

**EXH. CGP-6C  
DOCKETS UE-22 \_\_\_/UG-22 \_\_\_  
2022 PSE GENERAL RATE CASE  
WITNESS: CARA G. PETERMAN**

**BEFORE THE  
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,**

**Complainant,**

**v.**

**PUGET SOUND ENERGY,**

**Respondent.**

**Docket UE-22 \_\_\_  
Docket UG-22 \_\_\_**

**FIFTH EXHIBIT (CONFIDENTIAL) TO THE  
PREFILED DIRECT TESTIMONY OF**

**CARA G. PETERMAN**

**ON BEHALF OF PUGET SOUND ENERGY**

**REDACTED VERSION**

**JANUARY 31, 2022**

**PUGET SOUND ENERGY**

**Utility Capital Structure  
Proposed Cost of Capital and Rate of Return  
Requested For Rate Year January 2023 through December 2023**

(A)	(B)	(C)	(D)	(E)
<b>General Rate Case Request</b>				
<u>Description</u>		<u>Ratio</u>	<u>Cost Rates</u>	<u>Cost of Capital</u>
Marginal Short-Term Debt Rate		2.4%	1.43%	0.03%
Commitment Fees				0.01%
Amortization of Short-Term Debt Issue Cost				0.01%
<b>Weighted Short-Term Debt Rate</b>		48.6%	5.07%	<b>0.05%</b>
Marginal Long-Term Debt Rate				2.47%
Amortization of Reacquired Debt				0.02%
<b>Weighted Long-Term Debt Rate</b>				<b>2.49%</b>
<b>Total Debt</b>		<b>51.0%</b>		<b>2.54%</b>
<b>Common Equity</b>		<b>49.0%</b>	<b>9.90%</b>	<b>4.85%</b>
<b>Total</b>		<b>100.0%</b>		<b>7.39%</b>

<b>Test Year Capital Structure and Cost of Capital</b>				
<u>Description</u>	<u>Amount (i)</u>	<u>Ratio</u>	<u>Cost Rates</u>	<u>Cost of Capital</u>
	<i>(\$ in 000's)</i>			
Marginal Short-Term Debt Rate		2.6%	0.27%	0.01%
Commitment Fees	\$233,962,500			0.02%
Amortization of Short-Term Debt Issue Cost				0.01%
<b>Weighted Short-Term Debt Rate</b>	\$4,338,044,407	48.4%	5.28%	<b>0.04%</b>
Long Term Debt				2.56%
Amortization of Reacquired Debt				0.02%
<b>Weighted Long-Term Debt Rate</b>				<b>2.58%</b>
<b>Total Debt</b>	<b>\$4,572,006,907</b>	<b>51.0%</b>		<b>2.62%</b>
<b>Common Equity</b>	<b>\$4,386,402,333</b>	<b>49.0%</b>	<b>9.43%</b>	<b>4.61%</b>
<b>Total</b>	<b>\$8,958,409,240</b>	<b>100.0%</b>		<b>7.23%</b>

**Puget Sound Energy  
Requested Cost of Debt  
For The 12 Months Ended December 31, 2023**

Shaded information is designated as confidential per WAC 480-07-160

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Bond	Interest Rate	Issue Date	Maturity Date	Net Proceeds Per \$100 (i)	Cost Rate (ii)	Annual Charge (\$'000)	Principal in 000's
6 MTN-C	7.150%	Dec-95	Dec-25	99.21	7.21%	1,082	15,000
7 MTN-C	7.200%	Dec-95	Dec-25	99.21	7.26%	145	2,000
8 MTN-A	7.020%	Dec-97	Dec-27	98.99	7.10%	21,300	300,000
9 MTN-B	7.000%	Mar-99	Mar-29	99.04	7.08%	7,080	100,000
10 SN	5.483%	May-05	Jun-35	84.89	6.65%	16,625	250,000
11 SN	6.724%	Jun-06	Jun-36	107.52	6.17%	15,425	250,000
12 SN	6.274%	Sep-06	Mar-37	98.81	6.36%	19,080	300,000
13 SN	5.757%	Sep-09	Oct-39	98.98	5.83%	20,405	350,000
14 SN	5.795%	Mar-10	Mar-40	98.96	5.87%	19,078	325,000
15 SN	5.764%	Jun-10	Jul-40	98.97	5.84%	14,600	250,000
16 SN	5.638%	Mar-11	Apr-41	98.97	5.71%	17,130	300,000
17 SN	4.434%	Nov-11	Nov-41	98.96	4.50%	11,250	250,000
18 SN	4.700%	Nov-11	Nov-51	98.86	4.76%	2,142	45,000
19 PCB	3.900%	May-13	Mar-31	98.94	3.98%	5,511	138,460
20 PCB	4.000%	May-13	Mar-31	98.94	4.08%	955	23,400
21 SN	4.300%	May-15	May-45	98.48	4.39%	18,658	425,000
22 SN	4.223%	Jun-18	Jun-48	98.89	4.29%	25,740	600,000
23 SN	3.250%	Aug-19	Sep-49	99.09	3.30%	14,850	450,000
24 SN	2.893%	Sep-21	Sep-51	98.86	2.95%	13,275	450,000
<b>Total First Mortgage Bonds and Senior Notes at the end of the year</b>							
<b>Total Long-term Debt Cost of Interest on AMA basis</b>							
						<b>5.07%</b>	<b>\$4,911,360</b>
<b>Short-Term Debt Cost of Interest</b>							
						1.43%	\$241,109
<b>Blended Cost of Interest (ST&amp;LT Debt)</b>						<b>4.90%</b>	<b>\$5,152,469</b>
<b>Projected AMA Long-term Debt in Rate year (\$ in 000's)</b>						<b>\$4,911,360</b>	
<b>Requested Long-term Debt Ratio in Rate Year</b>						<u>48.6%</u>	
<b>Implied AMA Total Capitalization in Rate Year (\$ in 000's)</b>						<b>\$10,102,881</b>	

