

Exhibit No. 1.4(a)

Olympic Pipe Line Company

Index

<u>Schedule</u>	<u>Schedule Descriptions</u>
Schedule 1	Input Summary
Schedule 2	Adjustment to Operating Expenses
Schedule 3	Total Revenue Requirement (Including Net Carryover)
Schedule 4	Net Carryover
Schedule 5	Overall Return on Rate Base
Schedule 6	Income Tax Allowance
Schedule 7	Rate Base
Schedule 8	AFUDC - Calculation
Schedule 9	AFUDC - Amortization
Schedule 10	Amortization Rate
Schedule 11	Tax Depreciation
Schedule 12	Accumulated Deferred Income Taxes
Schedule 13	TEFRA Adjustment to ADIT
Schedule 14	Excess Deferred Income Tax Amortization Adjustment to ADIT
Schedule 15	Calculation of Tariff Rates
Schedule 16	Throughput Adjuster - Tariff Rates

Input Data
YEAR
2015

Line No.	Description	Source	2003 EOY	2004	2005	2006	2007	2008	
1	Year 1 Adjustment Factor	Stipulated						1.00	
2	Annual Maximum Amortization of Transition Costs - Rate Litigation	Stipulated						3	
3	Annual Maximum Amortization of Transition Costs - Bankruptcy	Stipulated						24	
4	Max Allowable Other Operating Expenses	Stipulated						\$19,500	
5	Throughput Adjuster	Stipulated						2.00%	
Annual Inputs									
6	Land (EOY)	Ln (7 + 8 + 9 + Prior 6)	1/	\$577	\$577	\$592	\$592	\$592	\$632
7	Land Additions	Form 6 / Company Projections	6/	\$0	\$0	\$15	\$0	\$0	\$40
8	Land Retirements	Form 6 / Company Projections	6/	\$0	\$0	\$0	\$0	\$0	\$0
9	Land Adjustments and Transfers	Form 6 / Company Projections	6/ , 11/	\$0	\$0	\$0	\$0	\$0	\$0
10	Carrier Property in Service (EOY)	Ln (11 + 12 + 13 + Prior 10)	1/	\$157,553	\$175,512	\$194,763	\$203,458	\$210,830	\$219,560
11	Carrier Property Additions	Form 6 / Company Projections	6/	\$19,126	\$19,126	\$25,801	\$8,771	\$7,376	\$9,531
12	Carrier Property Retirements	Form 6 / Company Projections	6/	\$0	\$0	(\$6,550)	(\$339)	(\$4)	(\$801)
13	Carrier Property Adjustments and Transfers	Form 6 / Company Projections	6/ , 11/	(\$1,166)	(\$1,166)	\$0	\$263	\$0	\$0
14	Accumulated Depreciation of Carrier Property (EOY)	Ln (15 + 16 + 17 + Prior 14)	1/	\$53,957	\$56,779	\$54,468	\$58,681	\$63,535	\$67,692
15	Carrier Depreciation Expense	Form 6	6/ , 11/	\$3,988	\$3,988	\$4,240	\$4,552	\$4,856	\$4,957
16	Carrier Depreciation Retirements	Form 6	6/	(\$1,166)	(\$1,166)	(\$6,550)	(\$339)	(\$4)	(\$801)
17	Carrier Depreciation Transfers / Adjustments	Form 6	6/ , 11/	\$0	\$0	\$0	\$0	\$2	\$0
18	Oil Inventories	Form 6	6/	\$252	\$346	\$537	\$730	\$1,001	\$632
19	Materials & Supplies	Form 6	6/	\$0	\$0	\$0	\$0	\$0	\$0
20	Prepayments	Form 6	6/	\$1,677	\$1,895	\$2,321	\$2,755	\$1,682	\$2,214
21	Federal Income Tax Rate	2/		35.00%	35.00%	35.00%	35.00%	35.00%	35.00%
22	State Income Tax Rate	N/A		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
23	Federal Depreciation Factors - MACRS (1987-present)	3/	5.00%	9.50%	8.55%	7.70%	6.93%	6.23%	
24	Tax Basis Reduction - TEFRA	4/		0%	0%	0%	0%	0%	
25	Interest on Revenue Excess (Deficit)	Federal Reserve, Statistical Release H.15		4.41%	6.34%	8.20%	8.30%	5.19%	
26	Inflation Rate		1.88%	3.26%	3.42%	2.54%	4.08%	0.09%	
27	Equity Ratio	Stipulated		50.00%	50.00%	50.00%	50.00%	50.00%	
28	Cost of Debt	Stipulated		7.80%	7.80%	7.80%	7.80%	7.80%	
29	Real Equity Rate of Return	Stipulated		10.00%	10.00%	10.00%	10.00%	10.00%	
30	Tariff Revenues - Actual	Form 6		\$51,392	\$53,825	\$66,443	\$80,369	\$78,143	
31	Tariff Revenues - Estimated	Company Records	8/						

Input Data

Line No.	Description	Source	2003 EOY	2004	2005	2006	2007	2008
32	Accumulated Equity AFUDC	Stipulated	5,073					
33	Accumulated Amortization of Equity AFUDC	Stipulated	549					
34	Accumulated Debt AFUDC	Stipulated	3,170					
35	Accumulated Amortization of Debt AFUDC	Stipulated	328					
36	Federal ADIT before Excess Deferred Income Tax Amortization Adjustment	Stipulated	13,338					
37	Accumulated Excess Deferred Income Tax Amortization Adjustment	Stipulated	973					
38	Accumulated TEFRA Adjustment	Stipulated	72					
39	Accumulated Amortization of TEFRA Adjustment	Stipulated	33					
40	Accumulated Excess Deferred Income Tax Amortization	Stipulated	2,281					
41	Tax Depreciation - Pre-Year 1	Stipulated		\$8,134	\$7,526	\$7,021	\$6,555	\$6,174
42	Bayview Tax Depreciation Adjustment	Amended TSA Workpaper 3 Exhibit 3C						
43	Bayview ADIT Adjustment	Amended TSA Workpaper 4 Exhibit 4C						
44	Bayview Terminal Non-Carrier Property Balance	Amended TSA Workpaper 1 Exhibit 1C						
45	Bayview Non-Carrier Land	Amended TSA Workpaper 1 Exhibit 1C						
46	Bayview Terminal Non-Carrier Accumulated Depreciation	Amended TSA Workpaper 2 Exhibit 2C						
47	Bayview Terminal Non-Carrier Depreciation Expenses	2008 Company Records						
48	Bayview Terminal Non-Carrier Portion Project Expense	2008 Company Records						
49	Bayview Terminal Non-Carrier Portion Fuel and Power	2008 Company Records						
50	Bayview Terminal Non-Carrier Portion Property Tax	2008 Company Records						
51	Bayview Terminal Non-Carrier Portion Other Operating Expense	2008 Company Records						

Input Data

Line No.	Description	Source	2003 EOY	2004	2005	2006	2007	2008
Operating Expenses by FERC Account								
OPERATIONS AND MAINTENANCE								
52	Salaries and Wages (300)	Company Records	7/	\$4,214	\$4,722	\$4,160	\$5,044	\$0
53	Materials and Supplies(310)	Company Records	7/	\$362	\$452	\$624	\$845	\$717
54	Outside Services (320)	Company Records	7/	\$9,818	\$11,542	\$9,861	\$11,294	\$21,951
55	Operating Fuel and Power (330)	Company Records	7/	\$9,453	\$9,721	\$10,186	\$10,708	\$11,019
56	Oil Losses and Shortages (340)	Company Records	7/	(\$127)	\$0	\$0	(\$0)	\$0
57	Rentals (350)	Company Records	7/	\$585	\$367	\$196	\$251	\$182
58	Other Expenses (390)	Company Records	7/	\$74	\$67	\$173	\$415	\$276
59	Total Operations and Maintenance Expenses	Sum Ln (52 to 58)		\$24,378	\$26,872	\$25,199	\$28,558	\$34,146
GENERAL								
60	Salaries and Wages (500)	Company Records	7/	\$1,714	\$1,151	\$2,393	\$2,097	\$0
61	Materials and Supplies (510)	Company Records	7/	\$776	\$773	\$608	\$799	\$947
62	Outside Services (520)	Company Records	7/	\$1,125	\$3,094	\$3,335	\$6,058	\$6,169
63	Rentals (530)	Company Records	7/	\$226	\$497	\$605	\$766	\$756
64	Depreciation and Amortization (540)	Ln 15		\$3,988	\$4,240	\$4,552	\$4,856	\$4,957
65	Employee Benefits (550)	Company Records	7/	\$2,422	\$2,411	\$2,133	\$1,986	\$0
66	Insurance (560)	Company Records	7/	\$1,837	\$1,829	\$3,022	\$2,820	\$2,765
67	Casualty and Other Losses (570)	Company Records	7/	\$11	(\$38)	\$10	(\$1)	\$17
68	Pipeline Taxes (580)	Company Records	7/	\$1,100	\$1,168	\$2,760	\$2,721	\$2,445
69	Other Expenses (590)	Company Records	7/	(\$607)	\$336	\$540	\$414	\$338
70	Total General Expenses	Sum Ln (60 to 69)		\$12,589	\$15,462	\$19,957	\$22,515	\$18,395
71	Total Operating Expenses	Ln (59 + 70)		\$36,968	\$42,335	\$45,157	\$51,072	\$52,540
72	Operating Expenses Excluding Depreciation	Ln (71 - 64)		\$32,980	\$38,094	\$40,605	\$46,216	\$47,583
Project Expenses by FERC Account								
OPERATIONS AND MAINTENANCE								
73	Salaries and Wages (300)	Company Records	7/	\$0	\$0	\$0	\$0	\$0
74	Materials and Supplies(310)	Company Records	7/	\$0	\$0	\$0	\$151	\$0
75	Outside Services (320)	Company Records	7/	\$9,309	\$9,898	\$10,015	\$11,679	\$14,367
76	Operating Fuel and Power (330)	Company Records	7/	\$0	\$0	\$0	\$0	\$0
77	Oil Losses and Shortages (340)	Company Records	7/	\$0	\$0	\$0	\$0	\$0
78	Rentals (350)	Company Records	7/	\$0	\$0	\$0	\$28	\$0
79	Other Expenses (390)	Company Records	7/	\$0	\$0	\$0	\$12	\$0
80	Total Operations and Maintenance Expenses	Sum Ln (73 to 79)		\$9,309	\$9,898	\$10,015	\$11,870	\$14,367
GENERAL								
81	Salaries and Wages (500)	Company Records	7/	\$0	\$0	\$0	\$0	\$0
82	Materials and Supplies (510)	Company Records	7/	\$0	\$0	\$0	\$56	\$0
83	Outside Services (520)	Company Records	7/	(\$640)	\$0	\$0	\$2,227	\$0
84	Rentals (530)	Company Records	7/	\$0	\$0	\$0	\$0	\$0
85	Depreciation and Amortization (540)	Company Records	7/	\$0	\$0	\$0	\$0	\$0
86	Employee Benefits (550)	Company Records	7/	\$0	\$0	\$0	\$0	\$0
87	Insurance (560)	Company Records	7/	\$0	\$0	\$0	\$0	\$0
88	Casualty and Other Losses (570)	Company Records	7/	\$0	\$0	\$0	\$0	\$0
89	Pipeline Taxes (580)	Company Records	7/	\$0	\$0	\$0	\$0	\$0
90	Other Expenses (590)	Company Records	7/	(\$440)	\$0	\$0	\$0	\$0
91	Total General Expenses	Sum Ln (81 to 90)		(\$1,080)	\$0	\$0	\$2,284	\$0
92	Total Project Expenses	Ln (80 + 91) - Ln 48		\$8,229	\$9,898	\$10,015	\$14,153	\$14,367
93	Other Operating Expenses	Ln (72 - 55 - 92 - 51 - 68)		\$15,298	\$18,476	\$20,404	\$21,355	\$22,198
94	Transition Costs - Rate Litigation	Annual data	9/	\$2,146	\$0	\$0	\$0	\$0
95	Transition Costs - Bankruptcy	Annual data	9/	\$3,596	\$116	\$0	\$0	\$0
96	Escalation Factor For Other Expenses			1,019	1,05	1,09	1,12	1,16
97	Other Expenses - Max Allowable	\$19.5 million X CPI-U		\$19,867	\$20,513	\$21,215	\$21,754	\$22,642
98	Total Annual Volume	Company Records		105,960,814	104,055,100	104,885,263	104,230,097	105,295,312
99	Volume (000 bbls) - 12 mth Rolling Average - Quarter 1			106,301	105,857	104,887	104,114	104,362
100	Volume (000 bbls) - 12 mth Rolling Average - Quarter 2			105,472	105,521	106,032	103,887	105,418
101	Volume (000 bbls) - 12 mth Rolling Average - Quarter 3			106,266	103,355	106,065	103,530	107,036
102	Volume (000 bbls) - 12 mth Rolling Average - Quarter 4			105,961	104,055	104,885	104,230	105,295

(S000's) **ARBITRATION ADJUSTMENT-2004**

Input Data

(\$640,000)

