

Exh. JLB-5r
Dockets UE-170033/UG-170034
Witness: Jason L. Ball

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY,

Respondent.

**DOCKETS UE-170033 and
UG-170034 (*Consolidated*)**

**EXHIBIT TO
TESTIMONY OF**

Jason L. Ball

**STAFF OF
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION**

Bill Impact of Increased Basic Charge

**June 30, 2017
Revised August 22, 2017**

**Puget Sound Energy
 Monthly Billing Comparison
 Electric Service - Schedule 7
 Residential Service - Summer**

kWh	%	Monthly Energy Charge ¹			
		Present	Proposed	Change	
Customers		\$		\$	%
0	0.57%	\$7.87	\$10.88	\$3.01	38.25%
35	0.57%	\$11.13	\$13.88	\$2.75	24.71%
60	0.44%	\$13.46	\$16.02	\$2.56	19.02%
100	1.10%	\$17.19	\$19.45	\$2.26	13.15%
150	1.49%	\$21.85	\$23.73	\$1.88	8.60%
200	2.05%	\$26.50	\$28.01	\$1.51	5.70%
300	6.34%	\$35.82	\$36.58	\$0.76	2.12%
400	8.94%	\$45.14	\$45.14	\$0.00	0.00%
500	10.26%	\$54.46	\$53.71	(\$0.75)	-1.38%
600	10.26%	\$63.77	\$62.27	(\$1.50)	-2.35%
700	9.35%	\$74.97	\$72.27	(\$2.70)	-3.60%
800	8.08%	\$86.17	\$82.26	(\$3.91)	-4.54%
900 *	6.76%	\$97.37	\$92.25	(\$5.12)	-5.26%
1,000	5.61%	\$108.57	\$102.25	(\$6.32)	-5.82%
1,100	4.61%	\$119.77	\$112.24	(\$7.53)	-6.29%
1,200	3.78%	\$130.97	\$122.23	(\$8.74)	-6.67%
1,300	3.09%	\$142.17	\$132.23	(\$9.94)	-6.99%
1,400	2.55%	\$153.37	\$142.22	(\$11.15)	-7.27%
1,600	3.88%	\$175.77	\$162.21	(\$13.56)	-7.71%
2,000	4.66%	\$220.57	\$202.18	(\$18.39)	-8.34%
2,500	2.85%	\$276.57	\$252.15	(\$24.42)	-8.83%
3,000	1.36%	\$332.57	\$302.12	(\$30.45)	-9.16%
4,000	1.02%	\$444.56	\$402.05	(\$42.51)	-9.56%
5,000	0.30%	\$556.56	\$501.99	(\$54.57)	-9.80%
>5000	0.26%				

Notes:

* Average PSE Customer

¹ Includes Rider Schedules 95, 95A, 120, 129, 132, 137, 140, 141, 142 and 194

**Puget Sound Energy
 Monthly Billing Comparison
 Electric Service - Schedule 7
 Residential Service - Winter**

kWh	%	Monthly Energy Charge ¹				
		Customers	Present	Proposed	Change	
					\$	%
0	0.57%	\$7.87	\$10.88	\$3.01	38.25%	
35	0.57%	\$11.13	\$13.88	\$2.75	24.71%	
60	0.44%	\$13.46	\$16.02	\$2.56	19.02%	
100	1.10%	\$17.19	\$19.45	\$2.26	13.15%	
150	1.49%	\$21.85	\$23.73	\$1.88	8.60%	
200	2.05%	\$26.50	\$28.01	\$1.51	5.70%	
300	6.34%	\$35.82	\$36.58	\$0.76	2.12%	
400	8.94%	\$45.14	\$45.14	\$0.00	0.00%	
500	10.26%	\$54.46	\$53.71	(\$0.75)	-1.38%	
600	10.26%	\$63.77	\$62.27	(\$1.50)	-2.35%	
700	9.35%	\$74.97	\$73.49	(\$1.48)	-1.97%	
800	8.08%	\$86.17	\$84.70	(\$1.47)	-1.71%	
900 *	6.76%	\$97.37	\$95.92	(\$1.45)	-1.49%	
1,000	5.61%	\$108.57	\$107.13	(\$1.44)	-1.33%	
1,100	4.61%	\$119.77	\$118.34	(\$1.43)	-1.19%	
1,200	3.78%	\$130.97	\$129.56	(\$1.41)	-1.08%	
1,300	3.09%	\$142.17	\$140.77	(\$1.40)	-0.98%	
1,400	2.55%	\$153.37	\$151.99	(\$1.38)	-0.90%	
1,600	3.88%	\$175.77	\$174.42	(\$1.35)	-0.77%	
2,000	4.66%	\$220.57	\$219.27	(\$1.30)	-0.59%	
2,500	2.85%	\$276.57	\$275.35	(\$1.22)	-0.44%	
3,000	1.36%	\$332.57	\$331.42	(\$1.15)	-0.35%	
4,000	1.02%	\$444.56	\$443.56	(\$1.00)	-0.22%	
5,000	0.30%	\$556.56	\$555.71	(\$0.85)	-0.15%	
>5000	0.26%					

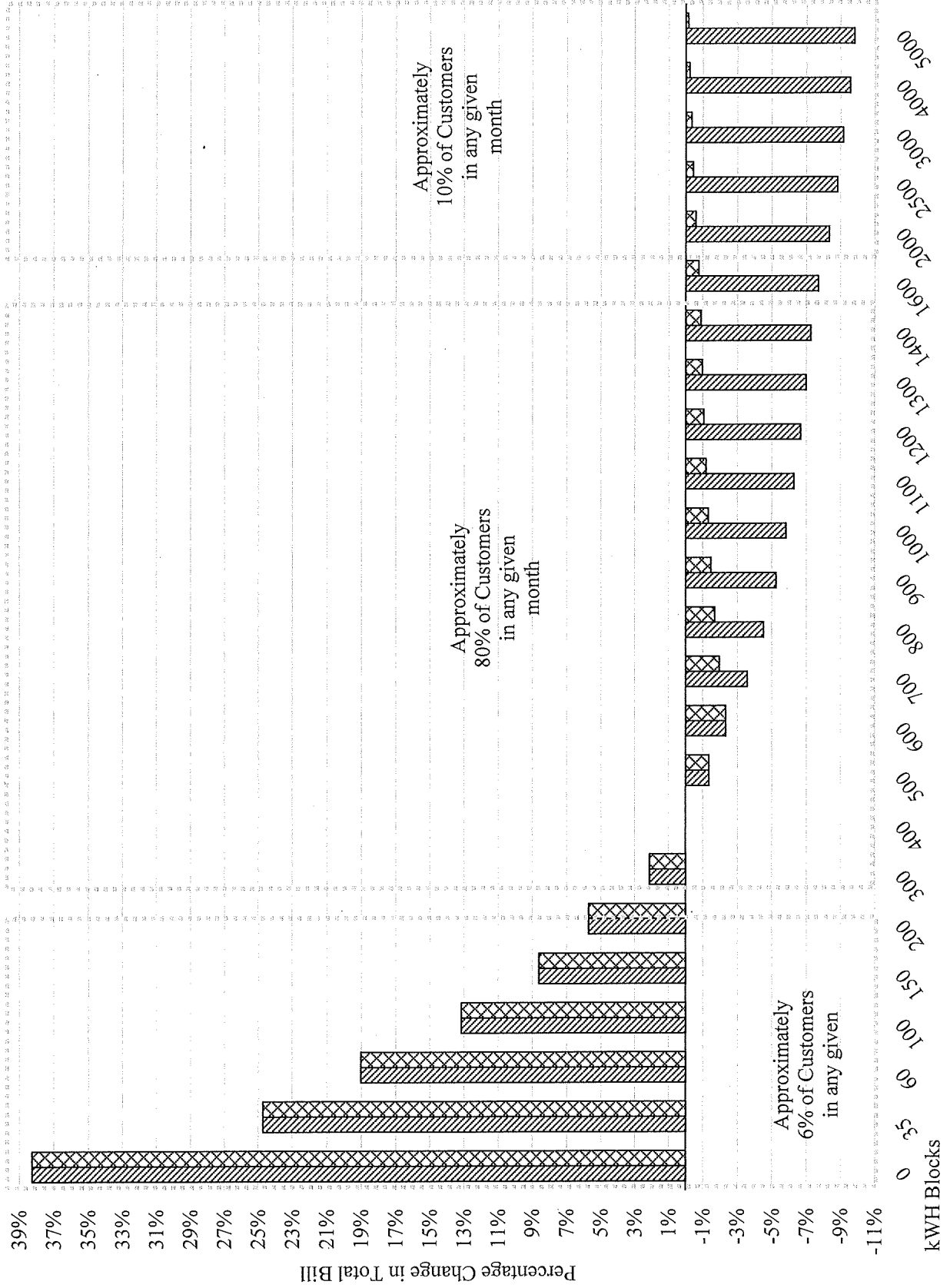
Notes:

* Average PSE Customer

¹ Includes Rider Schedules 95, 95A, 120, 129, 132, 137, 140, 141, 142 and 194

Electric Service Bill Impacts - Full Basic Charge

▣ Percent Change in Summer Bill ▣ Percent Change in Winter Bill



**Puget Sound Energy
 Monthly Billing Comparison
 Staff Electric Low Income Analysis
 Residential Service - Summer**

kWh	%	Monthly Energy Charge ¹				
		Customers	Present	Proposed	Change	
					\$	%
0	0.05%	\$7.87	\$10.88	\$3.01	38.25%	
35	0.55%	\$11.13	\$13.79	\$2.66	23.90%	
60	0.53%	\$13.46	\$15.86	\$2.40	17.83%	
100	1.27%	\$17.19	\$19.18	\$1.99	11.58%	
200	4.87%	\$26.50	\$27.49	\$0.99	3.74%	
300	7.62%	\$35.82	\$35.79	(\$0.03)	-0.08%	
400	9.37%	\$45.14	\$44.09	(\$1.05)	-2.33%	
500	10.00%	\$54.46	\$52.40	(\$2.06)	-3.78%	
600	9.66%	\$63.77	\$60.70	(\$3.07)	-4.81%	
700	8.82%	\$74.97	\$70.70	(\$4.27)	-5.70%	
800	7.72%	\$86.17	\$80.69	(\$5.48)	-6.36%	
900 *	6.55%	\$97.37	\$90.68	(\$6.69)	-6.87%	
1,000	5.49%	\$108.57	\$100.68	(\$7.89)	-7.27%	
1,100	4.56%	\$119.77	\$110.67	(\$9.10)	-7.60%	
1,200	3.78%	\$130.97	\$120.66	(\$10.31)	-7.87%	
1,300	3.12%	\$142.17	\$130.66	(\$11.51)	-8.10%	
1,400	2.54%	\$153.37	\$140.65	(\$12.72)	-8.29%	
1,600	3.84%	\$175.77	\$160.64	(\$15.13)	-8.61%	
2,000	4.59%	\$220.57	\$200.61	(\$19.96)	-9.05%	
2,500	2.64%	\$276.57	\$250.58	(\$25.99)	-9.40%	
3,000	1.18%	\$332.57	\$300.55	(\$32.02)	-9.63%	
3,500	0.55%	\$388.56	\$350.52	(\$38.04)	-9.79%	
>3500	0.71%					

Notes:

* Average PSE Customer

¹ Includes Rider Schedules 95, 95A, 120, 129, 132, 137, 140, 141, 142 and 194

Puget Sound Energy
Monthly Billing Comparison
Staff Electric Low Income Analysis
Residential Service - Winter

