

**EXH. PKW-17C  
DOCKET UE-20\_\_\_\_  
2020 PSE PCORC  
WITNESS: PAUL K. WETHERBEE**

**BEFORE THE  
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,**

**Complainant,**

**v.**

**PUGET SOUND ENERGY,**

**Respondent.**

**Docket UE-20\_\_\_\_**

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

**PAUL K. WETHERBEE**

**ON BEHALF OF PUGET SOUND ENERGY**

**REDACTED  
VERSION**

**DECEMBER 9, 2020**

Puget Sound Energy  
Fixed Gas for Power Transportation Costs  
2020 PCORC

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

FX Rate 0.79233 9/30/2020  
<https://www.wellsfargo.com/foreign-exchange/currency-rates/>  
Dth to GJ 1.055056

Pipeline	Charge	2020 PCORC												2019 GRC Final Order	Increase / (Decrease)		
		Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22				
Northwest	O&M	\$10,781	\$10,781	\$10,781	\$10,781	\$10,781	\$10,781	\$10,781	\$10,781	\$10,781	\$10,781	\$10,781	\$10,781	\$10,781	\$10,781	\$129,372	\$0
Northwest	Demand	\$263,144	\$263,144	\$263,144	\$263,144	\$263,144	\$263,144	\$263,144	\$263,144	\$263,144	\$263,144	\$263,144	\$263,144	\$263,144	\$263,144	\$3,098,305	\$0
Northwest	Demand	\$526,946	\$544,510	\$544,510	\$526,946	\$544,510	\$544,510	\$544,510	\$544,510	\$544,510	\$544,510	\$544,510	\$544,510	\$544,510	\$544,510	\$6,411,170	\$0
Northwest	Demand	\$131,268	\$135,644	\$135,644	\$131,268	\$135,644	\$135,644	\$131,268	\$135,644	\$135,644	\$131,268	\$135,644	\$135,644	\$131,268	\$135,644	\$1,597,094	\$0
Northwest	Demand	\$23,420	\$24,200	\$24,200	\$23,420	\$24,200	\$24,200	\$23,420	\$24,200	\$24,200	\$23,420	\$24,200	\$24,200	\$23,420	\$24,200	\$284,941	\$0
Northwest	Demand	\$105,389	\$108,902	\$108,902	\$105,389	\$108,902	\$108,902	\$105,389	\$108,902	\$108,902	\$105,389	\$108,902	\$108,902	\$105,389	\$108,902	\$1,282,234	\$0
Northwest	Demand	\$585,495	\$605,012	\$605,012	\$585,495	\$605,012	\$605,012	\$585,495	\$605,012	\$605,012	\$585,495	\$605,012	\$605,012	\$585,495	\$605,012	\$7,123,523	\$0
Northwest	Demand	\$24,919	\$25,749	\$25,749	\$24,919	\$25,749	\$25,749	\$24,919	\$25,749	\$25,749	\$24,919	\$25,749	\$25,749	\$24,919	\$25,749	\$303,177	\$0
Northwest	Demand	\$57,706	\$59,630	\$59,630	\$57,706	\$59,630	\$59,630	\$57,706	\$59,630	\$59,630	\$57,706	\$59,630	\$59,630	\$57,706	\$59,630	\$702,094	\$0
Northwest	Demand	\$256,119	\$264,656	\$264,656	\$256,119	\$264,656	\$264,656	\$256,119	\$264,656	\$264,656	\$256,119	\$264,656	\$264,656	\$256,119	\$264,656	\$3,116,114	\$0
Northwest	Demand	\$3,141	\$3,246	\$3,246	\$3,141	\$3,246	\$3,246	\$3,141	\$3,246	\$3,246	\$3,141	\$3,246	\$3,246	\$3,141	\$3,246	\$38,222	\$0
Northwest	Demand	\$2,405	\$2,485	\$2,485	\$2,405	\$2,485	\$2,485	\$2,405	\$2,485	\$2,485	\$2,405	\$2,485	\$2,485	\$2,405	\$2,485	\$29,256	\$0
Northwest	Demand	\$234,198	\$242,005	\$242,005	\$234,198	\$242,005	\$242,005	\$234,198	\$242,005	\$242,005	\$234,198	\$242,005	\$242,005	\$234,198	\$242,005	\$2,849,409	\$0
Northwest	Demand	\$43,479	\$44,928	\$44,928	\$43,479	\$44,928	\$44,928	\$43,479	\$44,928	\$44,928	\$43,479	\$44,928	\$44,928	\$43,479	\$44,928	\$974,178	\$8
Northwest	Demand	\$24,001	\$24,801	\$24,801	\$24,001	\$24,801	\$24,801	\$24,001	\$24,801	\$24,801	\$24,001	\$24,801	\$24,801	\$24,001	\$24,801	\$292,010	\$0
Northwest	Demand	\$54,715	\$56,539	\$56,539	\$54,715	\$56,539	\$56,539	\$54,715	\$56,539	\$56,539	\$54,715	\$56,539	\$56,539	\$54,715	\$56,539	\$665,700	\$0
