-0.029%	-0.029%	-0.029%	0.048%	0.047%	0.047%	0.046%	0.046%	0.046%	0.046%	0.047%	0.047%
Annual Rate Impact												0.026%
Average Monthly Bill Impact (@ 1000 kWh)				\$ 0.05								



Electric Decoupling Backcast Summary – Residential Calculations with K-Factor (2011)

Puget Sound Energy Residential Calculation of Deferrals - Electric 2007 - 2011												
	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
Actual Customers	955,777	956,108	956,297	956,419	956,377	956,639	956,607	956,782	957,138	957,877	958,727	959,547
Monthly Allowed Delivery Revenue per Customer	\$ 31.56	\$ 26.86	\$ 25.95	\$ 21.89	\$ 19.59	\$ 17.85	\$ 17.65	\$ 16.65	\$ 17.54	\$ 21.70	\$ 26.04	\$ 33.26
Allowed Total Delivery Revenue	\$ 30,161,803	\$ 25,680,849	\$ 24,818,816	\$ 20,933,758	\$ 18,738,484	\$ 17,078,242	\$ 16,881,306	\$ 15,926,942	\$ 16,789,651	\$ 20,783,972	\$ 24,964,501	\$ 31,913,383
Actual kWh	1,218,646,867	1,085,637,320	1,094,855,438	929,205,619	804,046,679	676,744,744	667,360,813	672,283,959	678,716,743	857,615,625	1,085,839,461	1,251,377,918
Delivery Cost Energy Rate	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685	\$ 0.023685
Monthly Actual Delivery Revenue per Customer	\$ 28,863,651	\$ 25,713,320	\$ 25,931,651	\$ 22,008,235	\$ 19,043,846	\$ 16,028,699	\$ 15,806,441	\$ 15,923,046	\$ 16,075,406	\$ 20,312,626	\$ 25,718,108	\$ 29,638,886
Deferral	\$ 1,298,152	\$ (32,471)	\$ (1,112,835)	\$ (1,074,477)	\$ (305,362)	\$ 1,049,543	\$ 1,074,865	\$ 3,897	\$ 714,245	\$ 471,346	\$ (753,607)	\$ 2,274,497
Interest on Deferral	\$ 120,166	\$ 125,507	\$ 119,719	\$ 109,144	\$ 98,191	\$ 93,606	\$ 96,150	\$ 93,879	\$ 89,878	\$ 87,035	\$ 75,191	\$ 69,558
Cumulative Deferral	\$ 11,001,965	\$ 11,095,001	\$ 10,101,885	\$ 9,136,552	\$ 8,929,381	\$ 10,072,530	\$ 11,243,546	\$ 11,341,321	\$ 12,145,444	\$ 12,703,825	\$ 12,025,410	\$ 14,369,464
Deferral Amortization Rate	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00005	\$ 0.00117	\$ 0.00117	\$ 0.00117	\$ 0.00117	\$ 0.00117	\$ 0.00117	\$ 0.00117	\$ 0.00117
Deferral Amortization	\$ 58,941	\$ 52,508	\$ 52,954	\$ 44,942	\$ 942,010	\$ 792,865	\$ 781,871	\$ 787,638	\$ 795,175	\$ 1,004,770	\$ 1,272,154	\$ 1,466,097
Cumulative Deferral Net of Amortization	\$ 14,153,963	\$ 14,194,491	\$ 13,148,421	\$ 12,138,146	\$ 10,988,965	\$ 11,339,250	\$ 11,728,395	\$ 11,038,532	\$ 11,047,480	\$ 10,601,090	\$ 8,650,521	\$ 9,528,479
Actual Revenue	\$ 124,917,088	\$ 111,222,937	\$ 112,092,138	\$ 95,337,224	\$ 83,856,119	\$ 71,039,380	\$ 70,192,318	\$ 70,742,908	\$ 71,250,535	\$ 89,403,462	\$ 113,118,453	\$ 129,969,292
Monthly Rate Impact	0.047%	0.047%	0.047%	0.047%	1.111%	1.104%	1.102%	1.101%	1.104%	1.111%	1.112%	1.115%
Annual Rate Impact												0.699%
Average Monthly Bill Impact (@ 1000 kWh)					\$ 1.17							



Electric Decoupling Backcast Summary – Non-Residential Calculations with K-Factor (2007)

