EXH. PKW-50C
DOCKETS UE-190529/UG-190530
UE-190274/UG-190275
2019 PSE GENERAL RATE CASE
WITNESS: PAUL K. WETHERBEE

BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION, **Complainant,** **v.** **PUGET SOUND ENERGY,** **Respondent.**	**Docket UE-190529** **Docket UG-190530 (*Consolidated*)**
In the Matter of the Petition of **PUGET SOUND ENERGY** **For an Order Authorizing Deferral Accounting and Ratemaking Treatment for Short-life IT/Technology Investment**	**Docket UE-190274** **Docket UG-190275 (*Consolidated*)**

SIXTEENTH EXHIBIT (CONFIDENTIAL) TO THE
PREFILED REBUTTAL TESTIMONY OF

PAUL K. WETHERBEE

ON BEHALF OF PUGET SOUND ENERGY

REDACTED
VERSION

JANUARY 15, 2020

Puget Sound Energy

Fixed Gas for Power Transportation Costs

2019 GRC Rebuttal Power Cost Update

REDACTED VERSION

					May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	2019 GRC Rebuttal Update	2019 GRC Proposed	Increase / (Decrease)
Capacity																			
Contract	Start Date	Expiration Date	Receipt	Capacity															
NWP 132124 - Sumas to Freddy	10/1/2018	9/30/2028	Sumas	21,747	21,747	21,747	21,747	21,747	21,747	21,747	21,747	21,747	21,747	21,747	21,747	21,747	21,747	21,747	-
NWP 135602 - Sumas to N.Seatt	10/1/2018	9/30/2028	Sumas	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	-
NWP 136459 - Sumas to Stnfld/	11/1/2008	9/30/2044	Sumas	11,210	11,210	11,210	11,210	11,210	11,210	11,210	11,210	11,210	11,210	11,210	11,210	11,210	11,210	11,210	-
NWP 138412 - Sumas to Longv	6/1/2010	10/31/2028	Sumas	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	-
NWP 138409 - Sumas to N. Tac	5/1/2010	10/31/2028	Sumas	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	-
NWP 140907 - Sumas to J.P.	10/1/2018	10/31/2033	Sumas	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	-
		Total Sumas Year-Round Contracts			108,957	108,957	108,957	108,957	108,957	108,957	108,957	108,957	108,957	108,957	108,957	108,957	108,957	108,957	-
NWP 140899 - Plymouth to Sedi	11/1/2015	3/31/2028	Stan./Plym.	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	-
		Total Storage Year-Round Contracts			15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	-
NWP 140910 - JP to SedroWool	11/1/2015	10/31/2032	JP-Winter	27,547	-						27,547	27,547	27,547	27,547	27,547	-	27,547	27,547	-
NWP 140766 - JP to Longview	11/1/2015	10/31/2032	JP-Winter	6,650	-						6,650	6,650	6,650	6,650	6,650	-	6,650	6,650	-
		Total Winter Only Contracts			-	-	-	-	-	-	34,197	34,197	34,197	34,197	34,197	-	34,197	34,197	-
NWP 138780-81 Stanfield to De	4/1/2011	3/31/2025	Stanfield	2,128	2,128	2,128	2,128	2,128	2,128	2,128	2,128	2,128	2,128	2,128	2,128	2,128	2,128	2,128	-