Northwest	<b>NW Total</b>	<b>\$ 2,338,637</b>	<b>\$ 2,416,232</b>	<b>\$ 2,416,232</b>	<b>\$ 2,338,637</b>	<b>\$ 2,416,232</b>	<b>\$ 2,416,232</b>	<b>\$ 2,338,637</b>	<b>\$ 2,416,232</b>	<b>\$ 2,416,232</b>	<b>\$ 2,338,637</b>	<b>\$ 2,416,232</b>	<b>\$ 2,416,232</b>	<b>\$ 2,338,637</b>	<b>\$ 2,416,232</b>	<b>\$ 29,660,964</b>	<b>\$ (28,186)</b>
Cascade	Dispatch Service	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$7,500	\$0
Cascade	Demand	\$14,679	\$14,679	\$14,679	\$14,679	\$14,679	\$14,679	\$14,679	\$14,679	\$14,679	\$14,679	\$14,679	\$14,679	\$14,679	\$14,679	\$176,153	(\$115)
Cascade	Gross Rev Tax	\$668	\$668	\$668	\$668	\$668	\$668	\$668	\$668	\$668	\$668	\$668	\$668	\$668	\$668	\$8,011	(\$132)
Cascade	City B&O Tax	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$12,234	\$504
Cascade	Total	\$ 16,991	\$ 16,991	\$ 16,991	\$ 16,991	\$ 16,991	\$ 16,991	\$ 16,991	\$ 16,991	\$ 16,991	\$ 16,991	\$ 16,991	\$ 16,991	\$ 16,991	\$ 16,991	\$ 203,897	\$ 257
Cascade	Dispatch Service	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$7,500	\$0
Cascade	Demand	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$1,248,000	\$0
Cascade	Gross Rev Tax	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$54,765	(\$866)
Cascade	Total	\$ 109,189	\$ 109,189	\$ 109,189	\$ 109,189	\$ 109,189	\$ 109,189	\$ 109,189	\$ 109,189	\$ 109,189	\$ 109,189	\$ 109,189	\$ 109,189	\$ 109,189	\$ 109,189	\$ 1,310,265	\$ (866)
Cascade	Dispatch Service	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$7,500	\$7,500
Cascade	Facilities Charge	\$120,485	\$120,485	\$120,485	\$120,485	\$120,485	\$120,485	\$120,485	\$120,485	\$120,485	\$120,485	\$120,485	\$120,485	\$120,485	\$120,485	\$1,445,820	(\$80,088)
Cascade	Compressor Oper	(\$2,753)	(\$2,753)	(\$2,753)	(\$2,753)	(\$2,753)	(\$2,753)	(\$2,753)	(\$2,753)	(\$2,753)	(\$2,753)	(\$2,753)	(\$2,753)	(\$2,753)	(\$2,753)	(\$33,038)	(\$33,038)
Cascade	Gross Rev Tax	\$5,163	\$5,163	\$5,163	\$5,163	\$5,163	\$5,163	\$5,163	\$5,163	\$5,163	\$5,163	\$5,163	\$5,163	\$5,163	\$5,163	\$61,953	\$61,953
Cascade	Total	\$ 123,520	\$ 123,520	\$ 123,520	\$ 123,520	\$ 123,520	\$ 123,520	\$ 123,520	\$ 123,520	\$ 123,520	\$ 123,520	\$ 123,520	\$ 123,520	\$ 123,520	\$ 123,520	\$ 1,482,235	\$ (43,673)
Cascade	Dispatch Service	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$7,500	\$0
Cascade	Demand	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$1,248,000	(\$720)
Cascade	Gross Rev Tax	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$4,564	\$54,765	(\$898)
Cascade	City B&O Tax	\$60	\$60	\$60	\$60	\$60	\$60	\$60	\$60	\$60	\$60	\$60	\$60	\$60	\$60	\$720	\$720
Cascade	Total	\$ 109,249	\$ 109,249	\$ 109,249	\$ 109,249	\$ 109,249	\$ 109,249	\$ 109,249	\$ 109,249	\$ 109,249	\$ 109,249	\$ 109,249	\$ 109,249	\$ 109,249	\$ 109,249	\$ 1,310,985	\$ (898)
Cascade	Dispatch Service	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$7,500	\$7,500
Cascade	Contract Charge	\$13,506	\$13,506	\$13,506	\$13,506	\$13,506	\$13,506	\$13,506	\$13,506	\$13,506	\$13,506	\$13,506	\$13,506	\$13,506	\$13,506	\$162,069	(\$18,903)
Cascade	Gross Rev Tax	\$616	\$616	\$616	\$616	\$616	\$616	\$616	\$616	\$616	\$616	\$616	\$616	\$616	\$616	\$7,397	\$7,397
Cascade	Total	\$ 14,747	\$ 14,747	\$ 14,747	\$ 14,747	\$ 14,747	\$ 14,747	\$ 14,747	\$ 14,747	\$ 14,747	\$ 14,747	\$ 14,747	\$ 14,747	\$ 14,747	\$ 14,747	\$ 176,965	\$ (4,007)
Cascade	<b>Cascade Total</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 373,696</b>	<b>\$ 4,484,348</b>	<b>\$ (49,187)</b>