Puget Sound Energy Non-Residential Calculation of Deferrals - Electric 2007 - 2011												
	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07
Actual Customers	117,967	118,010	118,355	118,573	118,965	119,264	119,428	119,617	119,655	119,791	119,985	119,996
Monthly Allowed Delivery Revenue per Customer	\$ 128.79	\$ 113.89	\$ 122.88	\$ 115.49	\$ 123.13	\$ 121.34	\$ 130.78	\$ 129.73	\$ 121.50	\$ 127.11	\$ 127.39	\$ 130.13
Allowed Total Delivery Revenue	\$ 15,193,532	\$ 13,440,507	\$ 14,543,544	\$ 13,694,492	\$ 14,647,794	\$ 14,471,628	\$ 15,618,706	\$ 15,517,633	\$ 14,538,669	\$ 15,226,323	\$ 15,284,569	\$ 15,615,305
Actual kWh	949,504,825	838,608,015	899,202,015	842,402,856	861,942,975	844,087,458	898,213,624	889,442,302	851,233,370	884,649,421	894,077,618	943,183,921
Delivery Cost Energy Rate	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650
Monthly Actual Delivery Revenue per Customer	\$ 15,809,255	\$ 13,962,823	\$ 14,971,714	\$ 14,026,008	\$ 14,351,351	\$ 14,054,056	\$ 14,955,257	\$ 14,809,214	\$ 14,173,036	\$ 14,729,413	\$ 14,886,392	\$ 15,704,012
Deferral	\$ (615,724)	\$ (522,316)	\$ (428,170)	\$ (331,516)	\$ 296,444	\$ 417,572	\$ 663,449	\$ 708,418	\$ 365,634	\$ 496,910	\$ 398,176	\$ (88,707)
Interest on Deferral	\$ (2,918)	\$ (8,311)	\$ (12,815)	\$ (16,416)	\$ (16,582)	\$ (13,198)	\$ (8,075)	\$ (1,574)	\$ 3,516	\$ 7,604	\$ 11,846	\$ 13,312
Cumulative Deferral	\$ (618,641)	\$ (1,149,269)	\$ (1,590,254)	\$ (1,938,186)	\$ (1,658,324)	\$ (1,253,950)	\$ (598,576)	\$ 108,268	\$ 477,418	\$ 981,932	\$ 1,391,954	\$ 1,316,559
Deferral Amortization Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deferral Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cumulative Deferral Net of Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Actual Revenue	\$ 77,765,364	\$ 68,262,783	\$ 73,187,375	\$ 65,757,618	\$ 66,108,499	\$ 65,190,756	\$ 69,527,176	\$ 69,361,395	\$ 68,849,527	\$ 75,411,321	\$ 76,087,834	\$ 81,283,136
Monthly Rate Impact	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Annual Rate Impact												0.000%



Electric Decoupling Backcast Summary – Non-Residential Calculations with K-Factor (2008)

Puget Sound Energy Non-Residential Calculation of Deferrals - Electric 2007 - 2011												
	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08
Actual Customers	120,136	120,220	120,513	120,545	120,847	121,083	121,379	121,610	121,920	122,007	122,315	122,308
Monthly Allowed Delivery Revenue per Customer	\$ 131.59	\$ 119.05	\$ 129.89	\$ 120.20	\$ 122.96	\$ 120.82	\$ 129.23	\$ 127.49	\$ 121.40	\$ 126.40	\$ 153.50	\$ 162.20
Allowed Total Delivery Revenue	\$ 15,809,157	\$ 14,312,216	\$ 15,654,028	\$ 14,490,056	\$ 14,859,534	\$ 14,629,145	\$ 15,685,212	\$ 15,504,315	\$ 14,800,643	\$ 15,421,299	\$ 18,775,780	\$ 19,838,912
Actual kWh	976,311,404	896,489,167	927,963,637	878,854,724	879,833,899	846,362,785	897,164,471	900,479,230	855,948,555	886,801,332	875,127,252	948,276,589
Delivery Cost Energy Rate	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.016650	\$ 0.020413	\$ 0.020413
Monthly Actual Delivery Revenue per Customer	\$ 16,255,585	\$ 14,926,545	\$ 15,450,595	\$ 14,632,931	\$ 14,649,234	\$ 14,091,940	\$ 14,937,788	\$ 14,992,979	\$ 14,251,543	\$ 14,765,242	\$ 17,863,973	\$ 19,357,170
Deferral	\$ (446,427)	\$ (614,329)	\$ 203,433	\$ (142,875)	\$ 210,300	\$ 537,204	\$ 747,424	\$ 511,336	\$ 549,100	\$ 656,057	\$ 911,807	\$ 481,742
Interest on Deferral	\$ 10,776	\$ 5,749	\$ 3,802	\$ 4,089	\$ 3,895	\$ 6,429	\$ 11,499	\$ 16,415	\$ 20,415	\$ 25,109	\$ 31,212	\$ 36,700
Cumulative Deferral	\$ 880,908	\$ 272,328	\$ 479,563	\$ 340,777	\$ 554,972	\$ 1,098,606	\$ 1,857,529	\$ 2,385,280	\$ 2,954,795	\$ 3,635,961	\$ 4,578,980	\$ 5,097,422
Deferral Amortization Rate	\$ -	\$ -	\$ -	\$ -	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012
Deferral Amortization	\$ -	\$ -	\$ -	\$ -	\$ 108,388	\$ 104,265	\$ 110,523	\$ 110,932	\$ 105,446	\$ 109,247	\$ 107,808	\$ 116,820
Cumulative Deferral Net of Amortization	\$ -	\$ -	\$ -	\$ -	\$ 446,584	\$ 885,953	\$ 1,534,353	\$ 1,951,173	\$ 2,415,242	\$ 2,987,161	\$ 3,822,372	\$ 4,223,994
Actual Revenue	\$ 83,328,665	\$ 76,191,996	\$ 78,909,212	\$ 71,655,864	\$ 71,442,465	\$ 69,235,655	\$ 72,837,326	\$ 73,491,532	\$ 70,868,656	\$ 77,353,735	\$ 79,162,712	\$ 86,885,725
Monthly Rate Impact	0.000%	0.000%	0.000%	0.000%	0.151%	0.150%	0.152%	0.151%	0.149%	0.141%	0.136%	0.134%
Annual Rate Impact												0.096%