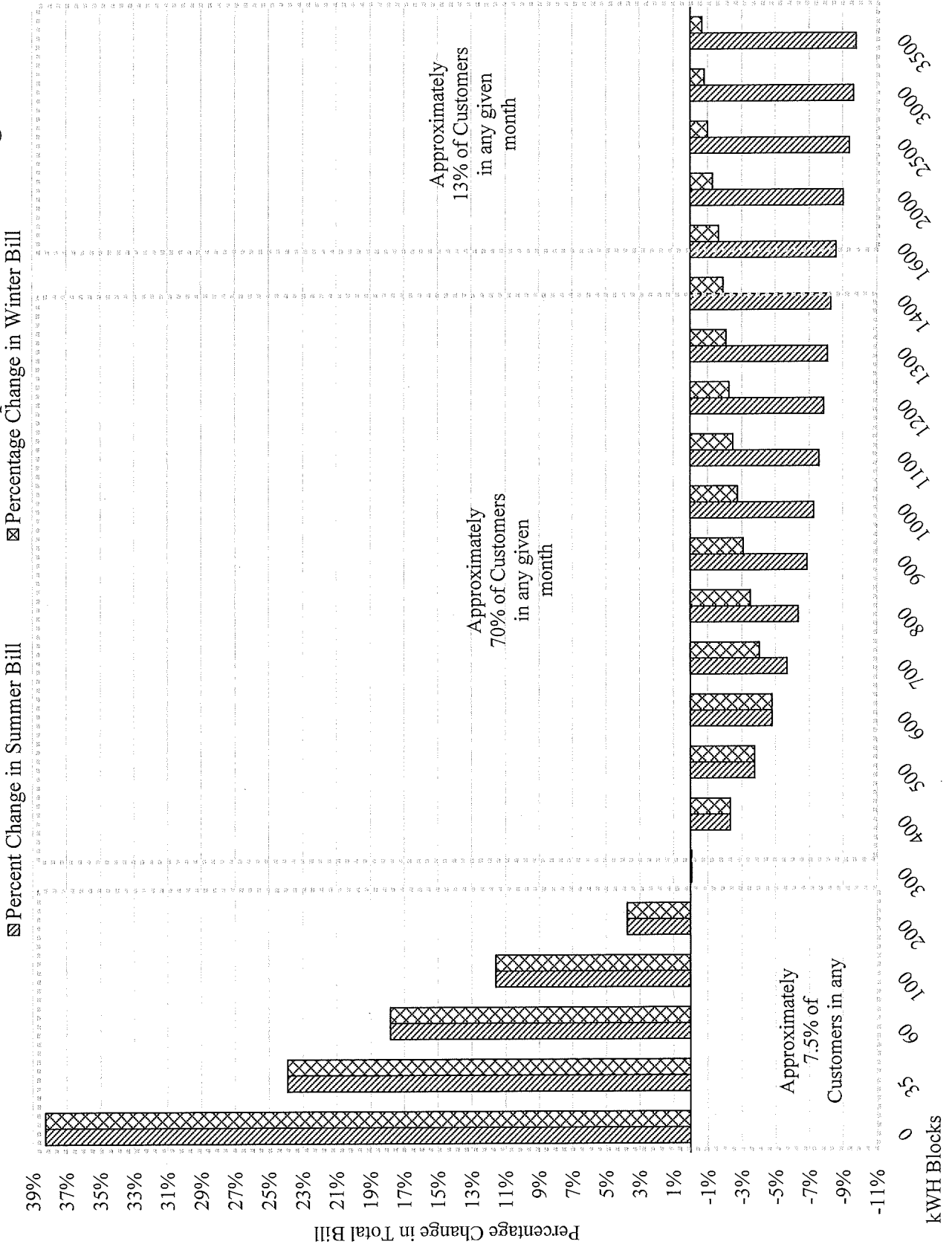
kWh	%	Monthly Energy Charge ¹				
		Customers	Present	Proposed	Change	
					\$	%
0	0.05%	\$7.87	\$10.88	\$3.01	38.25%	
35	0.55%	\$11.13	\$13.79	\$2.66	23.90%	
60	0.53%	\$13.46	\$15.86	\$2.40	17.83%	
100	1.27%	\$17.19	\$19.18	\$1.99	11.58%	
200	4.87%	\$26.50	\$27.49	\$0.99	3.74%	
300	7.62%	\$35.82	\$35.79	(\$0.03)	-0.08%	
400	9.37%	\$45.14	\$44.09	(\$1.05)	-2.33%	
500	10.00%	\$54.46	\$52.40	(\$2.06)	-3.78%	
600	9.66%	\$63.77	\$60.70	(\$3.07)	-4.81%	
700	8.82%	\$74.97	\$71.92	(\$3.05)	-4.07%	
800	7.72%	\$86.17	\$83.13	(\$3.04)	-3.53%	
900 *	6.55%	\$97.37	\$94.35	(\$3.02)	-3.10%	
1,000	5.49%	\$108.57	\$105.56	(\$3.01)	-2.77%	
1,100	4.56%	\$119.77	\$116.77	(\$3.00)	-2.50%	
1,200	3.78%	\$130.97	\$127.99	(\$2.98)	-2.28%	
1,300	3.12%	\$142.17	\$139.20	(\$2.97)	-2.09%	
1,400	2.54%	\$153.37	\$150.42	(\$2.95)	-1.92%	
1,600	3.84%	\$175.77	\$172.85	(\$2.92)	-1.66%	
2,000	4.59%	\$220.57	\$217.70	(\$2.87)	-1.30%	
2,500	2.64%	\$276.57	\$273.78	(\$2.79)	-1.01%	
3,000	1.18%	\$332.57	\$329.85	(\$2.72)	-0.82%	
3,500	0.55%	\$388.56	\$385.92	(\$2.64)	-0.68%	
>3500	0.71%					

