

**Appendix A
Puget Sound Energy
Rule 7 and Schedule 7 Line Extension Rate Analysis**

Study Period: January 1, 2014 - December 31, 2014

Category	2014 - 2013				Final Sample Size	Population Size	Tariff Sheet	2014 - Tariff		
	Jan-Dec 2013 Cost Study Results	Jan-Dec 2014 Cost Study Results	\$ Variance	% Change				Current Tariff Rate	\$ Variance	% Change
Gas Main - PSE provided trench \$/ft.	\$ 86.26	\$ 88.37	\$2.11	2.45%	199	252	107-D, 1	\$42.78	\$45.59	106.56%
Gas Main - Customer provided trench \$/ft.	\$19.93	\$21.40	\$1.46	7.33%	48	56	107-D, 1	\$15.29	\$6.11	39.93%
Gas Service - PSE provided trench	\$5,378.90	\$5,754.31	\$375.41	6.98%	57	2,810	107-D, 2a	\$3,479.00	\$2,275.31	65.40%
Gas Service - PSE provided trench to stub, Customer provided trench for Extension	\$3,505.82	\$3,684.13	\$178.31	5.09%	N/A		107-D, 2a	\$2,341.00	\$1,343.13	57.37%
Gas Service - Customer provided trench	\$1,090.27	\$1,043.36	-\$46.92	-4.30%	50	6,293	107-D, 2a	\$841.00	\$202.36	24.06%
Gas Service - Twin Service	\$2,556.15	\$2,518.52	-\$37.62	-1.47%	19	119	107-D, 2a	\$1,887.00	\$631.52	33.47%
Commercial Gas Service Base Cost	\$5,246.38	\$5,942.50	\$696.11	13.27%	293	404	107-D, 2b	\$3,722.00	\$2,220.50	59.66%
Commercial Gas Service - PSE provided trench \$/ft.	\$104.84	\$105.70	\$0.85	0.81%			107-D, 2b	\$46.45	\$59.25	127.55%
Commercial Gas Service - Customer provided trench \$/ft.	\$54.19	\$56.08	\$1.89	3.50%			107-D, 2b	\$28.81	\$27.27	94.66%
Altered Residential Service 0'-10' - PSE provided trench	\$1,922.00	\$1,734.00	-\$188.00	-9.78%	62	97	107-F, 4a	\$1,622.00	\$112.00	6.91%
Altered Residential Service 0'-10' - Customer provided trench	\$1,405.00	\$1,297.00	-\$108.00	-7.69%			107-F, 4a	\$1,221.00	\$76.00	6.22%
Altered Residential Service 11'-25' - PSE provided trench	\$2,533.00	\$2,154.00	-\$379.00	-14.96%	70	89	107-F, 4a	\$1,622.00	\$532.00	32.80%
Altered Residential Service 11'-25' - Customer provided trench	\$1,772.00	\$1,512.00	-\$260.00	-14.67%			107-F, 4a	\$1,221.00	\$291.00	23.83%
Altered Residential Service greater than 25' - PSE provided trench \$/ft.	\$18.22	\$33.24	\$15.02	82.44%	62	576	107-F, 4a	\$32.26	\$0.98	3.04%
Altered Residential Service greater than 25' - Customer provided trench \$/ft.	\$12.94	\$30.38	\$17.44	134.78%			107-F, 4a	\$31.09	-\$0.71	-2.28%

Other Data

Category	Min Average	Max Average	Average
Gas Main - PSE provided trench \$/ft.	\$61.82	\$415.03	\$88.37
Gas Main - Customer provided trench \$/ft.	\$17.33	\$30.75	\$21.40
Gas Service - PSE provided trench	\$4,389.15	\$7,724.02	\$5,754.31
Gas Service - Customer provided trench	\$859.28	\$1,681.58	\$1,043.36
Gas Service - Twin Service	\$2,058.84	\$3,249.49	\$2,518.52