Page 4 of 10
 1-Jul

Line No.	Description	Source	2004	2005	2006	2007	2008
Effective Tariff Rates January - June (\$/Bbl) - Origin to Destination							
103	ANACORTES to LINNTON	Fungible	0.6373	0.6373	0.6847	0.9079	0.8791
104	ANACORTES to LINNTON	Non-Fungible	0.6796	0.6796	0.7302	0.9682	0.9375
105	BAYVIEW to LINNTON	Fungible					0.7370
106	BAYVIEW to LINNTON	Non-Fungible					0.7960
107	CHERRY POINT to LINNTON	Fungible	0.7107	0.7107	0.7636	1.0125	0.9804
108	CHERRY POINT to LINNTON	Non-Fungible	0.7535	0.7535	0.8096	1.0735	1.0394
109	FERDALE to LINNTON	Fungible	0.6991	0.6991	0.7511	0.9960	0.9644
110	FERDALE to LINNTON	Non-Fungible	0.7417	0.7417	0.7969	1.0567	1.0232
111	ANACORTES to PORTLAND	Fungible	0.6373	0.6373	0.6847	0.9079	0.8791
112	ANACORTES to PORTLAND	Non-Fungible	0.6796	0.6796	0.7302	0.9682	0.9375
113	BAYVIEW to PORTLAND	Fungible					0.7370
114	BAYVIEW to PORTLAND	Non-Fungible					0.7960
115	CHERRY POINT to PORTLAND	Fungible	0.7107	0.7107	0.7636	1.0125	0.9804
116	CHERRY POINT to PORTLAND	Non-Fungible	0.7535	0.7535	0.8096	1.0735	1.0394
117	FERDALE to PORTLAND	Fungible	0.6991	0.6991	0.7511	0.9960	0.9644
118	FERDALE to PORTLAND	Non-Fungible	0.7417	0.7417	0.7569	1.0567	1.0232
119	ANACORTES to BAYVIEW	N/A	-	0.1069	0.1149	0.1524	0.1476
120	CHERRY POINT to BAYVIEW	N/A	-	0.1764	0.1895	0.2513	0.2434
121	FERDALE to BAYVIEW	N/A	-	0.1639	0.1761	0.2335	0.2261
122	ANACORTES to RENTON	Fungible	0.2640	0.2640	0.2836	0.3761	0.3642
123	ANACORTES to RENTON	Non-Fungible	0.3055	0.3055	0.3282	0.4352	0.4214
124	BAYVIEW to RENTON	Fungible					0.2163
125	BAYVIEW to RENTON	Non-Fungible					0.2741
126	CHERRY POINT to RENTON	Fungible	0.3333	0.3333	0.3581	0.4748	0.4597
127	CHERRY POINT to RENTON	Non-Fungible	0.3751	0.3751	0.4030	0.5344	0.5175
128	FERDALE to RENTON	Fungible	0.3208	0.3208	0.3447	0.4571	0.4426
129	FERDALE to RENTON	Non-Fungible	0.3626	0.3626	0.3896	0.5166	0.5002
130	ANACORTES to SEA-TAC	Fungible	0.2931	0.2931	0.3149	0.4176	0.4043
131	ANACORTES to SEA-TAC	Non-Fungible	0.3348	0.3348	0.3597	0.4770	0.4619
132	BAYVIEW to SEA-TAC	Fungible					0.2568
133	BAYVIEW to SEA-TAC	Non-Fungible					0.3140
134	CHERRY POINT to SEA-TAC	Fungible	0.3626	0.3626	0.3896	0.5166	0.5002
135	CHERRY POINT to SEA-TAC	Non-Fungible	0.4041	0.4041	0.4342	0.5757	0.5574
136	FERDALE to SEA-TAC	Fungible	0.3502	0.3502	0.3763	0.4990	0.4832
137	FERDALE to SEA-TAC	Non-Fungible	0.3917	0.3917	0.4209	0.5581	0.5404
138	ANACORTES to SEATTLE	Fungible	0.2862	0.2862	0.3075	0.4077	0.3947
139	ANACORTES to SEATTLE	Non-Fungible	0.3277	0.3277	0.3521	0.4669	0.4521
140	BAYVIEW to SEATTLE	Fungible					0.2473
141	BAYVIEW to SEATTLE	Non-Fungible					0.3045
142	CHERRY POINT to SEATTLE	Fungible	0.3557	0.3557	0.3822	0.5068	0.4907
143	CHERRY POINT to SEATTLE	Non-Fungible	0.3972	0.3972	0.4268	0.5659	0.5479
144	FERDALE to SEATTLE	Fungible	0.3431	0.3431	0.3686	0.4888	0.4733
145	FERDALE to SEATTLE	Non-Fungible	0.3848	0.3848	0.4134	0.5482	0.5309
146	ANACORTES to SPANAWAY	Fungible	0.3292	0.3292	0.3537	0.4690	0.4542
147	ANACORTES to SPANAWAY	Non-Fungible	0.3709	0.3709	0.3985	0.5284	0.5117
148	BAYVIEW to SPANAWAY	Fungible					0.3065
149	BAYVIEW to SPANAWAY	Non-Fungible					0.3642
150	CHERRY POINT to SPANAWAY	Fungible	0.3986	0.3986	0.4283	0.5679	0.5499
151	CHERRY POINT to SPANAWAY	Non-Fungible	0.4404	0.4404	0.4732	0.6275	0.6076
152	FERDALE to SPANAWAY	Fungible	0.3861	0.3861	0.4148	0.5500	0.5325
153	FERDALE to SPANAWAY	Non-Fungible	0.4279	0.4279	0.4597	0.6096	0.5903
154	ANACORTES to TACOMA	Fungible	0.3208	0.3208	0.3447	0.4571	0.4426
155	ANACORTES to TACOMA	Non-Fungible	0.3626	0.3626	0.3896	0.5166	0.5002
156	BAYVIEW to TACOMA	Fungible					0.2949
157	BAYVIEW to TACOMA	Non-Fungible					0.3526
158	CHERRY POINT to TACOMA	Fungible	0.3903	0.3903	0.4193	0.5560	0.5383
159	CHERRY POINT to TACOMA	Non-Fungible	0.4320	0.4320	0.4642	0.6155	0.5960
160	FERDALE to TACOMA	Fungible	0.3779	0.3779	0.4060	0.5384	0.5213
161	FERDALE to TACOMA	Non-Fungible	0.4195	0.4195	0.4507	0.5976	0.5787
162	ANACORTES to OLYMPIA	Fungible	0.4140	0.4140	0.4448	0.5898	0.5711
163	ANACORTES to OLYMPIA	Non-Fungible	0.4557	0.4557	0.4896	0.6492	0.6286
164	Bayview to Olympia	Fungible					0.4235
165	Bayview to Olympia	Non-Fungible					0.4809
166	CHERRY POINT to OLYMPIA	Fungible	0.4834	0.4834	0.5194	0.6887	0.6669
167	CHERRY POINT to OLYMPIA	Non-Fungible	0.5250	0.5250	0.5641	0.7480	0.7243
168	FERDALE to OLYMPIA	Fungible	0.4708	0.4708	0.5058	0.6707	0.6495
169	FERDALE to OLYMPIA	Non-Fungible	0.5126	0.5126	0.5507	0.7302	0.7070
170	ANACORTES to VANCOUVER	Fungible	0.6097	0.6097	0.6551	0.8687	0.8411
171	ANACORTES to VANCOUVER	Non-Fungible	0.6515	0.6515	0.7000	0.9282	0.8987
172	BAYVIEW to VANCOUVER	Fungible					0.6935
173	BAYVIEW to VANCOUVER	Non-Fungible					0.7512
174	CHERRY POINT to VANCOUVER	Fungible	0.6792	0.6792	0.7297	0.9676	0.9369
175	CHERRY POINT to VANCOUVER	Non-Fungible	0.7210	0.7210	0.7747	1.0272	0.9946
176	FERDALE to VANCOUVER	Fungible	0.6668	0.6668	0.7164	0.9499	0.9198
177	FERDALE to VANCOUVER	Non-Fungible	0.7085	0.7085	0.7612	1.0093	0.9773

Input Data

Line No.	Description	Source	2003 EOY	2004	2005	2006	2007	2008
Monthly Inputs								
<u>Spending - CWIP:</u>								
178	Month 1	Company Records						
179	Month 2	Company Records						
180	Month 3	Company Records						
181	Month 4	Company Records						
182	Month 5	Company Records						
183	Month 6	Company Records						
184	Month 7	Company Records						
185	Month 8	Company Records						
186	Month 9	Company Records						
187	Month 10	Company Records						
188	Month 11	Company Records						
189	Month 12	Company Records						
<u>Transfers to Assets - CWIP:</u>								
190	Month 1	Company Records						
191	Month 2	Company Records						
192	Month 3	Company Records						
193	Month 4	Company Records						
194	Month 5	Company Records						
195	Month 6	Company Records						
196	Month 7	Company Records						
197	Month 8	Company Records						
198	Month 9	Company Records						
199	Month 10	Company Records						
200	Month 11	Company Records						
201	Month 12	Company Records						
<u>CWIP Balances:</u>								
202	Month 1	Company Records	10/	\$12,786	\$14,890	\$2,895	\$3,668	\$4,717
203	Month 2	Company Records	10/	\$13,329	\$15,029	\$3,096	\$3,583	\$4,277
204	Month 3	Company Records	10/	\$15,952	\$15,914	\$4,193	\$4,343	\$4,451
205	Month 4	Company Records	10/	\$16,104	\$15,681	\$4,372	\$4,733	\$4,774
206	Month 5	Company Records	10/	\$15,330	\$16,913	\$5,630	\$5,187	\$5,613
207	Month 6	Company Records	10/	\$18,545	\$19,666	\$6,614	\$5,787	\$5,654
208	Month 7	Company Records	10/	\$18,571	\$20,013	\$7,130	\$6,780	\$6,458
209	Month 8	Company Records	10/	\$20,411	\$21,862	\$8,057	\$6,507	\$7,714
210	Month 9	Company Records	10/	\$24,413	\$24,770	\$10,047	\$7,185	\$7,553
211	Month 10	Company Records	10/	\$26,550	\$25,314	\$10,230	\$7,015	\$8,559
212	Month 11	Company Records	10/	\$24,551	\$26,401	\$10,348	\$7,416	\$9,875
213	Month 12	Company Records	10/	\$12,852	\$14,898	\$2,694	\$3,654	\$3,689

1/ 2003 EOY Data based on FERC Form 6
 2/ 1984-1986 Federal Income Tax Rate from IRC §11(b) and (c), as amended by P.L. 95-600, §301(a), 95th Cong., 2d Sess. (1978).
 1987 Federal Income Tax Rate from IRC §11(b) and (c), as amended by P.L. 99-514, §601(a), 99th Cong., 2d Sess. (1986). See also, IRC §15 (1987).
 1988-1992 Federal Income Tax Rate from IRC §11(b) as amended by P.L. 100-203 §10222(a), 100th Cong., 1st Sess. (1987).
 1993-Test Period Federal Income Tax Rate from IRC §11(b) as amended by P.L. 103-66, §13221(b), 103rd Cong., 1st Sess. (1993).
 3/ IRC §168(a), §1680(1), §168(e)(1). Rev. Proc. 87-56, IRB 1987-42, 4 (Asset guideline class 46). Rev. Proc. 87-57, §8 (table 1), 1987-2 CB 687.
 4/ Based on Tax Equity and Fiscal Responsibility Act of 1982.
 5/ Rates based on currently effective Tariff Rates July 2012 - June 2013
 6/ Data based on Rates in effect July 1, 2014
 7/ Annual data based on Workpaper 3
 8/ Data based on Workpaper 7
 9/ Data based on Workpaper 4
 10/ Annual data based on Workpaper 2

Input Data
YEAR
2015

Line No.	Description	Source	2009	2010	2011	2012	
1	Year 1 Adjustment Factor	Stipulated	1.00				
2	Annual Maximum Amortization of Transition Costs - Rate Litigation	Stipulated	3				
3	Annual Maximum Amortization of Transition Costs - Bankruptcy	Stipulated	24				
4	Max Allowable Other Operating Expenses	Stipulated	\$19,500				
5	Throughput Adjuster	Stipulated	2.00%				
Annual Inputs							
6	Land (EOY)	Ln (7 + 8 + 9 + Prior 6)	1/	\$545	\$545	\$545	\$545
7	Land Additions	Form 6 / Company Projections	6/	\$0	\$0	\$0	\$0
8	Land Retirements	Form 6 / Company Projections	6/	\$0	\$0	\$0	\$0
9	Land Adjustments and Transfers	Form 6 / Company Projections	6/ , 11/	(\$87)			
10	Carrier Property in Service (EOY)	Ln (11 + 12 + 13 + Prior 10)	1/	\$204,133	\$214,202	\$220,995	\$228,025,242
11	Carrier Property Additions	Form 6 / Company Projections	6/	\$7,457	\$10,879	\$6,897	\$10,109
12	Carrier Property Retirements	Form 6 / Company Projections	6/	(\$40)	(\$740)	(\$94)	(\$3,078)
13	Carrier Property Adjustments and Transfers	Form 6 / Company Projections	6/ , 11/	(\$22,844)	(\$70)	(\$10)	\$0
14	Accumulated Depreciation of Carrier Property (EOY)	Ln (15 + 16 + 17 + Prior 14)	1/	\$68,686	\$72,734	\$77,739	\$79,856
15	Carrier Depreciation Expense	Form 6	6/ , 11/	\$4,640	\$4,819	\$5,090	\$5,195
16	Carrier Depreciation Retirements	Form 6	6/	(\$40)	(\$740)	(\$78)	(\$3,078)
17	Carrier Depreciation Transfers / Adjustments	Form 6	6/ , 11/	(\$3,605)	(\$31)	(\$6)	\$0
18	Oil Inventories	Form 6	6/	\$1,229	\$1,446	\$1,016	\$1,441
19	Materials & Supplies	Form 6	6/	\$0	\$0	\$0	\$0
20	Prepayments	Form 6	6/	\$2,325	\$1,655	\$2,087	\$2,922
21	Federal Income Tax Rate	2/		35.00%	35.00%	35.00%	35.00%
22	State Income Tax Rate	N/A		0.00%	0.00%	0.00%	0.00%
23	Federal Depreciation Factors - MACRS (1987-present)	3/		5.90%	5.90%	5.91%	5.90%
24	Tax Basis Reduction - TEFRA	4/		0%	0%	0%	0%
25	Interest on Revenue Excess (Deficit)	Federal Reserve, Statistical Release H.15		3.29%	3.29%	3.29%	3.29%
26	Inflation Rate			2.72%	1.50%	2.96%	1.74%
27	Equity Ratio	Stipulated		50.00%	50.00%	50.00%	50.00%
28	Cost of Debt	Stipulated		7.80%	7.80%	7.80%	7.80%
29	Real Equity Rate of Return	Stipulated		10.00%	10.00%	10.00%	10.00%
30	Tariff Revenues - Actual	Form 6		\$62,983	\$57,468	\$63,132	\$70,364
31	Tariff Revenues - Estimated	Company Records	8/				