Electric Decoupling Backcast Summary – Non-Residential Calculations with K-Factor (2009)

Puget Sound Energy Non-Residential Calculation of Deferrals - Electric 2007 - 2011												
	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09
Actual Customers	122,165	122,124	122,095	122,197	122,261	122,314	122,368	122,313	122,268	122,191	122,020	122,196
Monthly Allowed Delivery Revenue per Customer	\$ 162.23	\$ 146.09	\$ 154.58	\$ 144.86	\$ 150.20	\$ 143.98	\$ 153.80	\$ 153.89	\$ 146.33	\$ 151.53	\$ 152.05	\$ 159.68
Allowed Total Delivery Revenue	\$ 19,819,078	\$ 17,840,774	\$ 18,872,849	\$ 17,701,882	\$ 18,363,090	\$ 17,610,503	\$ 18,820,090	\$ 18,822,700	\$ 17,891,139	\$ 18,515,216	\$ 18,553,485	\$ 19,512,743
Actual kWh	969,709,188	858,051,626	925,719,063	843,609,241	855,525,396	839,098,523	897,570,611	890,869,754	837,277,202	867,925,195	876,402,523	935,166,651
Delivery Cost Energy Rate	\$ 0.020413	\$ 0.020413	\$ 0.020413	\$ 0.020413	\$ 0.020413	\$ 0.020413	\$ 0.020413	\$ 0.020413	\$ 0.020413	\$ 0.020413	\$ 0.020413	\$ 0.020413
Monthly Actual Delivery Revenue per Customer	\$ 19,794,674	\$ 17,515,408	\$ 18,896,703	\$ 17,220,595	\$ 17,463,840	\$ 17,128,518	\$ 18,322,109	\$ 18,185,324	\$ 17,091,340	\$ 17,716,957	\$ 17,890,005	\$ 19,089,557
Deferral	\$ 24,405	\$ 325,367	\$ (23,855)	\$ 481,287	\$ 899,250	\$ 481,985	\$ 497,981	\$ 637,376	\$ 799,800	\$ 798,259	\$ 663,481	\$ 423,187
Interest on Deferral	\$ 37,966	\$ 38,551	\$ 38,935	\$ 40,059	\$ 44,423	\$ 47,682	\$ 48,976	\$ 50,902	\$ 54,359	\$ 58,614	\$ 62,156	\$ 63,809
Cumulative Deferral	\$ 5,159,793	\$ 5,523,711	\$ 5,538,791	\$ 6,060,137	\$ 7,003,811	\$ 7,533,477	\$ 8,080,434	\$ 8,768,711	\$ 9,622,869	\$ 10,479,743	\$ 11,205,379	\$ 11,692,375
Deferral Amortization Rate	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00012	\$ 0.00041	\$ 0.00041	\$ 0.00041	\$ 0.00041	\$ 0.00041	\$ 0.00041	\$ 0.00041	\$ 0.00041
Deferral Amortization	\$ 119,460	\$ 105,705	\$ 114,041	\$ 103,926	\$ 346,903	\$ 340,242	\$ 363,952	\$ 361,235	\$ 339,504	\$ 351,931	\$ 355,369	\$ 379,197
Cumulative Deferral Net of Amortization	\$ 4,166,905	\$ 4,425,118	\$ 4,326,157	\$ 4,743,578	\$ 5,340,348	\$ 5,529,772	\$ 5,712,777	\$ 6,039,820	\$ 6,554,474	\$ 7,059,416	\$ 7,429,684	\$ 7,537,483
Actual Revenue	\$ 87,842,807	\$ 77,682,406	\$ 83,642,974	\$ 72,831,195	\$ 72,940,030	\$ 71,596,328	\$ 76,356,930	\$ 75,729,356	\$ 72,108,010	\$ 78,724,822	\$ 79,520,284	\$ 85,219,589
Monthly Rate Impact	0.136%	0.136%	0.136%	0.142%	0.473%	0.473%	0.474%	0.475%	0.469%	0.445%	0.445%	0.443%
Annual Rate Impact												0.350%