NWP 138782-83 Stanfield to Be	4/1/2011	3/31/2025	Stanfield	4,928	4,928	4,928	4,928	4,928	4,928	4,928	4,928	4,928	4,928	4,928	4,928	4,928	4,928	4,928	-
NWP 138784-90 Stanfield to JP	4/1/2011	3/31/2025	Stanfield	21,872	21,872	21,872	21,872	21,872	21,872	21,872	21,872	21,872	21,872	21,872	21,872	21,872	21,872	21,872	-
NWP 138657-75 Stanfield to SII	11/1/2014	3/31/2030	Stanfield	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	-
		Total Stanfield Contracts			78,928	78,928	78,928	78,928	78,928	78,928	78,928	78,928	78,928	78,928	78,928	78,928	78,928	78,928	-
Westcoast 2587-B-00 (FB Energy	11/1/2009	10/31/2028	Station 2	26,668	26,668	26,668	26,668	26,668	26,668	26,668	26,668	26,668	26,668	26,668	26,668	26,668	26,668	26,668	-
Westcoast 2587-B-00 (BNP Parib	4/1/2010	10/31/2028	Station 2	27,036	27,036	27,036	27,036	27,036	27,036	27,036	27,036	27,036	27,036	27,036	27,036	27,036	27,036	27,036	-
Westcoast 2587-B-00 100.5 10^3m	12/1/2012	11/30/2030	Station 2	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	-
Westcoast 3545-B-00 (**Enhanced**	12/1/2012	11/30/2030	Station 2	30,838	30,838	30,838	30,838	30,838	30,838	30,838	30,838	30,838	30,838	30,838	30,838	30,838	30,838	30,838	-
		Total Station 2 Contracts			88,352	88,352	88,352	88,352	88,352	88,352	88,352	88,352	88,352	88,352	88,352	88,352	88,352	88,352	-
GTN FTS-1 181	12/1/2015	10/31/2028	Kingsgate	13,378	13,378	13,378	13,378	13,378	13,378	13,378	13,378	13,378	13,378	13,378	13,378	13,378	13,378	13,378	-
GTN FTS-1 181	12/1/2015	11/30/2028	Kingsgate	27,189	27,189	27,189	27,189	27,189	27,189	27,189	27,189	27,189	27,189	27,189	27,189	27,189	27,189	27,189	-
Foothills	12/1/2015	11/30/2028	A/BC	40,946	40,946	40,946	40,946	40,946	40,946	40,946	40,946	40,946	40,946	40,946	40,946	40,946	40,946	40,946	-
NGTL	12/1/2015	11/30/2028	AECO/ NIT	37,913	37,913	37,913	37,913	37,913	37,913	37,913	37,913	37,913	37,913	37,913	37,913	37,913	37,913	37,913	-
NGTL	1/1/2016	12/31/2028	AECO/ NIT	3,507	3,507	3,507	3,507	3,507	3,507	3,507	3,507	3,507	3,507	3,507	3,507	3,507	3,507	3,507	-
Storage																			-
Plymouth LNG Demand	11/1/2015	3/31/2028		70,500	70,500	70,500	70,500	70,500	70,500	70,500	70,500	70,500	70,500	70,500	70,500	70,500	70,500	70,500	-
Plymouth LNG Capacity	11/1/2015	3/31/2028		241,700	241,700	241,700	241,700	241,700	241,700	241,700	241,700	241,700	241,700	241,700	241,700	241,700	241,700	241,700	-
NWP SGS-2 JP Demand	4/1/2013	10/31/2026		6,704	6,704	6,704	6,704	6,704	6,704	6,704	6,704	6,704	6,704	6,704	6,704	6,704	6,704	6,704	-
NWP SGS-2 JP Capacity	4/1/2013	10/31/2026		140,622	140,622	140,622	140,622	140,622	140,622	140,622	140,622	140,622	140,622	140,622	140,622	140,622	140,622	140,622	-