Input Data

Line No.	Description	Source	2009	2010	2011	2012
32	Accumulated Equity AFUDC	Stipulated				
33	Accumulated Amortization of Equity AFUDC	Stipulated				
34	Accumulated Debt AFUDC	Stipulated				
35	Accumulated Amortization of Debt AFUDC	Stipulated				
36	Federal ADIT before Excess Deferred Income Tax Amortization Adjustment	Stipulated				
37	Accumulated Excess Deferred Income Tax Amortization Adjustment	Stipulated				
38	Accumulated TEFRA Adjustment	Stipulated				
39	Accumulated Amortization of TEFRA Adjustment	Stipulated				
40	Accumulated Excess Deferred Income Tax Amortization	Stipulated				
41	Tax Depreciation - Pre-Year 1	Stipulated	\$5,937	\$5,784	\$5,550	\$5,189
42	Bayview Tax Depreciation Adjustment	Amended TSA Workpaper 3 Exhibit 3C	(\$1,316)	(\$1,306)	(\$1,304)	(\$1,300)
43	Bayview ADIT Adjustment	Amended TSA Workpaper 4 Exhibit 4C	(\$3,823)			
44	Bayview Terminal Non-Carrier Property Balance	Amended TSA Workpaper 1 Exhibit 1C	\$22,119			
45	Bayview Non-Carrier Land	Amended TSA Workpaper 1 Exhibit 1C	\$87			
46	Bayview Terminal Non-Carrier Accumulated Depreciation	Amended TSA Workpaper 2 Exhibit 2C	\$3,739			
47	Bayview Terminal Non-Carrier Depreciation Expenses	2008 Company Records	N/A			
48	Bayview Terminal Non-Carrier Portion Project Expense	2008 Company Records	N/A			
49	Bayview Terminal Non-Carrier Portion Fuel and Power	2008 Company Records	N/A			
50	Bayview Terminal Non-Carrier Portion Property Tax	2008 Company Records	N/A			
51	Bayview Terminal Non-Carrier Portion Other Operating Expense	2008 Company Records	N/A			

Input Data

Line No.	Description	Source	2009	2010	2011	2012
Operating Expenses by FERC Account						
OPERATIONS AND MAINTENANCE						
52	Salaries and Wages (300)	Company Records	\$0	\$0	\$0	\$0
53	Materials and Supplies(310)	Company Records	\$1,158	\$2,733	\$2,256	\$2,181
54	Outside Services (320)	Company Records	\$16,902	\$19,167	\$18,744	\$19,159
55	Operating Fuel and Power (330)	Company Records	\$10,546	\$8,647	\$9,348	\$9,393
56	Oil Losses and Shortages (340)	Company Records	\$0	\$0	\$0	\$0
57	Rentals (350)	Company Records	\$173	\$172	\$201	\$85
58	Other Expenses (390)	Company Records	\$150	\$166	\$268	\$175
59	Total Operations and Maintenance Expenses	Sum Ln (52 to 58)	\$28,928	\$30,886	\$30,816	\$30,993
GENERAL						
60	Salaries and Wages (500)	Company Records	\$0	\$0	\$0	\$0
61	Materials and Supplies (510)	Company Records	\$239	\$766	\$482	\$764
62	Outside Services (520)	Company Records	\$6,225	\$6,105	\$6,904	\$6,031
63	Rentals (530)	Company Records	\$604	\$641	\$633	\$284
64	Depreciation and Amortization (540)	Ln 15	\$4,640	\$4,819	\$5,090	\$5,195
65	Employee Benefits (550)	Company Records	\$0	\$0	\$0	\$0
66	Insurance (560)	Company Records	\$2,551	\$2,716	\$2,820	\$2,780
67	Casualty and Other Losses (570)	Company Records	\$3	\$0	\$0	\$0
68	Pipeline Taxes (580)	Company Records	\$2,156	\$2,323	\$2,133	\$2,611
69	Other Expenses (590)	Company Records	\$471	\$380	\$370	\$398
70	Total General Expenses	Sum Ln (60 to 69)	\$16,888	\$17,749	\$18,431	\$18,062
71	Total Operating Expenses	Ln (59 + 70)	\$45,817	\$48,635	\$49,247	\$49,055
72	Operating Expenses Excluding Depreciation	Ln (71 - 64)	\$41,177	\$43,816	\$44,158	\$43,860
Project Expenses by FERC Account						
OPERATIONS AND MAINTENANCE						
73	Salaries and Wages (300)	Company Records	\$0	\$0	\$0	\$0
74	Materials and Supplies(310)	Company Records	\$0	\$0	\$0	\$0
75	Outside Services (320)	Company Records	\$9,473	\$11,048	\$9,471	\$9,069
76	Operating Fuel and Power (330)	Company Records	\$0	\$0	\$0	\$0
77	Oil Losses and Shortages (340)	Company Records	\$0	\$0	\$0	\$0
78	Rentals (350)	Company Records	\$0	\$0	\$0	\$0
79	Other Expenses (390)	Company Records	\$0	\$0	\$0	\$0
80	Total Operations and Maintenance Expenses	Sum Ln (73 to 79)	\$9,473	\$11,048	\$9,471	\$9,069
GENERAL						
81	Salaries and Wages (500)	Company Records	\$0	\$0	\$0	\$0
82	Materials and Supplies (510)	Company Records	\$0	\$0	\$0	\$0
83	Outside Services (520)	Company Records	\$0	\$0	\$0	\$0
84	Rentals (530)	Company Records	\$0	\$0	\$0	\$0
85	Depreciation and Amortization (540)	Company Records	\$0	\$0	\$0	\$0
86	Employee Benefits (550)	Company Records	\$0	\$0	\$0	\$0
87	Insurance (560)	Company Records	\$0	\$0	\$0	\$0
88	Casualty and Other Losses (570)	Company Records	\$0	\$0	\$0	\$0
89	Pipeline Taxes (580)	Company Records	\$0	\$0	\$0	\$0
90	Other Expenses (590)	Company Records	\$0	\$0	\$0	\$0
91	Total General Expenses	Sum Ln (81 to 90)	\$0	\$0	\$0	\$0
92	Total Project Expenses	Ln (80 + 91) - Ln 48	\$9,473	\$11,048	\$9,471	\$9,069
93	Other Operating Expenses	Ln (72 - 55 - 92 - 51 - 68)	\$19,003	\$21,797	\$23,206	\$22,787
94	Transition Costs - Rate Litigation	Annual data	\$0	\$0	\$0	\$0
95	Transition Costs - Bankruptcy	Annual data	\$0	\$0	\$0	\$0
96	Escalation Factor For Other Expenses		1.16	1.19	1.21	1.25
97	Other Expenses - Max Allowable	\$19.5 million X CPI-U	\$22,662	\$23,278	\$23,627	\$24,327
98	Total Annual Volume	Company Records	102,426,906	97,528,093	100,173,816	97,251,913
99	Volume (000 bbls) - 12 mth Rolling Average - Quarter 1		103,600	99,829	98,190	98,590
100	Volume (000 bbls) - 12 mth Rolling Average - Quarter 2		101,470	99,086	98,236	97,925
101	Volume (000 bbls) - 12 mth Rolling Average - Quarter 3		100,638	97,883	100,196	97,845
102	Volume (000 bbls) - 12 mth Rolling Average - Quarter 4		102,427	97,528	100,174	97,252

(S000s) **ARBITRATION ADJUSTMENT-2004**

Input Data

Line No.	Description	Source	1-Jan			
			2009	2010	2011	2012
Effective Tariff Rates January - June (\$/Bbl) - Origin to Destination						
103	ANACORTES to LINNTON	Fungible	0.8326	0.7560	0.7377	0.8498
104	ANACORTES to LINNTON	Non-Fungible	0.8879	0.8062	0.7867	0.9062
105	BAYVIEW to LINNTON	Fungible	0.6980	0.6338	0.6184	0.7124
106	BAYVIEW to LINNTON	Non-Fungible	0.7539	0.6846	0.6680	0.7695
107	CHERRY POINT to LINNTON	Fungible	0.9286	0.8432	0.8228	0.9478
108	CHERRY POINT to LINNTON	Non-Fungible	0.9845	0.8939	0.8722	1.0047
109	FERNDALE to LINNTON	Fungible	0.9134	0.8294	0.8093	0.9323
110	FERNDALE to LINNTON	Non-Fungible	0.9691	0.8800	0.8587	0.9892
111	ANACORTES to PORTLAND	Fungible	0.8326	0.7560	0.7377	0.8498
112	ANACORTES to PORTLAND	Non-Fungible	0.8879	0.8062	0.7867	0.9062
113	BAYVIEW to PORTLAND	Fungible	0.6980	0.6338	0.6184	0.7124
114	BAYVIEW to PORTLAND	Non-Fungible	0.7539	0.6846	0.6680	0.7695
115	CHERRY POINT to PORTLAND	Fungible	0.9286	0.8432	0.8228	0.9478
116	CHERRY POINT to PORTLAND	Non-Fungible	0.9845	0.8939	0.8722	1.0047
117	FERNDALE to PORTLAND	Fungible	0.9134	0.8294	0.8093	0.9323
118	FERNDALE to PORTLAND	Non-Fungible	0.9691	0.8800	0.8587	0.9892
119	ANACORTES to BAYVIEW	N/A	0.1398	0.1269	0.1238	0.1426
120	CHERRY POINT to BAYVIEW	N/A	0.2305	0.2093	0.2042	0.2352
121	FERNDALE to BAYVIEW	N/A	0.2141	0.1944	0.1897	0.2185
122	ANACORTES to RENTON	Fungible	0.3449	0.3132	0.3056	0.3520
123	ANACORTES to RENTON	Non-Fungible	0.3991	0.3624	0.3536	0.4073
124	BAYVIEW to RENTON	Fungible	0.2049	0.1861	0.1816	0.2092
125	BAYVIEW to RENTON	Non-Fungible	0.2596	0.2357	0.2300	0.2649
126	CHERRY POINT to RENTON	Fungible	0.4354	0.3954	0.3858	0.4444
127	CHERRY POINT to RENTON	Non-Fungible	0.4901	0.4450	0.4342	0.5002
128	FERNDALE to RENTON	Fungible	0.4192	0.3806	0.3714	0.4278
129	FERNDALE to RENTON	Non-Fungible	0.4738	0.4302	0.4198	0.4836
130	ANACORTES to SEA-TAC	Fungible	0.3829	0.3477	0.3393	0.3908
131	ANACORTES to SEA-TAC	Non-Fungible	0.4375	0.3973	0.3877	0.4466
132	BAYVIEW to SEA-TAC	Fungible	0.2432	0.2208	0.2155	0.2482
133	BAYVIEW to SEA-TAC	Non-Fungible	0.2974	0.2700	0.2655	0.3035
134	CHERRY POINT to SEA-TAC	Fungible	0.4738	0.4302	0.4198	0.4836
135	CHERRY POINT to SEA-TAC	Non-Fungible	0.5279	0.4793	0.4677	0.5388
136	FERNDALE to SEA-TAC	Fungible	0.4577	0.4156	0.4055	0.4671
137	FERNDALE to SEA-TAC	Non-Fungible	0.5118	0.4647	0.4534	0.5223
138	ANACORTES to SEATTLE	Fungible	0.3738	0.3394	0.3312	0.3815
139	ANACORTES to SEATTLE	Non-Fungible	0.4282	0.3888	0.3794	0.4370
140	BAYVIEW to SEATTLE	Fungible	0.2342	0.2127	0.2075	0.2390
141	BAYVIEW to SEATTLE	Non-Fungible	0.2884	0.2619	0.2556	0.2944
142	CHERRY POINT to SEATTLE	Fungible	0.4648	0.4220	0.4118	0.4744
143	CHERRY POINT to SEATTLE	Non-Fungible	0.5189	0.4712	0.4598	0.5297
144	FERNDALE to SEATTLE	Fungible	0.4483	0.4071	0.3972	0.4575
145	FERNDALE to SEATTLE	Non-Fungible	0.5028	0.4566	0.4455	0.5132
146	ANACORTES to SPANAWAY	Fungible	0.4302	0.3906	0.3811	0.4390
147	ANACORTES to SPANAWAY	Non-Fungible	0.4847	0.4401	0.4294	0.4946
148	BAYVIEW to SPANAWAY	Fungible	0.2903	0.2636	0.2572	0.2963
149	BAYVIEW to SPANAWAY	Non-Fungible	0.3449	0.3132	0.3056	0.3520
150	CHERRY POINT to SPANAWAY	Fungible	0.5208	0.4729	0.4614	0.5315
151	CHERRY POINT to SPANAWAY	Non-Fungible	0.5755	0.5226	0.5099	0.5874
152	FERNDALE to SPANAWAY	Fungible	0.5044	0.4580	0.4469	0.5148
153	FERNDALE to SPANAWAY	Non-Fungible	0.5591	0.5077	0.4954	0.5707
154	ANACORTES to TACOMA	Fungible	0.4192	0.3806	0.3714	0.4278
155	ANACORTES to TACOMA	Non-Fungible	0.4738	0.4302	0.4198	0.4836
156	BAYVIEW to TACOMA	Fungible	0.2793	0.2536	0.2475	0.2851
157	BAYVIEW to TACOMA	Non-Fungible	0.3340	0.3033	0.2960	0.3410
158	CHERRY POINT to TACOMA	Fungible	0.5098	0.4629	0.4517	0.5203
159	CHERRY POINT to TACOMA	Non-Fungible	0.5645	0.5126	0.5002	0.5762
160	FERNDALE to TACOMA	Fungible	0.4937	0.4483	0.4374	0.5039
161	FERNDALE to TACOMA	Non-Fungible	0.5481	0.4977	0.4856	0.5594
162	ANACORTES to OLYMPIA	Fungible	0.5409	0.4911	0.4792	0.5520
163	ANACORTES to OLYMPIA	Non-Fungible	0.5954	0.5406	0.5275	0.6076
164	Bayview to Olympia	Fungible	0.4011	0.3642	0.3554	0.4094
165	Bayview to Olympia	Non-Fungible	0.4555	0.4136	0.4036	0.4649
166	CHERRY POINT to OLYMPIA	Fungible	0.6316	0.5735	0.5596	0.6446
167	CHERRY POINT to OLYMPIA	Non-Fungible	0.6860	0.6229	0.6078	0.7001
168	FERNDALE to OLYMPIA	Fungible	0.6152	0.5586	0.5451	0.6279
169	FERNDALE to OLYMPIA	Non-Fungible	0.6696	0.6080	0.5933	0.6834
170	ANACORTES to VANCOUVER	Fungible	0.7966	0.7233	0.7058	0.8130
171	ANACORTES to VANCOUVER	Non-Fungible	0.8512	0.7729	0.7542	0.8688
172	BAYVIEW to VANCOUVER	Fungible	0.6568	0.5964	0.5820	0.6704
173	BAYVIEW to VANCOUVER	Non-Fungible	0.7115	0.6461	0.6305	0.7263
174	CHERRY POINT to VANCOUVER	Fungible	0.8874	0.8058	0.7863	0.9058
175	CHERRY POINT to VANCOUVER	Non-Fungible	0.9420	0.8554	0.8347	0.9615
176	FERNDALE to VANCOUVER	Fungible	0.8712	0.7911	0.7719	0.8892
177	FERNDALE to VANCOUVER	Non-Fungible	0.9256	0.8405	0.8201	0.9447