Electric Decoupling Backcast Summary – Non-Residential Calculations with K-Factor (2010)

Puget Sound Energy Non-Residential Calculation of Deferrals - Electric 2007 - 2011												
	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
Actual Customers	122,230	122,220	122,295	122,367	122,288	122,294	122,394	122,420	122,414	122,422	122,374	122,449
Monthly Allowed Delivery Revenue per Customer	\$ 164.16	\$ 153.57	\$ 157.01	\$ 140.53	\$ 142.78	\$ 139.20	\$ 146.72	\$ 148.95	\$ 139.57	\$ 145.05	\$ 148.21	\$ 154.22
Allowed Total Delivery Revenue	\$ 20,065,457	\$ 18,769,009	\$ 19,201,364	\$ 17,196,122	\$ 17,460,205	\$ 17,023,727	\$ 17,958,016	\$ 18,233,896	\$ 17,085,572	\$ 17,757,047	\$ 18,136,448	\$ 18,884,227
Actual kWh	906,358,541	808,494,314	875,838,664	826,596,397	836,547,770	804,163,467	863,518,883	870,680,136	821,148,631	858,813,817	874,879,480	926,681,387
Delivery Cost Energy Rate	\$ 0.020413	\$ 0.020413	\$ 0.020413	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148
Monthly Actual Delivery Revenue per Customer	\$ 18,501,497	\$ 16,503,794	\$ 17,878,495	\$ 16,654,264	\$ 16,854,764	\$ 16,202,286	\$ 17,398,178	\$ 17,542,463	\$ 16,544,503	\$ 17,303,381	\$ 17,627,072	\$ 18,670,777
Deferral	\$ 1,563,960	\$ 2,265,214	\$ 1,322,869	\$ 541,857	\$ 605,441	\$ 821,441	\$ 559,837	\$ 691,433	\$ 541,069	\$ 453,667	\$ 509,376	\$ 213,451
Interest on Deferral	\$ 69,631	\$ 84,342	\$ 97,979	\$ 101,006	\$ 101,142	\$ 102,642	\$ 103,847	\$ 104,243	\$ 104,684	\$ 104,062	\$ 103,126	\$ 100,868
Cumulative Deferral	\$ 13,325,966	\$ 15,675,523	\$ 17,096,371	\$ 17,739,235	\$ 18,445,818	\$ 19,369,901	\$ 20,033,586	\$ 20,829,262	\$ 21,475,016	\$ 22,032,744	\$ 22,645,247	\$ 22,959,565
Deferral Amortization Rate	\$ 0.00041	\$ 0.00041	\$ 0.00041	\$ 0.00067	\$ 0.00067	\$ 0.00067	\$ 0.00067	\$ 0.00067	\$ 0.00067	\$ 0.00067	\$ 0.00067	\$ 0.00067
Deferral Amortization	\$ 367,515	\$ 327,833	\$ 355,140	\$ 555,593	\$ 562,282	\$ 540,515	\$ 580,411	\$ 585,224	\$ 551,932	\$ 577,248	\$ 588,047	\$ 622,865
Cumulative Deferral Net of Amortization	\$ 8,803,559	\$ 10,825,283	\$ 11,890,991	\$ 11,978,262	\$ 12,122,563	\$ 12,506,131	\$ 12,589,404	\$ 12,799,856	\$ 12,893,678	\$ 12,874,159	\$ 12,898,615	\$ 12,590,068
Actual Revenue	\$ 81,871,818	\$ 73,139,138	\$ 79,754,118	\$ 74,115,595	\$ 75,174,398	\$ 72,549,789	\$ 78,530,477	\$ 79,216,232	\$ 75,759,978	\$ 82,684,492	\$ 82,760,623	\$ 86,776,603
Monthly Rate Impact	0.447%	0.446%	0.443%	0.744%	0.742%	0.740%	0.734%	0.733%	0.723%	0.693%	0.706%	0.713%
Annual Rate Impact												0.655%



