

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**Dockets UE-190529 & UG-190530
Puget Sound Energy
2019 General Rate Case****THE ENERGY PROJECT DATA REQUEST NO. 023:****Re: Direct Testimony of Jon A. Piliaris (Non-Confidential), Exh. JAP-1T at 18:3-19:9.**

Please provide any study, report, analysis, or data in PSE's possession:

- a) Calculating the bill impact and base rate impact of PSE's proposed residential electric rate design on all low-income customers in PSE's service territory, i.e., without regard to whether or not the customer is participating in a bill assistance or weatherization program.
- b) Comparing the bill impact and base rate impact under part a with the bill impact on the average PSE residential customer.
- c) Calculating the bill impact and base rate impact of PSE's proposed residential rate design on low-income customers who participate in PSE's bill assistance or weatherization programs.
- d) Comparing the bill impact and base rate impact under part c with the bill impact on the average PSE residential customer.
- e) If PSE has not performed the calculations in items a) through d), please state whether PSE is able to provide that information in response to a data request in this docket.

Response:

- a) Puget Sound Energy ("PSE") has not calculated the bill impact and base rate impact of PSE's proposed residential electric rate design on all low-income customers in PSE's service territory, i.e., without regard to whether or not the customer is participating in a bill assistance or weatherization program.
- b) PSE has not compared the bill impact and base rate impact under subpart (a) with the bill impact on the average PSE residential customer.
- c) Please see Attachment A to PSE's Response to The Energy Project Data Request No. 023 for the bill and base rate impact of PSE's proposed residential rate design for customers participating in the federal Low Income Home Energy Assistance Program ("LI-HEAP") or PSE Home Energy Lifeline Program ("HELP") programs.

- d) Please see Attachment A to PSE's Response to The Energy Project Data Request No. 023 for a comparison of the bill and base rate impact under subpart (c) with the bill and base rate impact on the average PSE residential customer.
- e) PSE does not identify low income customers other than if the residential customer participates in the LI-HEAP or PSE HELP program, so items (a) and (b) are not provided. PSE has responded to items (c) and (d).

First Revised Response:

Puget Sound Energy ("PSE") discovered an error in the calculation of the base rate impacts in subparts c) and d), whereby an incorrect price was used for the proposed second block base energy charge in the calculation.

- c) Please see Attachment A to PSE's First Revised Response to The Energy Project Data Request No. 023 for the corrected bill and base rate impact of PSE's proposed residential rate design for customers participating in the federal LI-HEAP or PSE HELP programs.
- d) Please see Attachment A to PSE's First Revised Response to The Energy Project Data Request No. 023 for a comparison of the bill and base rate impact under subpart c) with the bill and base rate impact on the average PSE residential customer.

**ATTACHMENT A to PSE's First
Revised Response to
The Energy Project
Data Request No. 023**

Puget Sound Energy
Residential Customer Bill Impact

	Current Price Base (JAP-14)	Current Price Net (JAP-14)	Proposed Price Base (JAP-14)	Proposed Price Net (JAP-14)	Proposed Price Net (JAP-14)	PSE Average Customer	PSE Average Customer Participating in LI-HEAP or PSE HELP
Basic 1 Phase	\$ 7.490000	\$ 7.490000	\$ 7.490000	\$ 7.490000	\$ 7.490000	900	996
Energy - First 600	\$ 0.087336	\$ 0.085471	\$ 0.087336	\$ 0.085323	\$ 0.085323	\$ 91.78	101.99
Energy - Over 600	\$ 0.106297	\$ 0.104432	\$ 0.125088	\$ 0.123075	\$ 0.123075	\$ 97.42	109.43
Average Customer Monthly Usage						\$ 5.64	7.44
Current Base Rate						6.1%	7.3%
Proposed Base Rate							
Difference							
% Difference							
Current Billed Rate						\$ 90.10	100.13
Proposed Billed Rate						\$ 95.61	107.42
Difference						\$ 5.50	7.29
% Difference						6.1%	7.3%