Input Data

Line No.	Description	Source	2009	2010	2011	2012
Monthly Inputs						
<u>Spending - CWIP:</u>						
178	Month 1	Company Records				
179	Month 2	Company Records				
180	Month 3	Company Records				
181	Month 4	Company Records				
182	Month 5	Company Records				
183	Month 6	Company Records				
184	Month 7	Company Records				
185	Month 8	Company Records				
186	Month 9	Company Records				
187	Month 10	Company Records				
188	Month 11	Company Records				
189	Month 12	Company Records				
<u>Transfers to Assets - CWIP:</u>						
190	Month 1	Company Records				
191	Month 2	Company Records				
192	Month 3	Company Records				
193	Month 4	Company Records				
194	Month 5	Company Records				
195	Month 6	Company Records				
196	Month 7	Company Records				
197	Month 8	Company Records				
198	Month 9	Company Records				
199	Month 10	Company Records				
200	Month 11	Company Records				
201	Month 12	Company Records				
<u>CWIP Balances:</u>						
202	Month 1	Company Records	10/ \$4,518	\$3,133	\$1,894	\$3,875
203	Month 2	Company Records	10/ \$4,338	\$3,555	\$2,062	\$4,560
204	Month 3	Company Records	10/ \$3,710	\$4,051	\$2,390	\$5,106
205	Month 4	Company Records	10/ \$3,900	\$4,261	\$2,827	\$5,616
206	Month 5	Company Records	10/ \$4,193	\$5,501	\$3,871	\$6,729
207	Month 6	Company Records	10/ \$5,486	\$5,584	\$5,956	\$5,689
208	Month 7	Company Records	10/ \$4,988	\$6,197	\$6,258	\$6,865
209	Month 8	Company Records	10/ \$4,721	\$7,008	\$6,823	\$7,576
210	Month 9	Company Records	10/ \$6,432	\$8,329	\$7,063	\$6,434
211	Month 10	Company Records	10/ \$5,911	\$8,239	\$7,571	\$7,233
212	Month 11	Company Records	10/ \$5,940	\$8,516	\$8,714	\$6,210
213	Month 12	Company Records	10/ \$3,167	\$1,530	\$3,373	\$2,919

1/ 2003 EOY Data based on FERC Form 6

2/ 1984-1986 Federal Income Tax Rate from IRC §11(b) and (c), as amended by P.L. 95-600, §301(a), 95th Cong., 2d Sess. (1978).
 1987 Federal Income Tax Rate from IRC §11(b) and (c), as amended by P.L. 99-514, §601(a), 99th Cong., 2d Sess. (1986). See also, IRC §11(b) as amended by P.L. 100-203 §10222(a), 100th Cong., 1st Sess. (1987).
 1988-1992 Federal Income Tax Rate from IRC §11(b) as amended by P.L. 103-66, §13221(b), 103rd Cong., 1st Sess. (1993).

3/ IRC §168(a), §1680(1), §168(e)(1). Rev. Proc. 87-56, IRB 1987-42, 4 (Asset guideline class 46). Rev. Proc. 87-57, §8 (table 1), 1987-2 CF

4/ Based on Tax Equity and Fiscal Responsibility Act of 1982.

5/ Rates based on currently effective Tariff Rates July 2012 - June 2013

6/ Data based on Rates in effect July 1, 2014

7/ Annual data based on Workpaper 3

8/ Data based on Workpaper 7

9/ Data based on Workpaper 4

10/ Annual data based on Workpaper 2

Line No	Description (\$ 000's)	Source	2004	2005	2006	2007	2008	2009	2010	2011	2012
Operating Expenses - Unadjusted											
1	Project Expenses	Schedule 1, Ln 92	\$8,229	\$9,898	\$10,015	\$14,153	\$14,367	\$9,473	\$11,048	\$9,471	\$9,069
2	Power and Pipeline Tax Expenses	Schedule 1, Lns 55 + 68	\$9,453	\$9,721	\$10,186	\$10,708	\$11,019	\$12,702	\$10,970	\$11,481	\$12,004
3	Other Operating Expenses	Schedule 1, Ln 93	\$15,298	\$18,476	\$20,404	\$21,355	\$22,198	\$19,003	\$21,797	\$23,206	\$22,787
4	Transition Costs - Rate Litigation	Schedule 1, Ln 94	\$2,146	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	Transition Costs - Bankruptcy	Schedule 1, Ln 95	\$3,596	\$116	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Operating Expenses	Sum Ln (1 to 5)	<u>\$38,722</u>	<u>\$38,210</u>	<u>\$40,605</u>	<u>\$46,216</u>	<u>\$47,583</u>	<u>\$41,177</u>	<u>\$43,816</u>	<u>\$44,158</u>	<u>\$43,860</u>
Operating Expenses - Adjusted											
7	Maximum Allowable Other Expenses	Schedule 1, Ln 97	\$19,867	\$20,513	\$21,215	\$21,754	\$22,642	\$22,662	\$23,278	\$23,627	\$24,327
8	Other Operating Expenses	Min Ln (3 or 7)	\$15,298	\$18,476	\$20,404	\$21,355	\$22,198	\$19,003	\$21,797	\$23,206	\$22,787
9	Other Operating Expenses Deficit	Ln (7 - 8)	\$4,568	\$2,038	\$811	\$399	\$444	\$3,659	\$1,481	\$421	\$1,540
10	Cost Increase Deficit Amount	Ln 9	\$4,568	\$2,038	\$811	\$399	\$444	\$3,659	\$1,481	\$421	\$1,540
11	Annual Maximum Amortization of Transition Costs - Bankruptcy	Annual Ln 5 Amortized Over 24 Yrs	\$150	\$155	\$155	\$155	\$155	\$155	\$155	\$155	\$155
12	Difference	Ln (10 - 11)	<u>\$4,418</u>	<u>\$1,883</u>	<u>\$657</u>	<u>\$244</u>	<u>\$289</u>	<u>\$3,505</u>	<u>\$1,327</u>	<u>\$266</u>	<u>\$1,385</u>
13	Unamortized Balance Transition Costs - Bankruptcy BOY	Prior Ln 17	\$3,596	\$3,446	\$3,407	\$3,253	\$3,098	\$2,943	\$2,789	\$2,634	\$2,479
14	Add: Additions of Transition Costs - Bankruptcy	Ln 5	\$116	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Annual Amortization of Transition Costs - Bankruptcy	Min Ln (10 or 11)	\$150	\$155	\$155	\$155	\$155	\$155	\$155	\$155	\$155
16	Transition Costs - Bankruptcy - Accumulated	Ln (15 + Prior 16)	\$150	\$304	\$459	\$614	\$768	\$923	\$1,078	\$1,232	\$1,387
17	Unamortized Balance Transition Costs - Bankruptcy EOY	Ln (13 +14- 15)	<u>\$3,446</u>	<u>\$3,407</u>	<u>\$3,253</u>	<u>\$3,098</u>	<u>\$2,943</u>	<u>\$2,789</u>	<u>\$2,634</u>	<u>\$2,479</u>	<u>\$2,325</u>
18	Cost Deficit Amount	Ln (10 - 15)	\$4,418	\$1,883	\$657	\$244	\$289	\$3,505	\$1,327	\$266	\$1,385
19	Annual Maximum Amortization of Transition Costs - Rate Litigation	Ln 4 Amortized Over 3 Years	\$715	\$715	\$715	\$715	\$0	\$0	\$0	\$0	\$0
20	Difference	Ln (10 - 19)	<u>\$3,853</u>	<u>\$1,322</u>	<u>\$96</u>	<u>(\$316)</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
21	Unamortized Balance Transition Costs - Rate Litigation BOY	Prior Ln 25	\$2,146	\$1,431	\$715	\$59	\$0	\$0	\$0	\$0	\$0
22	Add: Additions of Transition Costs - Rate Litigation	Ln 4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	Add: Amortization of Transition Costs - Rate Litigation	Min Ln (18 or 19)	\$715	\$715	\$657	\$59	\$0	\$0	\$0	\$0	\$0
24	Transition Costs - Rate Litigation - Accumulated	Ln (23 + Prior 24)	\$715	\$1,431	\$2,087	\$2,146	\$2,146	\$2,146	\$2,146	\$2,146	\$2,146
25	Unamortized Balance Transition Costs - Rate Litigation EOY	Ln (21+22 - 23)	<u>\$1,431</u>	<u>\$715</u>	<u>\$59</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
26	Total Other Expenses	Ln (8 + 15 + 23)	<u>\$16,163</u>	<u>\$19,346</u>	<u>\$21,215</u>	<u>\$21,568</u>	<u>\$22,352</u>	<u>\$19,157</u>	<u>\$21,952</u>	<u>\$23,361</u>	<u>\$22,942</u>
27	Adjusted Operating Expenses	Ln (1 + 2 + 26)	<u>\$34,048</u>	<u>\$39,387</u>	<u>\$41,839</u>	<u>\$46,429</u>	<u>\$47,738</u>	<u>\$41,332</u>	<u>\$43,970</u>	<u>\$44,312</u>	<u>\$44,015</u>
28	Arbitration Adjustment		203	203	203	0					
29	Renton Fire Adjustment		0	220	220	0					

Note: The expenses on lines 28 and 29 represent the one-time normalization of operating expenses in 2004 that became controversial to the parties to the Settlement Agreement. In order to avoid arbitration in 2005, OPL and Shipper parties agreed to adjust the 2004, 2005, and 2006 Adjusted Operating Expenses as shown above.

Olympic Pipe Line Company
 Total Revenue Requirement (Including Net Carryover)
 (\$000's)

Exhibit No. 1.4(a)
 Schedule 3

Line No.	Description	Source	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	Return on Rate Base	Schedule 5, Line 7	\$10,648	\$12,201	\$14,600	\$14,310	\$15,363	\$11,385	\$13,498	\$12,882	\$14,088
2	Income Tax Allowance	Schedule 6, Line 14	\$3,450	\$4,141	\$4,987	\$4,771	\$5,349	\$3,485	\$4,538	\$4,171	\$4,777
3	Operating Expenses Excluding Depreciation	Schedule 2, Line 27	\$34,048	\$39,387	\$41,839	\$46,429	\$47,738	\$41,332	\$43,970	\$44,312	\$44,015
4	Depreciation Expense	Schedule 1, Line 15	\$3,988	\$4,240	\$4,552	\$4,856	\$4,957	\$4,640	\$4,819	\$5,090	\$5,195
5	Amortization of AFUDC	Schedule 9, Lines (4 + 10)	\$220	\$255	\$285	\$307	\$316	\$312	\$340	\$358	\$366
6	Total Revenue Requirement (Excluding Net	Sum Lines (1 through 5)	\$52,355	\$60,224	\$66,262	\$70,673	\$73,723	\$61,153	\$67,166	\$66,812	\$68,440
7	Net Carryover	Schedule 4 Prior Ln 6	N/A	\$1,005	\$7,873	\$8,323	(\$1,487)	(\$6,214)	(\$8,308)	\$1,436	\$5,285
8	Total Revenue Requirement (Including Net	Ln (6 + 7)	\$52,355	\$61,229	\$74,135	\$78,996	\$72,236	\$54,939	\$58,858	\$68,248	\$73,725

Olympic Pipe Line Company
 Net Carryover
 (\$000's)

Exhibit No. 1.4(a)
 Schedule 4

Line No.	Description	Source	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	Total Revenue Requirement (Including Net Carryover)	Schedule 3 Ln 8	\$52,355	\$61,229	\$74,135	\$78,996	\$72,236	\$54,939	\$58,858	\$68,248	\$73,725
2	Tariff Revenues - Actual	Schedule 1 Ln 30	\$51,392	\$53,825	\$66,443	\$80,369	\$78,143	\$62,983	\$57,468	\$63,132	\$70,364
3	Revenue (Excess)/Deficit - Without Interest	Ln (1 - 2)	\$962	\$7,404	\$7,692	(\$1,373)	(\$5,907)	(\$8,043)	\$1,391	\$5,116	\$3,361
4	Interest on Revenue (Excess)/Deficit - Rate	Schedule 1 Ln 25	4.41%	6.34%	8.20%	8.30%	5.19%	3.29%	3.29%	3.29%	3.29%
5	Interest on Revenue (Excess)/Deficit	Ln (3 * 4)	\$42	\$469	\$631	(\$114)	(\$306)	(\$265)	\$46	\$168	\$111
6	Net Carryover	Ln (3 + 5)	\$1,005	\$7,873	\$8,323	(\$1,487)	(\$6,214)	(\$8,308)	\$1,436	\$5,285	\$3,471

Olympic Pipe Line Company
Overall Return on Rate Base
(\$000's)

Exhibit No. 1.4(a)
Schedule 5

Line No.	Description	Source	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	Average Original Cost Rate Base	Schedule 7, Line 14 forward	\$108,211	\$115,896	\$137,603	\$140,707	\$140,424	\$127,273	\$131,561	\$133,488	\$135,719
2	Debt Ratio	1.0 - Ln 3	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
3	Equity Ratio	Schedule 1, Line 27	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
4	Cost of Debt	Schedule 1, Line 28	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%
5	Equity Rate of Return (Nominal)	Schedule 1, Line (29 + 26)	11.88%	13.26%	13.42%	12.54%	14.08%	10.09%	12.72%	11.50%	12.96%
6	Weighted Cost of Capital	Lines ((2 * 4) + (3 * 5))	9.84%	10.53%	10.61%	10.17%	10.94%	8.95%	10.26%	9.65%	10.38%
7	Overall Return on Rate Base	Lines (6 * 1)	\$10,648	\$12,201	\$14,600	\$14,310	\$15,363	\$11,385	\$13,498	\$12,882	\$14,088
8	Weighted Cost of Debt	Lines (2 * 4)	3.90%	3.90%	3.90%	3.90%	3.90%	3.90%	3.90%	3.90%	3.90%
9	Interest Expense	Lines (8 * 1)	\$4,220	\$4,520	\$5,367	\$5,488	\$5,477	\$4,964	\$5,131	\$5,206	\$5,293