Puget Sound Energy

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REDACTED VERSION

			May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	2019 GRC Rebuttal Update	2019 GRC Proposed	Increase / (Decrease)
Contract Rates																	
NWP	TF-1 demand (Vintage)	$/dth/day	$0.39033	$0.39033	$0.39033	$0.39033	$0.39033	$0.39033	$0.39033	$0.39033	$0.39033	$0.39033	$0.39033	$0.39033	$0.39033	0.39033	0
NWP	Goldendale Cost of Service (per month)	$/month	$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	$0
NWP	Capacity Release from CNGC (segment)	$/dth/day	$0.10177	$0.10177	$0.10177	$0.10177	$0.10177	$0.10177	$0.10177	$0.10177	$0.10177	$0.10177	$0.10177	$0.10177	$0.10177	$0.10177	$0.00000
NWP	Storage Redelivery Service (Winter Only/ zero in Summer)	$/dth/day	$0.00000						$0.23420	$0.23420	$0.23420	$0.23420	$0.23420	$0.00000	$0.23420	$0.23420	$0.00000
NWP	SGS2 demand (for storage)	$/dth/day	$0.01562	$0.01562	$0.01562	$0.01562	$0.01562	$0.01562	$0.01562	$0.01562	$0.01562	$0.01562	$0.01562	$0.01562	$0.01562	$0.01562	$0.00000
NWP	SGS2 capacity (for storage)	$/dth/day	$0.00057	$0.00057	$0.00057	$0.00057	$0.00057	$0.00057	$0.00057	$0.00057	$0.00057	$0.00057	$0.00057	$0.00057	$0	$0	$0
NWP	Plymouth LS-2/3 demand (for storage)	$/dth/day	$0.02587	$0.02587	$0.02587	$0.02587	$0.02587	$0.02587	$0.02587	$0.02587	$0.02587	$0.02587	$0.02587	$0.02587	$0.02587	$0.02587	$0.00000
NWP	Plymouth LS-2/3 capacity (for storage)	$/dth/day	$0.00331	$0.00331	$0.00331	$0.00331	$0.00331	$0.00331	$0.00331	$0.00331	$0.00331	$0.00331	$0.00331	$0.00331	$0.00331	$0.00331	$0.00000
											1						
Westcoast	Demand Toll 5yr 28.1%	$CAD/10 ^{3} m ^{3} per	$ 612.29	$612.29	$612.29	$612.29	$612.29	$612.29	$612.29	$612.29	$612.29	$612.29	$612.29	$612.29	$612.29	$612.29	$0.00
Westcoast	Exchange Rate	$US/$CAD	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	$0.787	$0.787	$0.000
Westcoast	Demand Toll converted to $US		$481.872	$481.872	$481.872	$481.872	$481.872	$481.872	$481.872	$481.872	$481.872	$481.872	$481.872	$481.872	$481.872	$481.872	$0.000
Westcoast	Convert to cubic foot		35.311	35.311	35.311	35.311	35.311	35.311	35.311	35.311	35.311	35.311	35.311	35.311	$35.311	$35.311	$0.000
