

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION STAFF  
RESPONSE TO DATA REQUEST

DATE PREPARED: July 26, 2017  
DOCKETS: UE-170033/UG-170034  
REQUESTER: The Energy Project

WITNESS: Jason L. Ball  
RESPONDER: Jason L. Ball  
TELEPHONE: (360) 664-1279

**REQUEST NO. 8:**

**RE: Testimony of Jason L. Ball, Exhibit JLB-1T, at 42, Figure 5.**

Please provide a version of Figure 5 (Bill Impact of Staff Electric Rate Design on Low-Income Customers) using PSE's proposed revenue requirement.

**RESPONSE:**

Please see Attachment A to Staff's Response to The Energy Project's Data Request No. 8.

**ATTACHMENT A TO STAFF**  
**RESPONSE TO THE ENERGY PROJECT DATA REQUEST NO. 8**

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

kWh	Monthly Energy Charge <sup>1</sup>				Change	%
	Present	Proposed	Present Price (Per Unit)	Proposed Price (Per Unit)		
0	\$ 7.87	\$ 8.15	\$ 7.87	\$ 8.15	\$ 0.28	3.57%
35	\$ 11.24	\$ 11.24	\$ 0.324	\$ 0.324	\$ 0.00	0.00%
60	\$ 13.46	\$ 13.46	\$ 0.539	\$ 0.539	\$ 0.00	0.00%
100	\$ 17.19	\$ 17.19	\$ 0.879	\$ 0.879	\$ 0.00	0.00%
200	\$ 26.91	\$ 26.91	\$ 1.379	\$ 1.379	\$ 0.00	0.00%
300	\$ 36.63	\$ 36.63	\$ 1.879	\$ 1.879	\$ 0.00	0.00%
400	\$ 46.35	\$ 46.35	\$ 2.379	\$ 2.379	\$ 0.00	0.00%
500	\$ 56.07	\$ 56.07	\$ 2.879	\$ 2.879	\$ 0.00	0.00%
600	\$ 65.79	\$ 65.79	\$ 3.379	\$ 3.379	\$ 0.00	0.00%
700	\$ 75.51	\$ 75.51	\$ 3.879	\$ 3.879	\$ 0.00	0.00%
800	\$ 85.23	\$ 85.23	\$ 4.379	\$ 4.379	\$ 0.00	0.00%
900	\$ 94.95	\$ 94.95	\$ 4.879	\$ 4.879	\$ 0.00	0.00%
1,000	\$ 104.67	\$ 104.67	\$ 5.379	\$ 5.379	\$ 0.00	0.00%
1,200	\$ 123.71	\$ 123.71	\$ 6.559	\$ 6.559	\$ 0.00	0.00%
1,400	\$ 142.75	\$ 142.75	\$ 7.739	\$ 7.739	\$ 0.00	0.00%
1,600	\$ 161.79	\$ 161.79	\$ 8.919	\$ 8.919	\$ 0.00	0.00%
1,800	\$ 180.83	\$ 180.83	\$ 10.099	\$ 10.099	\$ 0.00	0.00%
2,000	\$ 199.87	\$ 199.87	\$ 11.279	\$ 11.279	\$ 0.00	0.00%
2,500	\$ 258.41	\$ 258.41	\$ 14.119	\$ 14.119	\$ 0.00	0.00%
3,000	\$ 316.95	\$ 316.95	\$ 16.959	\$ 16.959	\$ 0.00	0.00%
3,500	\$ 375.49	\$ 375.49	\$ 19.799	\$ 19.799	\$ 0.00	0.00%
>3500	\$ 434.03	\$ 434.03	\$ 22.639	\$ 22.639	\$ 0.00	0.00%

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

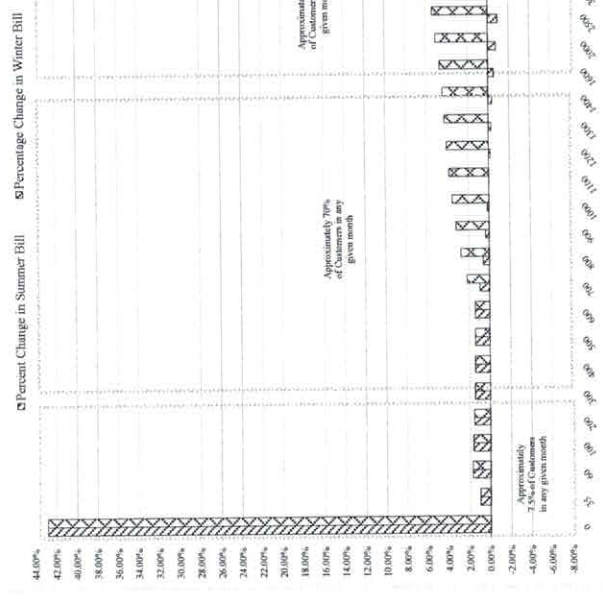
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>3500	\$ 434.03	\$ 434.03	\$ 22.639	\$ 22.639	\$ 0.00	0.00%