Olympic Pipe Line Company
Income Tax Allowance
(\$000's)

Exhibit No. 1.4(a)
Schedule 6

Line No.	Description	Source	2004	2005	2006	2007	2008	2009	2010	2011	2012	
1	Overall Return on Rate Base	Schedule 5, Line 7	\$10,648	\$12,201	\$14,600	\$14,310	\$15,363	\$11,385	\$13,498	\$12,882	\$14,088	
2	Interest Expense	Schedule 5, Line 9	\$4,220	\$4,520	\$5,367	\$5,488	\$5,477	\$4,964	\$5,131	\$5,206	\$5,293	
3	Return on Equity	Line 1 - Line 2	\$6,427	\$7,681	\$9,233	\$8,822	\$9,887	\$6,421	\$8,367	\$7,676	\$8,795	
4	Amortization of TEFRA Adjustment	Schedule 13, Line 6	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	
5	Amortization of Equity AFUDC	Schedule 9, Line 4	\$135	\$157	\$176	\$189	\$195	\$193	\$210	\$221	\$226	
6	Excess Deferred Income Tax Amortization Adjustment	Schedule 14, Line 12	\$55	\$52	\$52	\$54	\$53	\$50	\$53	\$53	\$53	
7	Taxable Allowed Return	Line (3 + 4 + 5 - 6)	\$6,510	\$7,787	\$9,358	\$8,960	\$10,031	\$6,565	\$8,526	\$7,845	\$8,970	
8	Federal Income Tax Rate	Schedule 1, Ln.21	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	
9	State Income Tax Rate	Schedule 1, Ln.22	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Composite Income Tax Rate	1.0 - ((1.0 - Ln.9) * (1.0 - Ln.10))	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	
11	Net-to-Tax Multiplier	Line 10 / (1.0 - Line 10)	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	
	Income Tax Allowance before Excess Deferred Income Tax											
12	Amortization Adjustment	Line 7 * Line 11	\$3,505	\$4,193	\$5,039	\$4,824	\$5,401	\$3,535	\$4,591	\$4,224	\$4,830	
13	Excess Deferred Income Tax Amortization Adjustment	Line 6	\$55	\$52	\$52	\$54	\$53	\$50	\$53	\$53	\$53	
14	Income Tax Allowance After Excess Deferred Income Tax Amortization Adjustment	Line (12 - 13)	\$3,450	\$4,141	\$4,987	\$4,771	\$5,349	\$3,485	\$4,538	\$4,171	\$4,777	

Line No.	Description	Source	2003 EOY	2004	2005	2006	2007	2008	2009	2010	2011	2012
									3/			
<u>Total Carrier Property in Service</u>												
1	Carrier Property in Service	Schedule 1, Line 10 - 44	\$157,553	\$175,512	\$194,763	\$203,458	\$210,830	\$219,560	\$204,133	\$214,202	\$220,995	\$228,025
2	Accumulated AFUDC	Schedule 9, Lns (2+8) 1/	\$8,244	\$10,098	\$12,069	\$12,757	\$13,328	\$14,001	\$14,437	\$15,012	\$15,493	\$16,103
3	Total Carrier Property in Service	Lines (1 + 2)	\$165,796	\$185,610	\$206,832	\$216,215	\$224,158	\$233,561	\$218,570	\$229,214	\$236,488	\$244,129
<u>Total Accumulated Depreciation</u>												
Accumulated Depreciation of Carrier												
4	Property	Schedule 1, Lines 14 - 46	\$53,957	\$56,779	\$54,468	\$58,681	\$63,535	\$67,692	\$68,686	\$72,734	\$77,739	\$79,856
5	Accumulated Amortization of AFUDC	Schedule 9, Lns (5+11) 2/	\$876	\$1,097	\$1,351	\$1,636	\$1,943	\$2,258	\$2,571	\$2,911	\$3,268	\$3,635
6	Total Accumulated Depreciation	Lines (4 + 5)	\$54,834	\$57,875	\$55,820	\$60,317	\$65,478	\$69,950	\$71,256	\$75,644	\$81,008	\$83,490
7	Net Carrier Property In Service	Lines (3 - 6)	\$110,963	\$127,735	\$151,012	\$155,898	\$158,679	\$163,611	\$147,313	\$153,570	\$155,480	\$160,638
<u>Working Capital</u>												
8	Oil Inventory	Schedule 1, Line 18	\$252	\$346	\$537	\$730	\$1,001	\$632	\$1,229	\$1,446	\$1,016	\$1,441
9	Materials and Supplies	Schedule 1, Line 19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Prepayments	Schedule 1, Line 20	\$1,677	\$1,895	\$2,321	\$2,755	\$1,682	\$2,214	\$2,325	\$1,655	\$2,087	\$2,922
11	Total Working Capital	Lines (8 + 9 + 10)	\$1,929	\$2,240	\$2,859	\$3,485	\$2,682	\$2,846	\$3,554	\$3,101	\$3,103	\$4,363
12	Accumulated Deferred Income Taxes	Schedule 12, Line 11	\$12,365	\$14,080	\$16,268	\$18,676	\$20,938	\$23,158	\$21,241	\$23,175	\$25,101	\$27,044
13	Original Cost Rate Base EOY	Lines (7 + 11 - 12)	\$100,527	\$115,896	\$137,603	\$140,707	\$140,424	\$143,299	\$129,627	\$133,495	\$133,481	\$137,957
14	Average Original Cost Rate Base	Average Line 13		\$108,211	\$126,750	\$139,155	\$140,565	\$141,861	\$127,273	\$131,561	\$133,488	\$135,719

1/ Year 1 = Schedule 1, Ln (32 + 34)

2/ Year 1 = Schedule 1, Ln (33 + 35)

3/ 2009 Average Rate Base adjusted to reflect Bayview removal 1/1/09

Line		2004	2005	2006	2007	2008	2009	2010	2011	2012
No.	Description	Source								
1	Equity Ratio	Schedule 1, Line 27	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
2	Debt Ratio	1.0 - Line 1	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
3	Nominal Equity Rate of Return	Schedule 1, Lines (29 + 26)	11.88%	13.26%	13.42%	12.54%	14.08%	10.09%	12.72%	11.50%
4	Cost of Debt	Schedule 1, Line 28	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%
Construction Work in Progress ("CWIP") Balances										
5	Month 1	Schedule 1, Ln 202	\$12,786	\$14,890	\$2,895	\$3,668	\$4,717	\$4,518	\$3,133	\$1,894
6	Month 2	Schedule 1, Ln 203	\$13,329	\$15,029	\$3,096	\$3,583	\$4,277	\$4,338	\$3,555	\$2,062
7	Month 3	Schedule 1, Ln 204	\$15,952	\$15,914	\$4,193	\$4,343	\$4,451	\$3,710	\$4,051	\$2,390
8	Month 4	Schedule 1, Ln 205	\$16,104	\$15,681	\$4,372	\$4,733	\$4,774	\$3,900	\$4,261	\$2,827
9	Month 5	Schedule 1, Ln 206	\$15,330	\$16,913	\$5,630	\$5,187	\$5,613	\$4,193	\$5,501	\$3,871
10	Month 6	Schedule 1, Ln 207	\$18,545	\$19,666	\$6,614	\$5,787	\$5,654	\$5,486	\$5,584	\$5,956
11	Average CWIP (Jan - Jun)	Average Lines 5 through 10	\$15,341	\$16,349	\$4,466	\$4,550	\$4,914	\$4,357	\$4,347	\$3,167
12	Equity AFUDC Additions (Jan - Jun)	Lines (((1 * 11) + 23) * 3) / 2.0	\$456	\$542	\$150	\$143	\$173	\$110	\$138	\$91
13	Debt AFUDC Additions (Jan - Jun)	Lines (((2 * 11) + 27) * 4) / 2.0	\$299	\$319	\$87	\$89	\$96	\$85	\$85	\$62
14	Month 7	Schedule 1, Ln 208	\$18,571	\$20,013	\$7,130	\$6,780	\$6,458	\$4,988	\$6,197	\$6,258
15	Month 8	Schedule 1, Ln 209	\$20,411	\$21,862	\$8,057	\$6,507	\$7,714	\$4,721	\$7,008	\$6,823
16	Month 9	Schedule 1, Ln 210	\$24,413	\$24,770	\$10,047	\$7,185	\$7,553	\$6,432	\$8,329	\$7,063
17	Month 10	Schedule 1, Ln 211	\$26,550	\$25,314	\$10,230	\$7,015	\$8,559	\$5,911	\$8,239	\$7,571
18	Month 11	Schedule 1, Ln 212	\$24,551	\$26,401	\$10,348	\$7,416	\$9,875	\$5,940	\$8,516	\$8,714
19	Month 12	Schedule 1, Ln 213	\$14,898	\$2,694	\$3,654	\$3,689	\$2,465	\$3,167	\$1,530	\$3,373
20	Average CWIP (Jul - Dec)	Average Lines 14 through 19	\$21,566	\$20,176	\$8,244	\$6,432	\$7,104	\$5,193	\$6,636	\$6,634
21	Equity AFUDC Additions (Jul - Dec)	Lines (((1 * 20) + 12 + 23) * 3) / 2.0	\$668	\$705	\$287	\$211	\$262	\$137	\$220	\$196
22	Debt AFUDC Additions (Jul - Dec)	Lines (((2 * 20) + 13 + 27) * 4) / 2.0	\$432	\$406	\$164	\$129	\$142	\$105	\$133	\$132
23	Equity AFUDC (BOY)	Prior Line 26	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	Equity AFUDC Additions	Lines (12 + 21)	\$1,123	\$1,246	\$437	\$353	\$435	\$246	\$358	\$287
25	Equity AFUDC Transfers to Rate Ba:	Lines (23 + 24))	\$1,123	\$1,246	\$437	\$353	\$435	\$246	\$358	\$287
26	Equity AFUDC (EOY)	Lines (23 + 24 - 25)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	Debt AFUDC (BOY)	Prior Line 30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	Debt AFUDC Additions	Line (13 + 22)	\$731	\$725	\$251	\$218	\$238	\$190	\$217	\$194
29	Debt AFUDC Transfers to Rate Base	Lines (27 + 28)	\$731	\$725	\$251	\$218	\$238	\$190	\$217	\$194
30	Debt AFUDC (EOY)	Lines (27 + 28 - 29)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Olympic Pipe Line Company
 AFUDC - Amortization
 (\$000's)

Exhibit No. 1.4(a)
 Schedule 9

Line No.	Description	Source	2003 EOY	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	Equity AFUDC Transfers to Rate Base	Schedule 8, Line 25		\$1,123	\$1,246	\$437	\$353	\$435	\$246	\$358	\$287	\$383
2	Accumulated Equity AFUDC	Cumulative Line 1	1/ \$5,073	\$6,196	\$7,443	\$7,879	\$8,232	\$8,668	\$8,914	\$9,272	\$9,559	\$9,942
3	Amortization Rate	Schedule 10, Line 9		2.40%	2.30%	2.29%	2.35%	2.31%	2.20%	2.31%	2.34%	2.32%
4	Amortization of Equity AFUDC	Lines (2 + 1 / 2.0) * 3		\$135	\$157	\$176	\$189	\$195	\$193	\$210	\$221	\$226
5	Accumulated Amortization of Equity AFUDC	Cumulative Line 4	2/ \$549	\$684	\$841	\$1,016	\$1,206	\$1,401	\$1,594	\$1,804	\$2,025	\$2,251
6	Net Equity AFUDC	Line (2 - 5)		\$5,512	\$6,602	\$6,863	\$7,027	\$7,267	\$7,320	\$7,468	\$7,534	\$7,691
7	Debt AFUDC Transfers to Rate Base	Schedule 8, Line 29		\$731	\$725	\$251	\$218	\$238	\$190	\$217	\$194	\$228
8	Accumulated Debt AFUDC	Cumulative Line 7	3/ \$3,170	\$3,902	\$4,626	\$4,878	\$5,095	\$5,333	\$5,523	\$5,740	\$5,934	\$6,162
9	Amortization Rate	Schedule 10, Line 9		2.40%	2.30%	2.29%	2.35%	2.31%	2.20%	2.31%	2.34%	2.32%
10	Amortization of Debt AFUDC	Lines (8 + 7 / 2.0) * 9		\$85	\$98	\$109	\$117	\$120	\$119	\$130	\$137	\$140
11	Accumulated Amortization of Debt AFUDC	Cumulative Line 10	4/ \$328	\$413	\$511	\$620	\$737	\$857	\$977	\$1,107	\$1,244	\$1,384
12	Net Debt AFUDC	Line (8 - 11)		\$3,489	\$4,116	\$4,258	\$4,358	\$4,476	\$4,546	\$4,634	\$4,690	\$4,778

1/ Year 1 = Schedule 1, Ln 32
 2/ Year 1 = Schedule 1, Ln 33
 3/ Year 1 = Schedule 1, Ln 34
 4/ Year 1 = Schedule 1, Ln 35

Olympic Pipe Line Company
 Amortization Rate
 (\$000's)

Exhibit No. 1.4(a)
 Schedule 10

Line No.	Description	Source	2003 EOY	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	Carrier Property in Service	Schedule 1, Line 10	\$157,553	\$175,512	\$194,763	\$203,458	\$210,830	\$219,560	\$204,133	\$214,202	\$220,995	\$228,025
2	Land	Schedule 1, Line 6	\$577	\$577	\$592	\$592	\$592	\$632	\$545	\$545	\$545	\$545
3	Depreciable Carrier Property in Service	Lines (1 - 2)	\$156,976	\$174,935	\$194,171	\$202,866	\$210,238	\$218,928	\$203,588	\$213,657	\$220,449	\$227,480
4	Depreciable Carrier Property in Service - Average	Ln (3 + Prior 3) / 2.0		\$165,955	\$184,553	\$198,518	\$206,552	\$214,583	\$211,258	\$208,622	\$217,053	\$223,965
5	Accumulated Depreciation of Carrier Property (EOY)	Schedule 1, Line 14		\$56,779	\$54,468	\$58,681	\$63,535	\$67,692	\$68,686	\$72,734	\$77,739	\$79,856
6	Net Depreciable Carrier Property in Service	Lines (3 - 5)		\$118,157	\$139,703	\$144,185	\$146,702	\$151,236	\$134,902	\$140,923	\$142,710	\$147,625
7	Carrier Depreciation Expense	Schedule 1, Line 15		\$3,988	\$4,240	\$4,552	\$4,856	\$4,957	\$4,640	\$4,819	\$5,090	\$5,195
8	Useful Life (Years)	Avg Line 3 / Line 7		41.6	43.5	43.6	42.5	43.3	45.5	43.3	42.6	43.1
9	Amortization Rate	1.0 / Line 8		2.40%	2.30%	2.29%	2.35%	2.31%	2.20%	2.31%	2.34%	2.32%