Westcoast	Convert to decatherm		1.074	1.074	1.074	1.074	1.074	1.074	1.074	1.074	1.074	1.074	1.074	1.074	$1.074	$1.074	$0.000
Westcoast	Demand Toll converted to $US/dth/month	$/dth/month	$ 12.71	$ 12.71	$ 12.71	$ 12.71	$ 12.71	$ 12.71	$ 12.71	$ 12.71	$ 12.71	$ 12.71	$ 12.71	$ 12.71	$12.71	$12.71	$0.00
	Demand Toll 3 yr	$/dth/month	$ 12.98	$ 12.98	$ 12.98	$ 12.98	$ 12.98	$ 12.98	$ 12.98	$ 12.98	$ 12.98	$ 12.98	$ 12.98	$ 12.98	$12.98	$12.98	$0.00
		memo: $/Dth/	$ 0.41787														
Cascade	Sch. 663 Contract Demand (Mint Farm and Ferndale)	$/month/therm	$0.20000	$0.20000	$0.20000	$0.20000	$0.20000	$0.20000	$0.20000	$0.20000	$0.20000	$0.20000	$0.20000	$0.20000	$0.20000	$0.15000	$0.05000
Cascade	Dispatch Service Charge	$/month	$625	$625	$625	$625	$625	$625	$625	$625	$625	$625	$625	$625	$625	$500	$125
Cascade	Encogen Contract Charges Update in July)	$/month/therm	$ 0.0397	$ 0.0397	$ 0.0397	$ 0.0397	$ 0.0397	$ 0.0397	$ 0.0397	$ 0.0397	$ 0.0397	$ 0.0397	$ 0.0397	$ 0.0397	$ 0.0397	$ 0.0401	$ (0.0004)
Cascade	Fredonia (demand/facilities charge/compressor charge & dispatch	$/month	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,247	($88)
Cascade	Whitehorn (demand & dispatch & tax)	$/month	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$12,235	$2,846
Cascade	Cascade Revenue Tax % (includes 3.852% utility tax)	%	4.431%	4.431%	4.431%	4.431%	4.431%	4.431%	4.431%	4.431%	4.431%	4.431%	4.431%	4.431%	4.431%	4.535%	-0.104%
Cascade	Cascade B&O Tax (Encogen)	%	6.383%	6.383%	6.383%	6.383%	6.383%	6.383%	6.383%	6.383%	6.383%	6.383%	6.383%	6.383%	6.383%	6.380%	0.003%
Cascade	Cascade B&O tax (Mint Farm) - $60 flat	$/month	$60	$60	$60	$60	$60	$60	$60	$60	$60	$60	$60	$60	$60	$60	$0
GTN	Demand Charge		$ 0.029	$ 0.029	$ 0.029	$ 0.029	$ 0.029	$ 0.029	$ 0.029	$ 0.029	$ 0.029	$ 0.029	$ 0.029	$ 0.029	$ 0.029	$ 0.031	$ (0.002)
GTN	Mileage Demand Charge		$ 0.000	$ 0.000	$ 0.000	$ 0.000	$ 0.000	$ 0.000	$ 0.000	$ 0.000	$ 0.000	$ 0.000	$ 0.000	$ 0.000	$ 0.000	$ 0.000	$ (0.000)
GTN	mileage - Kingsgate to Stanfield		$ 277.370	$ 277.370	$ 277.370	$ 277.370	$ 277.370	$ 277.370	$ 277.370	$ 277.370	$ 277.370	$ 277.370	$ 277.370	$ 277.370	$ 277.370	$ 277.370	$ -