Puget Sound Energy  
**Fixed Gas for Power Tran**  
 2020 PCORC

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

Pipeline	Charge	Capacity (MMBtu/d)	Contract	Expiration	Rate Schedule	Rate	Receipt (From)	Delivery (To)
Northwest	O&M	50,350	127115	12/14/2026	Firm	\$10,781	Goldendale Lateral	
Northwest	Demand	21,747	132124	10/31/2023	TF-1E	\$0.39	Sumas	Scott
Northwest	Demand	45,000	135602	10/31/2023	TF-1E	\$0.39	Sumas	Everett Delta
Northwest	Demand	11,210	136469	9/30/2044	TF-1	\$0.39	Sumas	Stanfield
Northwest	Demand	2,000	138409	10/31/2023	TF-1	\$0.39	Sumas	North Tacoma
Northwest	Demand	9,000	138412	10/31/2023	TF-1	\$0.39	Sumas	South Longview
Northwest	Demand	50,000	138657	3/31/2025	TF-1	\$0.39	Stanfield	Sipi
Northwest	Demand	2,128	138780 & 138781	3/31/2025	TF-1	\$0.39	Stanfield	Deer Island
Northwest	Demand	4,928	138782 & 138783	3/31/2025	TF-1	\$0.39	Stanfield	Bellingham(Ferndale)
Northwest	Demand	21,872	138784 thru 138790	3/31/2025	TF-1	\$0.39	Stanfield	JP
Northwest	Demand	6,704	139250	10/31/2026	SGS-2F	\$0.02	JP Storage	JP Storage
Northwest	Demand	140,622	139250	10/31/2026	SGS-2F	\$0.00	JP Storage	JP Storage
Northwest	Demand	6,650	140766	10/31/2032	TF-1	\$0.23	JP-Winter	South Longview
Northwest	Demand	20,000	140907	10/31/2033	TF-1	\$0.39	Sumas	JP
Northwest	Demand	27,547	140910	10/31/2032	TF-1	\$0.23	JP-Winter	Sedro Woolley
Northwest	Demand	15,000	140915	3/31/2023	TF-1	\$0.10	JP	Sedro Woolley
Northwest	Demand	241,700	140975	3/31/2023	LS-2F	\$0.00	Plymouth Storage	Plymouth Storage
Northwest	Demand	70,500	140975	3/31/2023	LS-2F	\$0.03	Plymouth Storage	Plymouth Storage
	<b>NW Total</b>							
Cascade	Dispatch Service	37,000	Ericogen Plant NOM	3/31/2021	CT Meter	\$625		
Cascade	Demand					\$0.40		
Cascade	Gross Rev Tax					4.362%		
Cascade	City B&O Tax					6.383%		
	<b>Total</b>							
Cascade	Dispatch Service	52,000	Ferndale Plant NOM	3/31/2021	CT Meter	\$625		
Cascade	Demand					\$2.00		
Cascade	Gross Rev Tax					4.362%		
	<b>Total</b>							
Cascade	Dispatch Service		Fredonia Plant NOM	7/4/2021	CT Meter	\$625		
Cascade	Facilities Charge					\$120,485		
Cascade	Compressor Oper					(\$2,753)		
Cascade	Gross Rev Tax					4.362%		
	<b>Total</b>							
Cascade	Dispatch Service	52,000	Mint Farm Plant NOM	3/31/2021	CT Meter	\$625		
Cascade	Demand					\$2.00		
Cascade	Gross Rev Tax					4.362%		
Cascade	City B&O Tax					\$60		
	<b>Total</b>							
Cascade	Dispatch Service		Whitehorn Plant NOM	12/31/2020	CT Meter	\$625		
Cascade	Contract Charge					\$13,506		
Cascade	Gross Rev Tax					4.362%		
	<b>Total</b>							
	<b>Cascade Total</b>							