Line No.	Description	2003 EOY	2004	2005	2006	2007	2008	2009	2010	2011	2012																																																																																																																																																																																																																																																																																			
A	Year in Service	1	2	3	4	5	6	7	8	9	10																																																																																																																																																																																																																																																																																			
B	Federal Depreciation Factors (1987-present)	Schedule 1, Ln23	5.00%	9.50%	8.55%	7.70%	6.93%	6.23%	5.90%	5.90%	5.91%	5.90%																																																																																																																																																																																																																																																																																		
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Vintage Year</th> <th>Carrier Property Additions</th> <th>TEFRA Adjustment</th> <th>Debt AFUDC Additions</th> <th>Tax Depreciation Base</th> <th></th> </tr> <tr> <th>[A]</th> <th>[B]</th> <th>[C]</th> <th>[D]</th> <th>[E]</th> <th>[E] = [B]-[C]+[D]</th> </tr> <tr> <th></th> <th>Schedule 1, Lines (11 - 7)</th> <th>Schedule 13, Line 3</th> <th>Schedule 8, Line 29</th> <th></th> <th></th> </tr> </thead> <tbody> <tr><td>1</td><td>2003 EOY</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>1/</td><td>\$8,134</td><td>\$7,526</td><td>\$7,021</td><td>\$6,555</td><td>\$6,174</td><td>\$5,937</td><td>\$5,784</td><td>\$5,550</td><td>\$5,189</td></tr> <tr><td>2</td><td>2004</td><td>\$19,126</td><td>\$0</td><td>\$731</td><td>\$19,857</td><td></td><td>\$993</td><td>\$1,886</td><td>\$1,698</td><td>\$1,529</td><td>\$1,376</td><td>\$1,237</td><td>\$1,172</td><td>\$1,172</td><td>\$1,174</td></tr> <tr><td>3</td><td>2005</td><td>\$25,786</td><td>\$0</td><td>\$725</td><td>\$26,511</td><td></td><td>\$0</td><td>\$1,326</td><td>\$2,519</td><td>\$2,267</td><td>\$2,041</td><td>\$1,837</td><td>\$1,652</td><td>\$1,564</td><td>\$1,564</td></tr> <tr><td>4</td><td>2006</td><td>\$8,771</td><td>\$0</td><td>\$251</td><td>\$9,022</td><td></td><td>\$0</td><td>\$0</td><td>\$451</td><td>\$857</td><td>\$771</td><td>\$695</td><td>\$625</td><td>\$562</td><td>\$532</td></tr> <tr><td>5</td><td>2007</td><td>\$7,376</td><td>\$0</td><td>\$218</td><td>\$7,594</td><td></td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$380</td><td>\$721</td><td>\$649</td><td>\$585</td><td>\$526</td><td>\$473</td></tr> <tr><td>6</td><td>2008</td><td>\$9,491</td><td>\$0</td><td>\$238</td><td>\$9,729</td><td></td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$486</td><td>\$924</td><td>\$832</td><td>\$749</td><td>\$674</td><td>\$674</td></tr> <tr><td>7</td><td>2009</td><td>\$7,457</td><td>\$0</td><td>\$190</td><td>\$7,647</td><td></td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$382</td><td>\$726</td><td>\$654</td><td>\$589</td><td>\$589</td></tr> <tr><td>8</td><td>2010</td><td>\$10,879</td><td>\$0</td><td>\$217</td><td>\$11,097</td><td></td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$555</td><td>\$1,054</td><td>\$949</td><td>\$949</td></tr> <tr><td>9</td><td>2011</td><td>\$6,897</td><td>\$0</td><td>\$194</td><td>\$7,091</td><td></td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$355</td><td>\$674</td><td>\$674</td></tr> <tr><td>10</td><td>2012</td><td>\$10,109</td><td>\$0</td><td>\$228</td><td>\$10,337</td><td></td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$517</td><td>\$517</td></tr> <tr><td>11</td><td>2013</td><td>\$4,182</td><td>\$0</td><td>\$194</td><td>\$4,376</td><td></td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td></tr> <tr><td>12</td><td>2014</td><td>\$9,721</td><td>\$0</td><td>\$309</td><td>\$10,030</td><td></td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td></tr> <tr><td>13</td><td>2015</td><td>\$8,383</td><td>\$0</td><td>\$162</td><td>\$8,545</td><td></td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td></tr> <tr><td>14</td><td>2016</td><td>\$0</td><td>\$0</td><td>\$105</td><td>\$105</td><td></td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td></tr> <tr><td>15</td><td>2017</td><td>\$0</td><td>\$0</td><td>\$105</td><td>\$105</td><td></td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td></tr> <tr><td>16</td><td>2018</td><td>\$0</td><td>\$0</td><td>\$105</td><td>\$105</td><td></td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td></tr> </tbody> </table>	Vintage Year	Carrier Property Additions	TEFRA Adjustment	Debt AFUDC Additions	Tax Depreciation Base		[A]	[B]	[C]	[D]	[E]	[E] = [B]-[C]+[D]		Schedule 1, Lines (11 - 7)	Schedule 13, Line 3	Schedule 8, Line 29			1	2003 EOY	N/A	N/A	N/A	N/A	1/	\$8,134	\$7,526	\$7,021	\$6,555	\$6,174	\$5,937	\$5,784	\$5,550	\$5,189	2	2004	\$19,126	\$0	\$731	\$19,857		\$993	\$1,886	\$1,698	\$1,529	\$1,376	\$1,237	\$1,172	\$1,172	\$1,174	3	2005	\$25,786	\$0	\$725	\$26,511		\$0	\$1,326	\$2,519	\$2,267	\$2,041	\$1,837	\$1,652	\$1,564	\$1,564	4	2006	\$8,771	\$0	\$251	\$9,022		\$0	\$0	\$451	\$857	\$771	\$695	\$625	\$562	\$532	5	2007	\$7,376	\$0	\$218	\$7,594		\$0	\$0	\$0	\$380	\$721	\$649	\$585	\$526	\$473	6	2008	\$9,491	\$0	\$238	\$9,729		\$0	\$0	\$0	\$486	\$924	\$832	\$749	\$674	\$674	7	2009	\$7,457	\$0	\$190	\$7,647		\$0	\$0	\$0	\$0	\$382	\$726	\$654	\$589	\$589	8	2010	\$10,879	\$0	\$217	\$11,097		\$0	\$0	\$0	\$0	\$0	\$555	\$1,054	\$949	\$949	9	2011	\$6,897	\$0	\$194	\$7,091		\$0	\$0	\$0	\$0	\$0	\$0	\$355	\$674	\$674	10	2012	\$10,109	\$0	\$228	\$10,337		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$517	\$517	11	2013	\$4,182	\$0	\$194	\$4,376		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	12	2014	\$9,721	\$0	\$309	\$10,030		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	13	2015	\$8,383	\$0	\$162	\$8,545		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	14	2016	\$0	\$0	\$105	\$105		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	15	2017	\$0	\$0	\$105	\$105		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	16	2018	\$0	\$0	\$105	\$105		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0											
Vintage Year	Carrier Property Additions	TEFRA Adjustment	Debt AFUDC Additions	Tax Depreciation Base																																																																																																																																																																																																																																																																																										
[A]	[B]	[C]	[D]	[E]	[E] = [B]-[C]+[D]																																																																																																																																																																																																																																																																																									
	Schedule 1, Lines (11 - 7)	Schedule 13, Line 3	Schedule 8, Line 29																																																																																																																																																																																																																																																																																											
1	2003 EOY	N/A	N/A	N/A	N/A	1/	\$8,134	\$7,526	\$7,021	\$6,555	\$6,174	\$5,937	\$5,784	\$5,550	\$5,189																																																																																																																																																																																																																																																																															
2	2004	\$19,126	\$0	\$731	\$19,857		\$993	\$1,886	\$1,698	\$1,529	\$1,376	\$1,237	\$1,172	\$1,172	\$1,174																																																																																																																																																																																																																																																																															
3	2005	\$25,786	\$0	\$725	\$26,511		\$0	\$1,326	\$2,519	\$2,267	\$2,041	\$1,837	\$1,652	\$1,564	\$1,564																																																																																																																																																																																																																																																																															
4	2006	\$8,771	\$0	\$251	\$9,022		\$0	\$0	\$451	\$857	\$771	\$695	\$625	\$562	\$532																																																																																																																																																																																																																																																																															
5	2007	\$7,376	\$0	\$218	\$7,594		\$0	\$0	\$0	\$380	\$721	\$649	\$585	\$526	\$473																																																																																																																																																																																																																																																																															
6	2008	\$9,491	\$0	\$238	\$9,729		\$0	\$0	\$0	\$486	\$924	\$832	\$749	\$674	\$674																																																																																																																																																																																																																																																																															
7	2009	\$7,457	\$0	\$190	\$7,647		\$0	\$0	\$0	\$0	\$382	\$726	\$654	\$589	\$589																																																																																																																																																																																																																																																																															
8	2010	\$10,879	\$0	\$217	\$11,097		\$0	\$0	\$0	\$0	\$0	\$555	\$1,054	\$949	\$949																																																																																																																																																																																																																																																																															
9	2011	\$6,897	\$0	\$194	\$7,091		\$0	\$0	\$0	\$0	\$0	\$0	\$355	\$674	\$674																																																																																																																																																																																																																																																																															
10	2012	\$10,109	\$0	\$228	\$10,337		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$517	\$517																																																																																																																																																																																																																																																																															
11	2013	\$4,182	\$0	\$194	\$4,376		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																															
12	2014	\$9,721	\$0	\$309	\$10,030		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																															
13	2015	\$8,383	\$0	\$162	\$8,545		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																															
14	2016	\$0	\$0	\$105	\$105		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																															
15	2017	\$0	\$0	\$105	\$105		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																															
16	2018	\$0	\$0	\$105	\$105		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																															
17	Tax Depreciation		\$9,127	\$10,738	\$11,688	\$11,588	\$11,571	\$11,662	\$11,930	\$12,186	\$12,334																																																																																																																																																																																																																																																																																			
18	Bayview Tax Depreciation Adjustment	Schedule 1, Line42					0	(\$1,316)	(\$1,306)	(\$1,304)	(\$1,300)																																																																																																																																																																																																																																																																																			
19	Tax Depreciation Net of Bayview	Sum Line 17to 18	\$9,127	\$10,738	\$11,688	\$11,588	\$11,571	\$10,346	\$10,625	\$10,882	\$11,034																																																																																																																																																																																																																																																																																			
	Years = Schedule 1, Ln 41																																																																																																																																																																																																																																																																																													

1/ Tax Depreciation amounts for 2002 EOY are stipulated. These amounts are based on all tax depreciation amounts prior to Year 1.

Olympic Pipe Line Company
Accumulated Deferred Income Taxes
(\$000's)

Exhibit No. 1.4(a)
Schedule 12

Line No.	Description	Source	2003 EOY	2004	2005	2006	2007	2008	2009	2010	2011	2012	
1	Carrier Depreciation Expense	Schedule 1, Line 15		\$3,988	\$4,240	\$4,552	\$4,856	\$4,957	\$4,640	\$4,819	\$5,090	\$5,195	
2	Amortization of TEFRA Adjustment	Schedule 13, Line 6		\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	
3	Amortization of Debt AFUDC	Schedule 9, Line 10		\$85	\$98	\$109	\$117	\$120	\$119	\$130	\$137	\$140	
3	Carrier Depreciation Expense after TEFRA Adjustment including Amortization of Debt AFUDC	Lines (1 - 2 + 3)		\$4,071	\$4,337	\$4,659	\$4,972	\$5,076	\$4,757	\$4,948	\$5,225	\$5,333	
4	Federal Tax Depreciation	Schedule 11, Line 19		\$9,127	\$10,738	\$11,688	\$11,588	\$11,571	\$10,346	\$10,625	\$10,882	\$11,034	
5	Federal Tax Timing Differences	Line 4 - Line 3		\$5,056	\$6,401	\$7,029	\$6,616	\$6,495	\$5,588	\$5,677	\$5,657	\$5,701	
6	Federal Income Tax Rate	Schedule 1, Line 21		35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	
7	Deferred Income Tax Effect	Line 5 * Line 6		\$1,770	\$2,240	\$2,460	\$2,316	\$2,273	\$1,956	\$1,987	\$1,980	\$1,995	
8	Federal ADIT before Excess Deferred Income Tax Amortization Adjustment	Cumulative Line 7	1/	\$13,338	\$15,108	\$17,348	\$19,808	\$22,124	\$24,397	\$26,353	\$24,517	\$26,496	\$28,492
9	Accumulated Excess Deferred Income Tax Amortization	Schedule 14, Line 13	2/	\$973	\$1,028	\$1,080	\$1,132	\$1,186	\$1,239	\$1,289	\$1,342	\$1,395	\$1,448
10	Accumulated Deferred Income Tax adjustment for Bayview transfer to Non-Carrier Property	Schedule 1 Line 43							\$3,823				
11	Accumulated Deferred Income Taxes after Excess Deferred Income Tax Amortization & Bayview Adjustments	Lines 8 - 9 - 10		\$12,365	\$14,080	\$16,268	\$18,676	\$20,938	\$23,158	\$21,241	\$23,175	\$25,101	\$27,044

1/ Year 1 = Schedule 1, Ln 36

2/ Year 1 = Schedule 1, Ln 37

Olympic Pipe Line Company
TEFRA Adjustment to ADIT
(\$000's)