GTN	Stanfield Mileage Demand Charge		$ 0.100	$ 0.100	$ 0.100	$ 0.100	$ 0.100	$ 0.100	$ 0.100	$ 0.100	$ 0.100	$ 0.100	$ 0.100	$ 0.100	$ 0.100	$ 0.108	$ (0.008)
	Total Demand Rate	$/dth/day	$ 0.129	$ 0.129	$ 0.129	$ 0.129	$ 0.129	$ 0.129	$ 0.129	$ 0.129	$ 0.129	$ 0.129	$ 0.129	$ 0.129	$ 0.129	$ 0.139	$ (0.010)
Foothills																	
Foothills	Demand rate per GJ/mo ($CAN)		$ 2.91073	$ 2.91073	$ 2.91073	$ 2.91073	$ 2.91073	$ 2.91073	$ 2.91073	$ 2.91073	$ 2.91073	$ 2.91073	$ 2.91073	$ 2.91073	$ 2.91073	$ 2.91073	$ -
Foothills	Exchange Rate	$US/$CAD	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	-
Foothills	Demand Rate pre GJ/mo ($US)		2.2907	2.2907	2.2907	2.2907	2.2907	2.2907	2.2907	2.2907	2.2907	2.2907	2.2907	2.2907	2.2907	2.2907	-
Foothills	conversion GJ to Dth		0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	-
Foothills	Demand Rate per Dth/mo		$ 2.41686	$ 2.41686	$ 2.41686	$ 2.41686	$ 2.41686	$ 2.41686	$ 2.41686	$ 2.41686	$ 2.41686	$ 2.41686	$ 2.41686	$ 2.41686	$ 2.41686	$ 2.41686	$ -
Foothills	Demand Rate per Dth/day		$ 0.07946	$ 0.07946	$ 0.07946	$ 0.07946	$ 0.07946	$ 0.07946	$ 0.07946	$ 0.07946	$ 0.07946	$ 0.07946	$ 0.07946	$ 0.07946	$ 0.07946	$ 0.07946	$ -
NGTL											1						
NGTL	Demand rate per GJ/mo ($CAN)		$ 5.222	$ 5.222	$ 5.222	$ 5.222	$ 5.222	$ 5.222	$ 5.222	$ 5.222	$ 5.222	$ 5.222	$ 5.222	$ 5.222	$ 5.222	$ 5.222	$ -
NGTL	Exchange Rate	$US/$CAD	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	-
NGTL	Demand Rate pre GJ/mo ($US)		$ 4.1097	$ 4.1097	$ 4.1097	$ 4.1097	$ 4.1097	$ 4.1097	$ 4.1097	$ 4.1097	$ 4.1097	$ 4.1097	$ 4.1097	$ 4.1097	$ 4.1097	$ 4.1097	$ -
NGTL	conversion GJ to Dth		0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	0.94782	-
NGTL	Demand Rate per Dth/mo		$ 4.33598	$ 4.33598	$ 4.33598	$ 4.33598	$ 4.33598	$ 4.33598	$ 4.33598	$ 4.33598	$ 4.33598	$ 4.33598	$ 4.33598	$ 4.33598	$ 4.33598	$ 4.33598	$ -
NGTL	Demand Rate per Dth/day		$ 0.14255	$ 0.14255	$ 0.14255	$ 0.14255	$ 0.14255	$ 0.14255	$ 0.14255	$ 0.14255	$ 0.14255	$ 0.14255	$ 0.14255	$ 0.14255	$ 0.14255	$ 0.14255	$ -