**Puget Sound Energy
Monthly Billing Comparison
Schedule 7
Residential Service**

kWh	Customers	Monthly Energy Charge ¹			Change	%
		Present ²	Proposed ³	\$		
0	0.67%	\$7.49	\$7.49	\$0.00	0.00%	
50	0.80%	\$11.76	\$11.76	\$0.00	0.00%	
100	1.13%	\$16.04	\$16.02	(\$0.02)	-0.12%	
150	1.53%	\$20.31	\$20.29	(\$0.02)	-0.10%	
200	2.14%	\$24.58	\$24.55	(\$0.03)	-0.12%	
300	6.54%	\$33.13	\$33.09	(\$0.04)	-0.12%	
400	9.09%	\$41.68	\$41.62	(\$0.06)	-0.14%	
500	10.27%	\$50.23	\$50.15	(\$0.08)	-0.16%	
600	10.11%	\$58.77	\$58.68	(\$0.09)	-0.15%	
700	9.11%	\$69.22	\$70.99	\$1.77	2.56%	
800	7.84%	\$79.66	\$83.30	\$3.64	4.57%	
900 *	6.57%	\$90.10	\$95.61	\$5.51	6.12%	
1,000	5.47%	\$100.55	\$107.91	\$7.36	7.32%	
1,100	4.54%	\$110.99	\$120.22	\$9.23	8.32%	
1,200	3.75%	\$121.43	\$132.53	\$11.10	9.14%	
1,300	3.12%	\$131.88	\$144.84	\$12.96	9.83%	
1,400	2.60%	\$142.32	\$157.14	\$14.82	10.41%	
1,600	3.98%	\$163.21	\$181.76	\$18.55	11.37%	
2,000	4.86%	\$204.98	\$230.99	\$26.01	12.69%	
2,500	2.99%	\$257.19	\$292.53	\$35.34	13.74%	
3,000	1.40%	\$309.41	\$354.06	\$44.65	14.43%	
4,000	1.01%	\$413.84	\$477.14	\$63.30	15.30%	
5,000	0.27%	\$518.28	\$600.21	\$81.93	15.81%	
>5000	0.22%					

Notes:

* Average PSE Customer

¹ Includes Rider Schedules 95, 95A, 120, 129, 137, 140, 141 141x, 141y, 142, 194

² Base Rates Effective 5/1/2018

³ Base Rates Effective April 2020

	Present Price (Net)	Proposed Price (Net)	Change
Basic 1 Phase	\$ 7.49	\$ 7.49	0.0%
Energy - First 600	\$ 0.085471	\$ 0.085323	-0.2%
Energy - Over 600	\$ 0.104432	\$ 0.123075	17.9%

Basic 1 Phase	\$ 7.49	\$ 7.49	\$ 7.49	0.0%
Energy - First 600	\$ 0.087336	\$ 0.087336	\$ 0.087336	-0.2%
Energy - Over 600	\$ 0.106297	\$ 0.125088	\$ 0.125088	17.9%
Schedule 95 - PCA	\$ 0.000149	\$ 0.000149	\$ -	-
Schedule 95A - Fed Inc Credit	\$ (0.001913)	\$ (0.001913)	\$ (0.001913)	-
Schedule 120 - Conservation	\$ 0.003905	\$ 0.003905	\$ 0.003905	0.0%
Schedule 129 - Low Income	\$ 0.000895	\$ 0.000895	\$ 0.000895	0.0%
Schedule 137 - REC	\$ (0.000073)	\$ (0.000073)	\$ (0.000073)	-
Schedule 140 - Property Tax	\$ 0.003228	\$ 0.003228	\$ 0.003228	0.0%
Schedule 141 - ERF - Basic Charge	\$ -	\$ -	\$ -	-
Schedule 141 - ERF - First 600 kWh	\$ 0.001425	\$ 0.001425	\$ -	-
Schedule 141 - ERF - Over 600 kWh	\$ 0.001734	\$ 0.001734	\$ -	-
Schedule 141x - Tax Passback - Basic Charge	\$ -	\$ -	\$ -	-
Schedule 141x - Tax Passback - First 600 kWh	\$ (0.001425)	\$ (0.001425)	\$ -	-
Schedule 141x - Tax Passback - Over 600 kWh	\$ (0.001734)	\$ (0.001734)	\$ -	-
Schedule 141y - Tax	\$ (0.001271)	\$ (0.001271)	\$ (0.001271)	-
Schedule 142 - Decoupling	\$ 0.000621	\$ 0.000621	\$ 0.000621	0.0%
Schedule 194 - BPA Exch Credit	\$ (0.007406)	\$ (0.007406)	\$ (0.007406)	-

Residential Net Impact: 7.68%

**TAB “LI Cust Usage WUTC DR 131”
to PSE’s Response to The Energy
Project’s Data Request No. 023
Omitted Due to Size (See Electronic
Version)**