Electric Decoupling Backcast Summary – Non-Residential Calculations with K-Factor (2011)

Puget Sound Energy Non-Residential Calculation of Deferrals - Electric 2007 - 2011												
	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
Actual Customers	122,498	122,679	122,736	122,831	122,880	122,933	123,054	123,118	123,270	123,245	123,329	123,326
Monthly Allowed Delivery Revenue per Customer	\$ 159.67	\$ 142.36	\$ 151.32	\$ 140.53	\$ 142.13	\$ 137.56	\$ 148.21	\$ 153.42	\$ 139.71	\$ 146.06	\$ 146.26	\$ 159.32
Allowed Total Delivery Revenue	\$ 19,558,885	\$ 17,465,052	\$ 18,572,768	\$ 17,261,327	\$ 17,464,890	\$ 16,910,908	\$ 18,238,174	\$ 18,888,669	\$ 17,222,215	\$ 18,001,593	\$ 18,038,004	\$ 19,647,955
Actual kWh	933,014,000	846,948,016	909,632,977	841,432,258	837,059,373	801,253,293	843,269,835	868,384,076	837,227,359	861,572,220	879,672,354	926,174,509
Delivery Cost Energy Rate	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148	\$ 0.020148
Monthly Actual Delivery Revenue per Customer	\$ 18,798,366	\$ 17,064,309	\$ 18,327,285	\$ 16,953,177	\$ 16,865,072	\$ 16,143,651	\$ 16,990,201	\$ 17,496,202	\$ 16,868,457	\$ 17,358,957	\$ 17,723,639	\$ 18,660,564
Deferral	\$ 760,519	\$ 400,743	\$ 245,483	\$ 308,150	\$ 599,817	\$ 767,256	\$ 1,247,973	\$ 1,392,466	\$ 353,758	\$ 642,636	\$ 314,365	\$ 987,391
Interest on Deferral	\$ 99,590	\$ 99,428	\$ 96,954	\$ 94,070	\$ 90,946	\$ 88,058	\$ 88,134	\$ 90,726	\$ 89,213	\$ 84,269	\$ 78,904	\$ 74,771
Cumulative Deferral	\$ 23,819,675	\$ 24,319,845	\$ 24,662,283	\$ 25,064,502	\$ 25,755,266	\$ 26,610,580	\$ 27,946,687	\$ 29,429,879	\$ 29,872,850	\$ 30,599,756	\$ 30,993,025	\$ 32,055,187
Deferral Amortization Rate	\$ 0.00067	\$ 0.00067	\$ 0.00067	\$ 0.00067	\$ 0.00122	\$ 0.00122	\$ 0.00122	\$ 0.00122	\$ 0.00122	\$ 0.00122	\$ 0.00122	\$ 0.00122
Deferral Amortization	\$ 627,122	\$ 569,273	\$ 611,406	\$ 565,565	\$ 1,017,378	\$ 973,859	\$ 1,024,926	\$ 1,055,451	\$ 1,017,582	\$ 1,047,171	\$ 1,069,171	\$ 1,125,690
Cumulative Deferral Net of Amortization	\$ 12,823,056	\$ 12,753,954	\$ 12,484,985	\$ 12,321,640	\$ 11,995,025	\$ 11,876,481	\$ 12,187,661	\$ 12,615,403	\$ 12,040,792	\$ 11,720,526	\$ 11,044,625	\$ 10,981,097
Actual Revenue	\$ 87,169,837	\$ 78,943,712	\$ 84,530,412	\$ 75,419,687	\$ 75,907,140	\$ 72,922,345	\$ 76,350,627	\$ 78,538,780	\$ 76,943,996	\$ 82,478,739	\$ 84,475,182	\$ 88,778,008
Monthly Rate Impact	0.714%	0.716%	0.718%	0.744%	1.323%	1.318%	1.325%	1.326%	1.305%	1.254%	1.250%	1.252%
Annual Rate Impact												1.100%