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Contract	Contract	Start	End	Receipt	Dth/day	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	2019 GRC Rebuttal Update	2019 GRC Proposed	Increase / (Decrease)
Contract Costs $																				
						31	30	31	31	30	31	30	31	31	28	31	30			
NWP 132123 - Sumas to Freddy		10/1/2018	10/31/2028	Sumas	21,747	$263,144	$254,655	$263,144	$263,144	$254,655	$263,144	$254,655	$263,144	$263,144	$237,678	$263,144	$254,655	$ 3,098,305	$ 3,098,305	$ -
NWP 135602 - Sumas to N.Seat		10/1/2018	10/31/2028	Sumas	45,000	$544,510	$526,946	$544,510	$544,510	$526,946	$544,510	$526,946	$544,510	$544,510	$491,816	$544,510	$526,946	$ 6,411,170	$ 6,411,170	$ -
NWP 136459 - Sumas to Stnfld/		11/1/2008	9/30/2044	Sumas	11,210	$135,644	$131,268	$135,644	$135,644	$131,268	$135,644	$131,268	$135,644	$135,644	$122,517	$135,644	$131,268	$ 1,597,094	$ 1,597,094	$ -
NWP 138412 - Sumas to Longvi		6/1/2010	10/31/2028	Sumas	9,000	$108,902	$105,389	$108,902	$108,902	$105,389	$108,902	$105,389	$108,902	$108,902	$98,363	$108,902	$105,389	$ 1,282,234	$ 1,282,234	$ -
NWP 138409 - Sumas to N. Tac		5/1/2010	10/31/2028	Sumas	2,000	$24,200	$23,420	$24,200	$24,200	$23,420	$24,200	$23,420	$24,200	$24,200	$21,858	$24,200	$23,420	$ 284,941	$ 284,941	$ -
NWP 140907 - Sumas to JP		10/1/2018	10/31/2028	Sumas	20,000	$242,005	$234,198	$242,005	$242,005	$234,198	$242,005	$234,198	$242,005	$242,005	$218,585	$242,005	$234,198	$ 2,849,409	$ 2,849,409	$ -
			Total Sumas Year-Round Contracts			$ 1,318,405	$ 1,275,876	$ 1,318,405	$ 1,318,405	$ 1,275,876	$ 1,318,405	$ 1,275,876	$ 1,318,405	$ 1,318,405	$ 1,190,817	$ 1,318,405	$ 1,275,876	$ 15,523,153	$ 15,523,153	$ -
NWP 140899 - Plymouth to Sed		11/1/2015	3/31/2028	Plym'th/Stnfl	15,000	$47,323	$45,797	$47,323	$47,323	$45,797	$47,323	$45,797	$47,323	$47,323	$42,743	$47,323	$45,797	$ 557,191	$ 557,191	$ -
			Total Storage Year-Round Contracts			$ 47,323	$ 45,797	$ 47,323	$ 47,323	$ 45,797	$ 47,323	$ 45,797	$ 47,323	$ 47,323	$ 42,743	$ 47,323	$ 45,797	$ 557,191	$ 557,191	$ -
NWP 140910 - JP to SedroWool		11/1/2015	10/31/2032	JP-Winter	27,547	$0	$0	$0	$0	$0	$0	$193,544	$199,995	$199,995	$180,641	$199,995	$0	$ 974,169	$ 974,169	$ -
NWP 140766 - JP to Longview		11/1/2015	10/31/2032	JP-Winter	6,650	$0	$0	$0	$0	$0	$0	$46,723	$48,280	$48,280	$43,608	$48,280	$0	$ 235,170	$ 235,170	$ -
			Total Winter Only Contracts			$ -	$ -	$ -	$ -	$ -	$ -	$ 240,267	$ 248,275	$ 248,275	$ 224,249	$ 248,275	$ -	$ 1,209,339	$ 1,209,339	$ -
NWP 138780-81 Stanfield to De		4/1/2011	3/31/2025	Stanfield	2,128	$25,749	$24,919	$25,749	$25,749	$24,919	$25,749	$24,919	$25,749	$25,749	$23,257	$25,749	$24,919	$ 303,177	$ 303,177	$ -
NWP 138782-83 Stanfield to Be		4/1/2011	3/31/2025	Stanfield	4,928	$59,630	$57,706	$59,630	$59,630	$57,706	$59,630	$57,706	$59,630	$59,630	$53,859	$59,630	$57,706	$ 702,094	$ 702,094	$ -