Exhibit No. 1.4(a)
Schedule 13

Line No.	Description	Source	2003 EOY	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	Additions to Depreciable Carrier Property	Schedule 1, Lines (11 - 7)		\$19,126	\$25,786	\$8,771	\$7,376	\$9,491	\$7,457	\$10,879	\$6,897	\$10,109
2	Tax Basis Reduction	Schedule 1, Line 24		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3	TEFRA Adjustment	Line 1 * Line 2		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Accumulated TEFRA Adjustment	Line 3 + Prior Line 4	1/	\$72	\$72	\$72	\$72	\$72	\$72	\$72	\$72	\$72
5	Amortization Rate	Schedule 10, Line 9		2.40%	2.30%	2.29%	2.35%	2.31%	2.20%	2.31%	2.34%	2.32%
6	Amortization of TEFRA Adjustment	Lines (4 + 3 / 2.0) * 5		\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2
7	Accumulated Amortization of TEFRA Adjustment	Cumulative Line 6	2/	\$33	\$35	\$37	\$38	\$40	\$42	\$43	\$45	\$48
8	Net Accumulated TEFRA Adjustment	Line 4 - Line 7		\$37	\$35	\$33	\$32	\$30	\$28	\$27	\$25	\$23

1/ Year 1 = Schedule 1, Ln 38

2/ Year 1 = Schedule 1, Ln 39

Olympic Pipe Line Company
 Excess Deferred Income Tax Amortization Adjustment to ADIT
 (\$000's)

Exhibit No. 1.4(a)
 Schedule 14

Line No.	Description	Source	2003 EOY	2004	2005	2006	2007	2008	2009	2010	2011	2012
A	Federal Tax Timing Differences	Schedule 12, Line 5		\$5,056	\$6,401	\$7,029	\$6,616	\$6,495	\$5,588	\$5,677	\$5,657	\$5,701
B	Federal Income Tax Rate	Schedule 1, Lie 21		35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%
C	Excess Deferred Income Tax Amortization Adjustment	Cum Ln A * Change Ln B	1/ \$2,281	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D	Amortization Rate	Schedule 10, Line 9		2.40%	2.30%	2.29%	2.35%	2.31%	2.20%	2.31%	2.34%	2.32%

Year	FASB 96/109 Adjustment
Line C	
1 2003 EOY	\$2,281
2 2004	\$0
3 2005	\$0
4 2006	\$0
5 2007	\$0
6 2008	\$0
7 2009	\$0
8 2010	\$0
9 2011	\$0
10 2012	\$0
11 2013	\$0
12 2014	\$0
13 2015	\$0
14 2016	\$0
15 2017	\$0
16 2018	\$0

12	Excess Deferred Income Tax Amortization Adjustment	Sum Ln (to 11)		\$55	\$52	\$52	\$54	\$53	\$50	\$53	\$53	\$53
13	Accumulated Excess Deferred Income Tax Amortization	Ln (12 + Prior 13)	2/ \$973	\$1,028	\$1,080	\$1,132	\$1,186	\$1,239	\$1,289	\$1,342	\$1,395	\$1,448

1/ Year 1 = Schedule 1, Ln 40

2/ Year 1 = Schedule 1, Ln 37

Line No.	Description	Source	2004	2005	2006	2007	2008	2009	2010	2011	Page 2 of 2 2012
78	FERNDALÉ to VANCOUVER	Non-Fungible WUTC Schedule 1 Ln 188	0.7085	0.7085	0.7612	1.0093	0.9773	0.9256	0.8405	0.8201	0.9447
Tariff Rates Based on Rate Adjustment Factor - Rates to be effective July 1 (\$/Bbl)											
79	ANACORTES to LINNTON	Fungible FERC Ln (3 * 4)	-	-	-	-	-	-	-	-	-
80	ANACORTES to LINNTON	Non-Fungible FERC Ln (3 * 5)	-	-	-	-	-	-	-	-	-
81	BAYVIEW to LINNTON	Fungible FERC Ln (3 * 6)	-	-	-	-	-	-	-	-	-
82	BAYVIEW to LINNTON	Non-Fungible FERC Ln (3 * 7)	-	-	-	-	-	-	-	-	-
83	CHERRY POINT to LINNTON	Fungible FERC Ln (3 * 8)	-	-	-	-	-	-	-	-	-
84	CHERRY POINT to LINNTON	Non-Fungible FERC Ln (3 * 9)	-	-	-	-	-	-	-	-	-
85	FERNDALÉ to LINNTON	Fungible FERC Ln (3 * 10)	-	-	-	-	-	-	-	-	-
86	FERNDALÉ to LINNTON	Non-Fungible FERC Ln (3 * 11)	-	-	-	-	-	-	-	-	-
87	ANACORTES to PORTLAND	Fungible FERC Ln (3 * 12)	-	-	-	-	-	-	-	-	-
88	ANACORTES to PORTLAND	Non-Fungible FERC Ln (3 * 13)	-	-	-	-	-	-	-	-	-
89	BAYVIEW to PORTLAND	Fungible FERC Ln (3 * 14)	-	-	-	-	-	-	-	-	-
90	BAYVIEW to PORTLAND	Non-Fungible FERC Ln (3 * 15)	-	-	-	-	-	-	-	-	-
91	CHERRY POINT to PORTLAND	Fungible FERC Ln (3 * 16)	-	-	-	-	-	-	-	-	-
92	CHERRY POINT to PORTLAND	Non-Fungible FERC Ln (3 * 17)	-	-	-	-	-	-	-	-	-
93	FERNDALÉ to PORTLAND	Fungible FERC Ln (3 * 18)	-	-	-	-	-	-	-	-	-
94	FERNDALÉ to PORTLAND	Non-Fungible FERC Ln (3 * 19)	-	-	-	-	-	-	-	-	-
95	ANACORTES to BAYVIEW	N/A WUTC Ln (3 * 20)	-	-	-	-	-	-	-	-	-
96	CHERRY POINT to BAYVIEW	N/A WUTC Ln (3 * 21)	-	-	-	-	-	-	-	-	-
97	FERNDALÉ to BAYVIEW	N/A WUTC Ln (3 * 22)	-	-	-	-	-	-	-	-	-
98	ANACORTES to RENTON	Fungible WUTC Ln (3 * 23)	-	-	-	-	-	-	-	-	-
99	ANACORTES to RENTON	Non-Fungible WUTC Ln (3 * 24)	-	-	-	-	-	-	-	-	-
100	BAYVIEW to RENTON	Fungible WUTC Ln (3 * 25)	-	-	-	-	-	-	-	-	-
101	BAYVIEW to RENTON	Non-Fungible WUTC Ln (3 * 26)	-	-	-	-	-	-	-	-	-
102	CHERRY POINT to RENTON	Fungible WUTC Ln (3 * 27)	-	-	-	-	-	-	-	-	-
103	CHERRY POINT to RENTON	Non-Fungible WUTC Ln (3 * 28)	-	-	-	-	-	-	-	-	-
104	FERNDALÉ to RENTON	Fungible WUTC Ln (3 * 29)	-	-	-	-	-	-	-	-	-
105	FERNDALÉ to RENTON	Non-Fungible WUTC Ln (3 * 30)	-	-	-	-	-	-	-	-	-
106	ANACORTES to SEA-TAC	Fungible WUTC Ln (3 * 31)	-	-	-	-	-	-	-	-	-
107	ANACORTES to SEA-TAC	Non-Fungible WUTC Ln (3 * 32)	-	-	-	-	-	-	-	-	-
108	BAYVIEW to SEA-TAC	Fungible WUTC Ln (3 * 33)	-	-	-	-	-	-	-	-	-
109	BAYVIEW to SEA-TAC	Non-Fungible WUTC Ln (3 * 34)	-	-	-	-	-	-	-	-	-
110	CHERRY POINT to SEA-TAC	Fungible WUTC Ln (3 * 35)	-	-	-	-	-	-	-	-	-
111	CHERRY POINT to SEA-TAC	Non-Fungible WUTC Ln (3 * 36)	-	-	-	-	-	-	-	-	-
112	FERNDALÉ to SEA-TAC	Fungible WUTC Ln (3 * 37)	-	-	-	-	-	-	-	-	-
113	FERNDALÉ to SEA-TAC	Non-Fungible WUTC Ln (3 * 38)	-	-	-	-	-	-	-	-	-
114	ANACORTES to SEATTLE	Fungible WUTC Ln (3 * 39)	-	-	-	-	-	-	-	-	-
115	ANACORTES to SEATTLE	Non-Fungible WUTC Ln (3 * 40)	-	-	-	-	-	-	-	-	-
116	BAYVIEW to SEATTLE	Fungible WUTC Ln (3 * 41)	-	-	-	-	-	-	-	-	-
117	BAYVIEW to SEATTLE	Non-Fungible WUTC Ln (3 * 42)	-	-	-	-	-	-	-	-	-
118	CHERRY POINT to SEATTLE	Fungible WUTC Ln (3 * 43)	-	-	-	-	-	-	-	-	-
119	CHERRY POINT to SEATTLE	Non-Fungible WUTC Ln (3 * 44)	-	-	-	-	-	-	-	-	-
120	FERNDALÉ to SEATTLE	Fungible WUTC Ln (3 * 45)	-	-	-	-	-	-	-	-	-
121	FERNDALÉ to SEATTLE	Non-Fungible WUTC Ln (3 * 46)	-	-	-	-	-	-	-	-	-
122	ANACORTES to SPANAWAY	Fungible WUTC Ln (3 * 47)	-	-	-	-	-	-	-	-	-
123	ANACORTES to SPANAWAY	Non-Fungible WUTC Ln (3 * 48)	-	-	-	-	-	-	-	-	-
124	BAYVIEW to SPANAWAY	Fungible WUTC Ln (3 * 49)	-	-	-	-	-	-	-	-	-
125	BAYVIEW to SPANAWAY	Non-Fungible WUTC Ln (3 * 50)	-	-	-	-	-	-	-	-	-
126	CHERRY POINT to SPANAWAY	Fungible WUTC Ln (3 * 51)	-	-	-	-	-	-	-	-	-
127	CHERRY POINT to SPANAWAY	Non-Fungible WUTC Ln (3 * 52)	-	-	-	-	-	-	-	-	-
128	FERNDALÉ to SPANAWAY	Fungible WUTC Ln (3 * 53)	-	-	-	-	-	-	-	-	-
129	FERNDALÉ to SPANAWAY	Non-Fungible WUTC Ln (3 * 54)	-	-	-	-	-	-	-	-	-
130	ANACORTES to TACOMA	Fungible WUTC Ln (3 * 55)	-	-	-	-	-	-	-	-	-
131	ANACORTES to TACOMA	Non-Fungible WUTC Ln (3 * 56)	-	-	-	-	-	-	-	-	-
132	BAYVIEW to TACOMA	Fungible WUTC Ln (3 * 57)	-	-	-	-	-	-	-	-	-
133	BAYVIEW to TACOMA	Non-Fungible WUTC Ln (3 * 58)	-	-	-	-	-	-	-	-	-
134	CHERRY POINT to TACOMA	Fungible WUTC Ln (3 * 59)	-	-	-	-	-	-	-	-	-
135	CHERRY POINT to TACOMA	Non-Fungible WUTC Ln (3 * 60)	-	-	-	-	-	-	-	-	-
136	FERNDALÉ to TACOMA	Fungible WUTC Ln (3 * 61)	-	-	-	-	-	-	-	-	-
137	FERNDALÉ to TACOMA	Non-Fungible WUTC Ln (3 * 62)	-	-	-	-	-	-	-	-	-
138	ANACORTES to OLYMPIA	Fungible WUTC Ln (3 * 63)	-	-	-	-	-	-	-	-	-
139	ANACORTES to OLYMPIA	Non-Fungible WUTC Ln (3 * 64)	-	-	-	-	-	-	-	-	-
140	BAYVIEW to OLYMPIA	Fungible WUTC Ln (3 * 65)	-	-	-	-	-	-	-	-	-
141	BAYVIEW to OLYMPIA	Non-Fungible WUTC Ln (3 * 66)	-	-	-	-	-	-	-	-	-
142	CHERRY POINT to OLYMPIA	Fungible WUTC Ln (3 * 67)	-	-	-	-	-	-	-	-	-
143	CHERRY POINT to OLYMPIA	Non-Fungible WUTC Ln (3 * 68)	-	-	-	-	-	-	-	-	-
144	FERNDALÉ to VANCOUVER	Fungible WUTC Ln (3 * 69)	-	-	-	-	-	-	-	-	-
145	FERNDALÉ to VANCOUVER	Non-Fungible WUTC Ln (3 * 70)	-	-	-	-	-	-	-	-	-
146	ANACORTES to VANCOUVER	Fungible WUTC Ln (3 * 71)	-	-	-	-	-	-	-	-	-
147	ANACORTES to VANCOUVER	Non-Fungible WUTC Ln (3 * 72)	-	-	-	-	-	-	-	-	-
148	BAYVIEW to VANCOUVER	Fungible WUTC Ln (3 * 73)	-	-	-	-	-	-	-	-	-
149	BAYVIEW to VANCOUVER	Non-Fungible WUTC Ln (3 * 74)	-	-	-	-	-	-	-	-	-
150	CHERRY POINT to VANCOUVER	Fungible WUTC Ln (3 * 75)	-	-	-	-	-	-	-	-	-
151	CHERRY POINT to VANCOUVER	Non-Fungible WUTC Ln (3 * 76)	-	-	-	-	-	-	-	-	-
152	FERNDALÉ to VANCOUVER	Fungible WUTC Ln (3 * 77)	-	-	-	-	-	-	-	-	-
153	FERNDALÉ to VANCOUVER	Non-Fungible WUTC Ln (3 * 78)	-	-	-	-	-	-	-	-	-

1/ Year 1 amount is stipulated.