(i) Net proceeds are face amount less underwriter's fees and issuance expenses.  
(ii) Cost Rate for each bond is the yield to maturity based on net proceeds.  
(iii) For blended cost of interest for short-term debt and long-term debt, the cost rate is the total annual interest charge divided by the average outstanding balance for the period.

**SHADED INFORMATION IS DESIGNATED AS  
CONFIDENTIAL PER WAC 480-07-160**

**REDACTED VERSION**

**Puget Sound Energy  
Short Term Debt Interest and Fees Details  
For The 12 Months Ended December 31, 2023**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Average		
	\$241,109	\$241,109	\$241,109	\$241,109	\$241,109	\$241,109	\$241,109	\$241,109	\$241,109	\$241,109	\$241,109	\$241,109	\$241,109	\$241,109	\$241,109
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(f) Monthly short-term interest is calculated on the average balance for the month times the interest rate for the month times the actual days in the month divided by 360 days.

2.4%  
 48.6%  
 51.0%  
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 3 - STD Int & Fees-Details AMA

**Puget Sound Energy**  
**Schedule of Annual Charges on Reacquired Debt**  
**For The 12 Months Ended December 31, 2023**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
	Issue	Issue Date	Maturity Date	Redemption Date	Refinance Issue	Refinance Date	Maturity Date for Amort.	Monthly Amortization (i)	No. of Months in Period	Annual Amortization (i)
1										
2										
3										
4										
5	WNG 7.19%	18-Aug-93	18-Aug-23	18-Aug-03			18-Aug-23	\$888	8	\$7,104
6	9.625% PP	15-Oct-90	15-Oct-97	7-Feb-94	30 Yr 7.350%	1-Feb-94	1-Feb-24	\$14,073	12	\$10,656
7	8.231% Capital Trust I (Tender)	6-Jun-97	1-Jun-27	1-Jun-05			1-Jun-27	\$19,150	12	\$168,880
8	PCB Series 1991A	7-Aug-91	1-Aug-21	11-Mar-03	2003 PCB's	11-Mar-03	1-Mar-31	\$3,790	12	\$229,804
9	PCB Series 1991B	7-Aug-91	1-Aug-21	11-Mar-03	2003 PCB's	11-Mar-03	1-Mar-31	\$2,880	12	\$45,480
10	PCB Series 1992	1-Mar-92	1-Mar-22	11-Mar-03	2003 PCB's	11-Mar-03	1-Mar-31	\$8,819	12	\$34,561
11	PCB Series 1993	1-Mar-92	1-Mar-22	11-Mar-03	2003 PCB's	11-Mar-03	1-Mar-31	\$2,691	12	\$105,825
12	PCB Series 2003	11-Mar-03	1-Mar-31	24-Jun-13	2013 PCB's	23-May-13	1-Mar-31	\$24,927	12	\$32,298
13	PCB Series 2003	11-Mar-03	1-Mar-31	24-Jun-13	2013 PCB's	23-May-13	1-Mar-31	\$4,213	12	\$299,129
14	\$200mm VRN	15-Jul-04	15-Jul-06	27-May-05	30 Yr 5.483%	27-May-05	27-May-35	\$1,424	12	\$50,553
15	8.40% Capital Trust II	24-May-01	30-Jun-41	30-Jun-06	30 Yr 6.724%	30-Jun-06	15-Jun-36	\$16,418	12	\$17,087
16	\$25M 9.57% Gas FMB's	1-Sep-90	1-Sep-20	23-Dec-11	40 Yr 4.70%	22-Nov-11	15-Nov-51	\$33,377	12	\$197,021
17	SN 5.197%	12-Oct-05	1-Oct-15	5-Jun-15	30 Yr 4.30%	26-May-15	20-May-45	\$6,859	12	\$400,519
18	SN 6.75%	23-Jan-09	15-Jan-16	5-Jun-15	30 Yr 4.30%	26-May-15	20-May-45	\$26,387	12	\$82,302
19	Jr. Subordinated Notes	4-Jun-07	1-Jun-67	27-Apr-18			1-Jun-67	\$8,388	12	\$316,650
20										
21	<b>Implied Rate Year Capitalization</b>									<b>\$1,997,870</b>
22										<b>\$10,102,880,508</b>
23	<b>Weighted Cost of Reacquired Debt</b>									0.02%
24										
25	(i) Amortization is over life of replacement issue or remaining life of called bond if no replacement issue.									