NWP 138784-90 Stanfield to JP		4/1/2011	3/31/2025	Stanfield	21,872	$264,656	$256,119	$264,656	$264,656	$256,119	$264,656	$256,119	$264,656	$264,656	$239,044	$264,656	$256,119	$ 3,116,114	$ 3,116,114	$ -
NWP 138657-75 Stanfield to SI		11/1/2014	3/31/2030	Stanfield	50,000	$605,012	$585,495	$605,012	$605,012	$585,495	$605,012	$585,495	$605,012	$605,012	$546,462	$605,012	$585,495	$ 7,123,523	$ 7,123,523	$ -
			Total Stanfield Contracts			$ 955,047	$ 924,239	$ 955,047	$ 955,047	$ 924,239	$ 955,047	$ 924,239	$ 955,047	$ 955,047	$ 862,623	$ 955,047	$ 924,239	$ 11,244,908	$ 11,244,908	$ -
NWP 127115 - Goldendale Lateral			12/14/2026	Goldendale	50,350	$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	$ 129,372	$ -
Total NWP Pipeline Capacity						**$ 2,331,556**	**$ 2,256,692**	**$ 2,331,556**	**$ 2,331,556**	**$ 2,256,692**	**$ 2,331,556**	**$ 2,496,958**	**$ 2,579,831**	**$ 2,579,831**	**$ 2,331,213**	**$ 2,579,831**	**$ 2,256,692**	**$ 28,663,962**	**$ 28,663,962**	**$ -**
																				-
Cascade	Mint Farm (Sched 663)		12/31/2029		52,000	$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	$936,000	$312,000
Cascade	Mint Farm Dispatch fee				n/a	$685	$685	$685	$685	$685	$685	$685	$685	$685	$685	$685	$685	$8,220	$6,720	$1,500
Cascade	Mint Farm Revenue Tax				n/a	$4,639	$4,639	$4,639	$4,639	$4,639	$4,639	$4,639	$4,639	$4,639	$4,639	$4,639	$4,639	$55,663	$42,752	$12,911
Cascade	Ferndale (Sched 663)	12/1/2012	9/30/2037		52,000	$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	$936,000	$312,000
Cascade	Ferndale Dispatch fe	12/1/2012	9/30/2037		n/a	$625	$625	$625	$625	$625	$625	$625	$625	$625	$625	$625	$625	$7,500	$6,000	$1,500
Cascade	Ferndale Revenue Ta	12/1/2012	9/30/2037		n/a	$4,636	$4,636	$4,636	$4,636	$4,636	$4,636	$4,636	$4,636	$4,636	$4,636	$4,636	$4,636	$55,631	$42,720	$12,912
Cascade	Encogen		12/31/2029		37,000	$14,689	$14,689	$14,689	$14,689	$14,689	$14,689	$14,689	$14,689	$14,689	$14,689	$14,689	$14,689	$176,268	$178,205	($1,937)
Cascade	Encogen Dispatch fee				n/a	$625	$625	$625	$625	$625	$625	$625	$625	$625	$625	$625	$625	$7,500	$6,000	$1,500
Cascade	Encogen Revenue Taxes				n/a	$679	$679	$679	$679	$679	$679	$679	$679	$679	$679	$679	$679	$8,143	$8,354	($211)
Cascade	Encogen B&O Tax (Includes state utility tax)				n/a	$977	$977	$977	$977	$977	$977	$977	$977	$977	$977	$977	$977	$11,730	$11,752	($22)
Cascade	Fredonia		4/2/2027		94,000	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$127,159	$1,525,908	$1,526,967	($1,059)
Cascade	Whitehorn		12/31/2026		24,000	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$15,081	$180,972	$146,823	$34,149
Cascade	**Total**					**$377,795**	**$377,795**	**$377,795**	**$377,795**	**$377,795**	**$377,795**	**$377,795**	**$377,795**	**$377,795**	**$377,795**	**$377,795**	**$377,795**	**$4,533,535**	**$3,848,293**	**$685,242**