Line No	Description	Source	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	Throughput Adjuster - Threshold	Schedule 1, Ln 5	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
2	Volume (000 bbls) - 12 mth Rolling Average - Quarter 1	Schedule 1, Ln 99	106,301	105,857	104,887	104,114	104,362	103,600	99,829	98,190	98,590
3	Volume (000 bbls) - 12 mth Rolling Average - Quarter 2	Schedule 1, Ln 100	105,472	105,521	106,032	103,887	105,418	101,470	99,086	98,236	97,925
4	Volume (000 bbls) - 12 mth Rolling Average - Quarter 3	Schedule 1, Ln 101	106,266	103,355	106,065	103,530	107,036	100,638	97,883	100,196	97,845
5	Volume (000 bbls) - 12 mth Rolling Average - Quarter 4	Schedule 1, Ln 102	105,961	104,055	104,885	104,230	105,295	102,427	97,528	100,174	97,252
	Volume (000 bbls) - 12 mth Rolling Average - Changes from Prior - Quarter 1	1/		1,802	2	(116)	(933)	1,173	2,301	(1,984)	1,338
	Volume (000 bbls) - 12 mth Rolling Average - Changes from Prior - Quarter 2	2/		1,466	1,147	(343)	123	(956)	(743)	(1,937)	673
	Volume (000 bbls) - 12 mth Rolling Average - Changes from Prior - Quarter 3	3/	305	(700)	1,180	(700)	1,741	(1,789)	(1,945)	23	593
	Volume (000 bbls) - 12 mth Rolling Average - Changes from Prior - Quarter 4	4/	0	0	0	0	0	0	(2,301)	0	0
	Volume (000 bbls) - 12 mth Rolling Average - Percentage Changes from Prior - Quarter 1	5/		1.73%	0.00%	-0.11%	-0.89%	1.14%	2.36%	-1.98%	1.38%
	Volume (000 bbls) - 12 mth Rolling Average - Percentage Changes from Prior - Quarter 2	6/		1.41%	1.09%	-0.33%	0.12%	-0.93%	-0.74%	-1.93%	0.69%
	Volume (000 bbls) - 12 mth Rolling Average - Percentage Changes from Prior - Quarter 3	7/	0.29%	-0.67%	1.13%	-0.67%	1.65%	-1.75%	-1.95%	0.02%	0.61%
	Volume (000 bbls) - 12 mth Rolling Average - Percentage Changes from Prior - Quarter 4	8/	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-2.30%	0.00%	0.00%
14	Rate Adjustment Factor - Quarter 1	9/	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	97.64%	100.00%	100.00%
15	Rate Adjustment Factor - Quarter 2	10/	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
16	Rate Adjustment Factor - Quarter 3	11/	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
17	Rate Adjustment Factor - Quarter 4	12/	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Olympic Pipe Line Company

Workpapers

Index

Workpapers

Workpaper Descriptions

Workpaper 1	Summary of Carrier Property Activity, Depreciation Expense and Working Capital - 2014
Workpaper 2	Summary of Monthly CWIP - 2014
Workpaper 3	Summary of Tariff Year Data: Operating Expenses, Revenues, and Project Expenses - 2014
Workpaper 4	Summary of Tariff Year Data: Transitions Costs - 2014
Workpaper 5	Operating Expenses - 2014
Workpaper 6	Project Expenses - 2014
Workpaper 7	Revenues

Olympic Pipe Line Company
Summary of Carrier Property Activity, Depreciation Expense and Working Capital - 2014
\$ 000's

Workpaper 1

Data Item	Source	Year 2004	Year 2005	Year 2006	Year 2007	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
A. Carrier Property Form 6 Pages 212 - 213										
<u>Annual Activities</u>										
1 Land Additions	Company Records 1/	\$0	\$15	\$0	\$0	\$40	\$0	\$0	\$0	\$0
2 Land Retirements	Company Records 1/	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3 Land Adjustments and Transfers	Company Records 1/	\$0	\$0	\$0	\$0	\$0	(\$87)	\$0	\$0	\$0
4 Total Carrier Property Additions	Company Records 1/ 2/	\$19,126	\$25,801	\$8,771	\$7,376	\$9,531	\$7,457	\$10,879	\$6,897	\$10,109
5 Total Carrier Property Retirements	Company Records 1/ 2/	\$0	(\$6,550)	(\$339)	(\$4)	(\$801)	(\$40)	(\$740)	(\$94)	(\$3,078)
6 Total Carrier Property Adjustments and Transfers	Company Records 1/	(\$1,166)	\$0	\$263	\$0	\$0	(\$22,844)	(\$70)	(\$10)	\$0
B. Depreciation of Carrier Property Form 6 Pages 216 - 217										
<u>Annual Activities</u>										
7 Total Carrier Depreciation Expense	Company Records 1/	\$3,988	\$4,240	\$4,552	\$4,856	\$4,957	\$4,640	\$4,819	\$5,090	\$5,195
8 Total Carrier Depreciation Retirements	Company Records 1/	(\$1,166)	(\$6,550)	(\$339)	(\$4)	(\$801)	(\$40)	(\$740)	(\$78)	(\$3,078)
9 Total Carrier Depreciation Adjustments	Company Records 1/	\$0	\$0	\$0	\$2	\$0	(\$3,605)	(\$31)	(\$6)	\$0
C Working Capital EOY Balances Form 6 Pages 110 - 113										
10 Oil Inventories	Company Records 1/	\$346	\$537	\$730	\$1,001	\$632	\$1,229	\$1,446	\$1,016	\$1,441
11 Materials & Supplies	Company Records 1/	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12 Prepayments	Company Records 1/	\$1,895	\$2,321	\$2,755	\$1,682	\$2,214	\$2,325	\$1,655	\$2,087	\$2,922

1/ Data based on FERC Form 6

2/ No additions or retirements are assumed for the current year

Olympic Pipe Line Company
 Summary of Monthly CWIP - 2014
 \$ 000's

Workpaper 2

No.	Description	Source	2004	2005	2006	2007	2008	2009	2010	2011	2012
	Monthly Inputs										
	Monthly Change in CWIP (Excluding Capitalized Interest)										
1	January	Company Records	(\$66)	(\$8)	\$201	\$15	\$1,028	\$2,053	(\$33)	\$365	\$501
2	February	Company Records	\$543	\$139	\$201	(\$85)	(\$440)	(\$180)	\$421	\$168	\$686
3	March	Company Records	\$2,623	\$885	\$1,097	\$759	\$174	(\$628)	\$497	\$327	\$546
4	April	Company Records	\$152	(\$233)	\$179	\$390	\$323	\$190	\$209	\$437	\$510
5	May	Company Records	(\$774)	\$1,232	\$1,258	\$455	\$840	\$294	\$1,240	\$1,044	\$1,113
6	June	Company Records	\$3,216	\$2,753	\$984	\$600	\$41	\$1,292	\$83	\$2,086	(\$1,039)
7	July	Company Records	\$26	\$347	\$516	\$993	\$804	(\$498)	\$614	\$302	\$1,176
8	August	Company Records	\$1,839	\$1,849	\$927	(\$273)	\$1,255	(\$267)	\$811	\$565	\$711
9	September	Company Records	\$4,002	\$2,907	\$1,990	\$678	(\$161)	\$1,711	\$1,321	\$240	(\$1,143)
10	October	Company Records	\$2,138	\$544	\$183	(\$170)	\$1,006	(\$521)	(\$90)	\$508	\$800
11	November	Company Records	(\$1,999)	\$1,087	\$117	\$401	\$1,316	\$29	\$278	\$1,142	(\$1,024)
12	December	Company Records	(\$9,654)	(\$23,708)	(\$6,694)	(\$3,726)	(\$7,410)	(\$2,773)	(\$6,987)	(\$5,340)	(\$3,290)

Olympic Pipe Line Company
 Summary of Tariff Year Data: Operating Expenses, Revenues, and Project Expenses - 2014
 \$ 000's

		Page 1 of 2
Data Item	Source	2014
Operating Expenses by FERC Account		
Excluding Transition Costs and Whatcom Creek		
<u>Operations</u>		
1 Salaries and Wages	Workpaper 5	\$0
2 Supplies and Expenses	Workpaper 5	\$2,510
3 Outside Services	Workpaper 5	\$21,248
4 Operating Fuel and Power	Workpaper 5	\$9,803
5 Oil Losses and Shortages	Workpaper 5	\$0
6 Rentals	Workpaper 5	\$131
7 Other Expenses	Workpaper 5	\$242
<u>General</u>		
8 Salaries and Wages	Workpaper 5	\$0
9 Supplies and Expenses	Workpaper 5	\$717
10 Outside Services	Workpaper 5	\$6,531
11 Rentals	Workpaper 5	\$246
12 Depreciation and Amortization	Workpaper 5	\$0
13 Depreciation Asset Retirement Obligations	Workpaper 5	\$0
14 Pensions and Benefits	Workpaper 5	\$2,778
15 Insurance	Workpaper 5	\$0
16 Casualty and Other Losses	Workpaper 5	\$0
17 Pipeline Taxes	Workpaper 5	\$2,849
18 Other Expenses	Workpaper 5	\$423
19 Total Operating Expenses		\$47,478

Summary of Tariff Year Data: Operating Expenses, Revenues, and Project Expenses - 2014

\$ 000's

		Page 2 of 2
Data Item	Source	2014
Project Expenses by FERC Account		
Excluding Transition Costs and Whatcom Creek		
<u>Operations</u>		
20 Salaries and Wages	Workpaper 6	\$0
21 Supplies and Expenses	Workpaper 6	\$0
22 Outside Services	Workpaper 6	\$10,989
23 Operating Fuel and Power	Workpaper 6	\$0
24 Oil Losses and Shortages	Workpaper 6	\$0
25 Rentals	Workpaper 6	\$0
26 Other Expenses	Workpaper 6	\$0
<u>General</u>		
27 Salaries and Wages	Workpaper 6	\$0
28 Supplies and Expenses	Workpaper 6	\$0
29 Outside Services	Workpaper 6	\$0
30 Rentals	Workpaper 6	\$0
31 Depreciation and Amortization	Workpaper 6	\$0
32 Pensions and Benefits	Workpaper 6	\$0
33 Insurance	Workpaper 6	\$0
34 Casualty and Other Losses	Workpaper 6	\$0
35 Pipeline Taxes	Workpaper 6	\$0
36 Other Expenses	Workpaper 6	\$0
37 Total Project Expenses		\$10,989

Olympic Pipe Line Company
 Transition Costs
 \$ 000's

Data Item	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
1 Transition Cost - Rate Litigation	Company Records	\$2,126	\$21	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Transition Cost - Bankruptcy	Company Records	\$1,725	\$1,871	\$116	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Excluding Project Expenses, Transition Costs, Bankruptcy Costs and Whatcom Creek

Operating Expenses by FERC Account **610**
Excluding Transition Costs, Bankruptcy Costs and Whatcom Creek

		Ledger Balance December 31, 2014	Adjustment - Environmental Provision (non- cash) # 1	Adjustment - Pension Funding (non-cash) # 2	2014 Audit Adjustment # 3	2013 Audit Adjustment - Reversal # 4	ROW Maintenance Costs From Projects # 5	Other # 6	Total	
<u>Operations</u>										
1	Salaries and Wages	300								
2	Supplies and Expenses	310							2,510,106	
3	Outside Services	320			(107,520)		1,159,862		10,259,179	
4	Operating Fuel and Power	330			(287,392)	191,495			9,802,850	
5	Oil Losses and Shortages	340						16,591	0	
6	Rentals	350							131,059	
7	Other Expenses	390				(191,264)			242,267	
<u>General</u>										
8	Salaries and Wages	500							0	
9	Supplies and Expenses	510							716,544	
10	Outside Services	520	(333,000)	355,220					6,530,857	
11	Rentals	530							246,376	
12	Depreciation and Amortization	540						(5,397,372)	0	
13	Depreciation Asset Retirement Obligations	541							0	
14	Pensions and Benefits	550							2,777,776	
15	Insurance	560							0	
16	Casualty and Other Losses	570							0	
17	Pipeline Taxes	580							2,849,262	
18	Other Expenses	590							422,913	
19	Asset Retirement Obligation Accretion Expense	591							0	
20	Gain / Loss Asset Retirement Obligations	592							0	
21	Total Operating Expenses	Total	\$ 41,082,568	(333,000)	355,220	(394,912)	231	1,159,862	(5,380,781)	36,489,188

Project Expenses by FERC Account 610
Excluding Transition Costs, Bankruptcy Costs and Whatcom Creek

		Adjustment 1	Adjustment 2	Adjustment 3	Adjustment 4				
	2014	Bellingham (Whatcom Creek) Remediation	ROW Maintenance (move to Op Ex)	Bayview Non Carrier	2014 Audit Adjustments	2014 Audit Adjustments Reversal	2014 Adjusted		
<u>Operations</u>									
1	Salaries and Wages	300					\$0		
2	Supplies and Expenses	310					\$0		
3	Outside Services	320	\$ 12,456,871	(\$64,435)	(\$1,159,862)	(\$329,509)	\$86,000	\$ 10,989,065	
4	Operating Fuel and Power	330	\$0				\$0		
5	Oil Losses and Shortages	340	\$0				\$0		
6	Rentals	350	\$0				\$0		
7	Other Expenses	390	\$0				\$0		
<u>General</u>									
8	Salaries and Wages	500	\$0				\$0		
9	Supplies and Expenses	510	\$0				\$0		
10	Outside Services	520	\$0				\$0		
11	Rentals	530	\$0				\$0		
12	Depreciation and Amortization	540	\$0				\$0		
13	Pensions and Benefits	550	\$0				\$0		
14	Insurance	560	\$0				\$0		
15	Casualty and Other Losses	570	\$0				\$0		
16	Pipeline Taxes	580	\$0				\$0		
17	Other Expenses	590	\$0				\$0		
	Total		\$12,456,871	(\$64,435)	(\$1,159,862)	(\$329,509)	\$86,000	\$0	\$10,989,065

Olympic Pipe Line Company
Revenues

Workpaper 7

Data Item	FERC Account	2007	2008	2009	2010	2011	2012
Revenues	600						
1 Gathering Revenues	200	\$0	\$0	\$0	\$0	\$0	\$0
2 Trunk Revenues	210	\$76,761	\$77,072	\$62,411	\$57,026	\$62,723	\$69,930
3 Delivery Revenues	220	\$0	\$0	\$0	\$0	\$0	\$0
4 Allowance of Oil Revenue	230	\$0	\$0	\$0	\$0	\$0	\$0
5 Storage and Demurrage Revenue	240	\$0	\$0	\$0	\$0	\$0	\$0
6 Rental Revenue	250	\$0	\$0	\$0	\$0	\$0	\$0
7 Incidental Revenue	260	\$3,609	\$1,071	\$571	\$442	\$409	\$434
8 Total		\$80,369	\$78,143	\$62,983	\$57,468	\$63,132	\$70,364