Block 1 Phase	Present Price (Per Unit)	Proposed Price (Per Unit)	Change	%
Energy - First 600	\$ 0.69124	\$ 0.69124	\$ 0.00	0.00%
Energy - Over 600	\$ 0.11196	\$ 0.11196	\$ 0.00	0.00%

Block 2	Present Price (Per Unit)	Proposed Price (Per Unit)	Change	%
Energy - First 600	\$ 0.69124	\$ 0.69124	\$ 0.00	0.00%
Energy - Over 600	\$ 0.11196	\$ 0.11196	\$ 0.00	0.00%

Block 1	Present Price (Per Unit)	Proposed Price (Per Unit)	Change	%
Schedule 95 - PCA	\$ (0.00333)	\$ (0.00333)	\$ 0.00	0.00%
Schedule 95A - Fed Ins Credit	\$ (0.00276)	\$ (0.00276)	\$ 0.00	0.00%
Schedule 120 - Conservation	\$ 0.00675	\$ 0.00675	\$ 0.00	0.00%
Schedule 120 - Low Income	\$ 0.00913	\$ 0.00913	\$ 0.00	0.00%
Schedule 132 - Merger Credit	\$ (0.00036)	\$ (0.00036)	\$ 0.00	0.00%
Schedule 140 - Property Tax	\$ 0.00350	\$ 0.00350	\$ 0.00	0.00%
Schedule 141 - ERF - Base Charge	\$ 0.39000	\$ 0.39000	\$ 0.00	0.00%
Schedule 141 - ERF - First 600 kWh	\$ 0.00114	\$ 0.00114	\$ 0.00	0.00%
Schedule 141 - ERF - Over 600 kWh	\$ 0.00157	\$ 0.00157	\$ 0.00	0.00%
Schedule 142 - Decoupling	\$ 0.00284	\$ 0.00284	\$ 0.00	0.00%
Schedule 146 - CRU	\$ (0.00120)	\$ (0.00120)	\$ 0.00	0.00%
Schedule 146 - BPA Exch Credit	\$ (0.00294)	\$ (0.00294)	\$ 0.00	0.00%

Note:  
 \* Average PSE Customer  
 † Includes Rider Schedules 95, 95A, 120, 126, 132, 137, 140, 141, 142 and 194



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 \* Average PSE Customer  
 † Includes Rider Schedules 95, 95A, 120, 126, 132, 137, 140, 141, 142 and 194

## SCHEDULE 7 (PSE PROPOSED REVENUE REQUIREMENT)

## Residential Service

Basic Charge	999698.3333		
Single Phase	11,996,380	\$ 7.49	\$89,852,886
Three Phase	2,918	\$ 17.99	\$52,495
Minimum Bill	11,999,298	\$ -	\$0
Subtotal	<u>11,999,298</u>		<u>\$89,905,381</u>
Energy Charge			
Minimum Summer Bill	207,940,880	\$ 0.085578	\$17,795,165
Summer Block 1	2,605,408,326	\$ 0.085578	\$222,965,634
Summer Block 2	1,254,137,443	\$ 0.104157	\$130,627,194
Minimum Winter Bill	206,462,025	\$ 0.085578	\$17,668,607
Winter 1st Block	2,953,966,892	\$ 0.085578	\$252,794,579
Winter 2nd Block	2,999,901,179	\$ 0.104157	\$312,460,707
Subtotal	<u>10,227,816,745</u>		<u>\$954,311,886</u>
Temperature Adjustment	242,969,649	\$ 0.104157	\$25,306,990
Unbilled	(28,359,905)	\$ 0.102144	(\$2,896,794)
Total	<u>10,442,426,489</u>		<u>\$1,066,627,463</u>

original Billing Det                      10,227,816,745

\$	8.03	\$96,307,119	Cost Based
\$	19.30	\$56,317	Cost Based (Retain 1ph/3ph relationship)
\$	3.21	\$38,541,565	
		<u>\$134,905,001</u>	

Included in Minimum Bill

\$	0.091771	\$239,100,928	Adjust for residual
\$	0.107556	\$134,889,520	

Included in Minimum Bill

\$	0.091771	\$271,088,496	Retain current differential between first two blocks
\$	0.116733	\$350,186,600	Long-run Avoided Cost of Power & Delivery
		<u>\$995,265,544</u>	
\$	0.116733	\$28,362,506	Set equal to tailblock
\$	0.110644	(\$3,137,853)	Average Increase
		<u>\$1,155,395,198</u>	
		Target Dollars	\$1,155,396,314
		Difference	\$1,115

COSS Basic Charge (PSE Presented COSS)

\$	11.24000	\$	134,839,311.20
\$	27.00		

8.32%