Puget Sound Energy

Fixed Gas for Power Transportation Costs

2019 GRC Rebuttal Power Cost Update

REDACTED VERSION

						May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	2019 GRC Rebuttal Update	2019 GRC Proposed	Increase / (Decrease)
Westcoast	Westcoast 2587-B-00 (FB Energy)		10/31/2028	Station 2	26,668	$338,949	$338,949	$338,949	$338,949	$338,949	$338,949	$338,949	$338,949	$338,949	$338,949	$338,949	$338,949	$4,067,387	$4,067,387	$0
Westcoast	Westcoast 2587-B-00 (BNP Paribas		10/31/2028	Station 2	27,036	$343,623	$343,623	$343,623	$343,623	$343,623	$343,623	$343,623	$343,623	$343,623	$343,623	$343,623	$343,623	$4,123,477	$4,123,477	$0
Westcoast	Westcoast 2587-B-00	12/1/2012	11/30/2030	Station 2	3,810	$48,428	$48,428	$48,428	$48,428	$48,428	$48,428	$48,428	$48,428	$48,428	$48,428	$48,428	$48,428	$581,138	$581,138	$0
Westcoast	Westcoast 3545-B-00	12/1/2012	11/30/2030	Station 2	30,838	$391,955	$391,955	$391,955	$391,955	$391,955	$391,955	$391,955	$391,955	$391,955	$391,955	$391,955	$391,955	$4,703,458	$4,703,458	$0
Westcoast	FB Energy Discount Amort (11/09 - 10/18)																	$0	$0	$0
Westcoast	BNP Paribas Discount Amort (4/10 - 10/18)																	$0	$0	$0
Westcoast	**Total**				**88,352**	**$1,122,955**	**$1,122,955**	**$1,122,955**	**$1,122,955**	**$1,122,955**	**$1,122,955**	**$1,122,955**	**$1,122,955**	**$1,122,955**	**$1,122,955**	**$1,122,955**	**$1,122,955**	**$13,475,461**	**$13,475,461**	**$0**
GTN FTS-	GTN FTS-1 181	12/1/2015	10/31/2028	Stanfield	13,378	$53,507	$51,781	$53,507	$53,507	$51,781	$53,507	$51,781	$53,507	$53,507	$48,329	$53,507	$51,781	$630,000	$680,714	($50,713)
GTN FTS-	GTN FTS-1 181	12/1/2015	11/30/2028	Stanfield	27,189	$108,746	$105,238	$108,746	$108,746	$105,238	$108,746	$105,238	$108,746	$108,746	$98,222	$108,746	$105,238	$1,280,392	$1,383,460	($103,068)
Foothills	Foothills	12/1/2015	11/30/2028	A/BC	40,946	$100,859	$97,605	$100,859	$100,859	$97,605	$100,859	$97,605	$100,859	$100,859	$91,098	$100,859	$97,605	$1,187,531	$1,187,531	$0
NGTL	NGTL	12/1/2015	11/30/2028	AECO/ NIT	37,913	$167,543	$162,138	$167,543	$167,543	$162,138	$167,543	$162,138	$167,543	$167,543	$151,329	$167,543	$162,138	$1,972,681	$1,972,681	$0
NGTL	NGTL	1/1/2016	12/31/2028	AECO/ NIT	3,507	$15,498	$14,998	$15,498	$15,498	$14,998	$15,498	$14,998	$15,498	$15,498	$13,998	$15,498	$14,998	$182,476	$182,476	$0
Other	**Total**					**$446,152**	**$431,760**	**$446,152**	**$446,152**	**$431,760**	**$446,152**	**$431,760**	**$446,152**	**$446,152**	**$402,976**	**$446,152**	**$431,760**	**$5,253,080**	**$5,406,861**	**($153,781)**
NWP	Plymouth LNG- Stor	1/1/2015	3/31/2028		70,500	$56,539	$54,715	$56,539	$56,539	$54,715	$56,539	$54,715	$56,539	$56,539	$51,067	$56,539	$54,715	$665,700	$665,700	$0
NWP	Plymouth LNG- Stor	1/1/2015	3/31/2028		241,700	$24,801	$24,001	$24,801	$24,801	$24,001	$24,801	$24,001	$24,801	$24,801	$22,401	$24,801	$24,001	$292,010	$292,010	$0
NWP	(Demand)	4/1/2013	10/31/2026		6,704	$3,246	$3,141	$3,246	$3,246	$3,141	$3,246	$3,141	$3,246	$3,246	$2,932	$3,246	$3,141	$38,222	$38,222	$0
NWP	(Capacity)	4/1/2013	10/31/2026		140,622	$2,485	$2,405	$2,485	$2,485	$2,405	$2,485	$2,405	$2,485	$2,485	$2,244	$2,485	$2,405	$29,256	$29,256	$0
PSEG	Other JP - Storage fe	4/1/2016	3/31/2027		500,000	$XXXXX	$XXXXX	$XXXXX	$XXXXX	$XXXXX	$XXXXX	$XXXXX	$XXXXX	$XXXXX	$XXXXX	$XXXXX	$XXXXX	$XXXXX	$XXXXX	$XXXXX
	Total NWP Storage					**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**
	Total gas transport fixed (demand) costs					**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**	**$XXXXX**

Rate year: May 2020 through April 2021
Gas price date: 12/05/2019