Notes:

* Average PSE Customer

¹ Includes Rider Schedules 95, 95A, 120, 129, 132, 137, 140, 141, 142 and 194

Low Income Customers Electric Service Bill Impacts - Full Basic Charge



**Puget Sound Energy
 Monthly Billing Comparison
 Natural Gas
 Residential Service**

Therms	%	Monthly Bill				
		Customers	Present	Proposed	Change	
					\$	%
0	2.02%	\$10.29	\$12.10	\$1.81	17.59%	
3	2.45%	\$13.03	\$14.55	\$1.52	11.66%	
5	1.27%	\$14.86	\$16.19	\$1.33	8.92%	
10	3.96%	\$19.44	\$20.28	\$0.84	4.33%	
15	8.83%	\$24.01	\$24.37	\$0.36	1.49%	
20	14.26%	\$28.58	\$28.45	(\$0.13)	-0.44%	
30	10.13%	\$37.73	\$36.63	(\$1.09)	-2.90%	
40	7.40%	\$46.87	\$44.81	(\$2.06)	-4.40%	
50	5.94%	\$56.02	\$52.98	(\$3.03)	-5.41%	
60 *	5.23%	\$65.16	\$61.16	(\$4.00)	-6.14%	
70	4.82%	\$74.31	\$69.34	(\$4.97)	-6.68%	
90	4.47%	\$92.60	\$85.69	(\$6.90)	-7.45%	
100	4.05%	\$101.74	\$93.87	(\$7.87)	-7.74%	
125	7.89%	\$124.60	\$114.31	(\$10.29)	-8.26%	
150	4.87%	\$147.47	\$134.75	(\$12.71)	-8.62%	
175	2.67%	\$170.33	\$155.20	(\$15.13)	-8.88%	
200	1.42%	\$193.19	\$175.64	(\$17.55)	-9.09%	
>200	8.33%					

Notes:

* Average PSE Customer

Natural Gas Bill Impacts - Full Basic Charge