Puget Sound Energy  
**Fixed Gas for Power Transportation Costs**  
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FX Rate 0.79233 9/30/2020  
<https://www.wellsfargo.com/foreign-exchange/currency-rates/>  
 Dth to GJ 1.055056

Pipeline	Charge	Month												2020 PCORC	2019 GRC Final Order	Increase / (Decrease)	
		30 Jun-21	31 Jul-21	31 Aug-21	31 Sep-21	31 Oct-21	30 Nov-21	31 Dec-21	31 Jan-22	28 Feb-22	31 Mar-22	30 Apr-22	31 May-22				
GTN	Demand	\$126,271	\$126,271	\$126,271	\$126,271	\$126,271	\$126,271	\$126,271	\$126,271	\$126,271	\$126,271	\$126,271	\$126,271	\$126,271	\$1,515,249	\$1,280,392	\$234,857
GTN	Demand	\$34,821	\$35,982	\$35,982	\$34,821	\$35,982	\$34,821	\$35,982	\$35,982	\$34,821	\$35,982	\$35,982	\$34,821	\$35,982	\$423,657	\$630,000	(\$206,344)
GTN	GTN Total	\$161,092	\$162,253	\$162,253	\$161,092	\$162,253	\$161,092	\$162,253	\$162,253	\$161,092	\$162,253	\$162,253	\$161,092	\$162,253	\$1,938,905	\$1,910,392	\$28,513
Westcoast	Demand	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$12,625,332	\$13,475,461	(\$850,129)
Westcoast	Westcoast Total	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$1,052,111	\$12,625,332	\$13,475,461	(\$850,129)
Foothills	Demand	\$85,861	\$85,861	\$85,861	\$85,861	\$85,861	\$85,861	\$85,861	\$85,861	\$85,861	\$85,861	\$85,861	\$85,861	\$85,861	\$1,030,329	\$1,187,531	(\$157,202)
Foothills	Abandonment	\$3,148	\$3,148	\$3,148	\$3,148	\$3,148	\$3,148	\$3,148	\$3,148	\$3,148	\$3,148	\$3,148	\$3,148	\$3,148	\$37,775	\$37,775	\$0
Foothills	Foothills Total	\$89,009	\$89,009	\$89,009	\$89,009	\$89,009	\$89,009	\$89,009	\$89,009	\$89,009	\$89,009	\$89,009	\$89,009	\$89,009	\$1,068,105	\$1,187,531	(\$119,426)
Nova	Demand	\$161,698	\$161,698	\$161,698	\$161,698	\$161,698	\$161,698	\$161,698	\$161,698	\$161,698	\$161,698	\$161,698	\$161,698	\$161,698	\$1,940,375	\$1,972,681	(\$32,306)
Nova	Abandonment	\$6,925	\$6,925	\$6,925	\$6,925	\$6,925	\$6,925	\$6,925	\$6,925	\$6,925	\$6,925	\$6,925	\$6,925	\$6,925	\$83,100	\$182,476	(\$99,376)
Nova	Nova Total	\$168,623	\$168,623	\$168,623	\$168,623	\$168,623	\$168,623	\$168,623	\$168,623	\$168,623	\$168,623	\$168,623	\$168,623	\$168,623	\$2,023,475	\$2,155,157	(\$131,682)
Purchase from PSEG	JP Total																
<b>Total Fixed Gas Transport and Storage Costs</b>																	

REDACTED VERSION

Puget Sound Energy  
**Fixed Gas for Power Tran**  
 2020 PCORC

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Pipeline	Charge	Capacity (MMBtu/d)	Contract	Expiration	Rate Schedule	Rate	Receipt (From)	Delivery (To)
GTN	Demand	40,567	17012	10/31/2023	FTS-1	\$3.11	Kingsgate	Stanfield
GTN	Demand					\$0.03		
GTN	<b>GTN Total</b>							
Westcoast	Demand	88,352	2587 & 3545 TSEXP PSEE	10/31/2025	T-South	\$569.86	Station 2	Huntingdon
Westcoast	<b>Westcoast Total</b>							
Foothills	Demand	40,946	PUGE F4	11/30/2023	FT	\$2.51	ABC-ANG/NOVA	ABC-ANG/NOVA
Foothills	Abandonment					\$0.09		
Foothills	<b>Foothills Total</b>							
Nova	Demand	41,420	2015-658207 & 658208	12/31/2023	FT-D1	\$4.67	AECO	STA 2000 ABC
Nova	Abandonment					\$0.20		
Nova	<b>Nova Total</b>							
Purchase from PSEG	<b>JP Total</b>	500,000	JP Storage Agreement	3/31/2021	Firm		JP Storage Capacity	

**Total Fixed Gas Transport and Storage Costs**

REDACTED VERSION