

**EXH. PKW-5C
DOCKET UE-20____
2019 PCA PERIOD COMPLIANCE FILING
WITNESS: PAUL K. WETHERBEE**

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

In the Matter of the Petition of

PUGET SOUND ENERGY

**For Approval of its 2020 Power Cost
Adjustment Mechanism Report**

DOCKET UE-20____

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

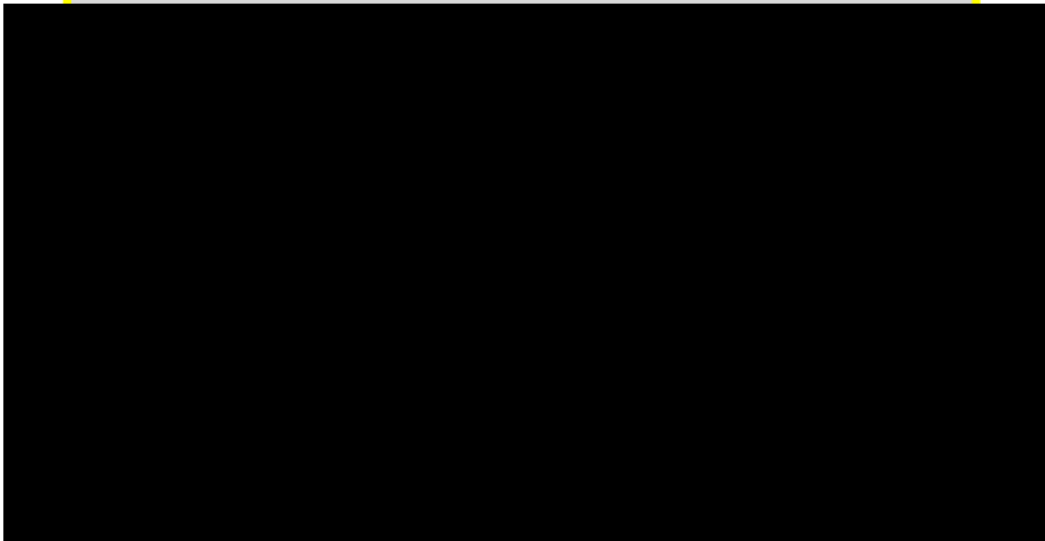
PAUL K. WETHERBEE

ON BEHALF OF PUGET SOUND ENERGY

**REDACTED
VERSION**

APRIL 30, 2020

Puget Sound Energy
Exh. PKW-5(C) Sumas gas, Mid-C power prices
2019 PCA



Puget Sound Energy
Exh. PKW-5(C) Sumas gas, Mid-C power prices
2019 PCA

Sumas Gas Prices	\$/MMBtu Actuals	\$/MMBtu 2017 GRC	Mid-C Flat Power Prices	\$/MWh Actuals	\$/MWh 2017 GRC
11/1/2018	\$4.38		11/1/2018	\$31.04	
11/2/2018	\$4.05		11/2/2018	\$19.90	
11/3/2018	\$4.07		11/3/2018	\$19.90	
11/4/2018	\$4.07		11/4/2018	\$18.24	
11/5/2018	\$4.07		11/5/2018	\$22.83	
11/6/2018	\$4.08		11/6/2018	\$29.86	
11/7/2018	\$9.78		11/7/2018	\$53.17	
11/8/2018	\$16.43		11/8/2018	\$58.10	
11/9/2018	\$8.92		11/9/2018	\$58.10	
11/10/2018	\$10.03		11/10/2018	\$42.36	
11/11/2018	\$10.03		11/11/2018	\$38.47	
11/12/2018	\$10.03		11/12/2018	\$55.43	
11/13/2018	\$10.03		11/13/2018	\$55.43	
11/14/2018	\$9.11		11/14/2018	\$59.07	
11/15/2018	\$13.86		11/15/2018	\$54.83	
11/16/2018	\$66.08		11/16/2018	\$60.58	
11/17/2018	\$20.19		11/17/2018	\$60.58	
11/18/2018	\$20.19		11/18/2018	\$56.28	
11/19/2018	\$20.19		11/19/2018	\$65.36	
11/20/2018	\$9.54		11/20/2018	\$64.96	
11/21/2018	\$8.85		11/21/2018	\$64.96	
11/22/2018	\$7.84		11/22/2018	\$41.56	
11/23/2018	\$7.84		11/23/2018	\$46.02	
11/24/2018	\$7.84		11/24/2018	\$60.16	
11/25/2018	\$7.84		11/25/2018	\$58.63	
11/26/2018	\$7.84		11/26/2018	\$60.16	
11/27/2018	\$10.73		11/27/2018	\$49.49	
11/28/2018	\$11.82		11/28/2018	\$57.89	
11/29/2018	\$17.18		11/29/2018	\$61.34	
11/30/2018	\$17.95		11/30/2018	\$61.34	
12/1/2018	\$10.79		12/1/2018	\$65.23	
12/2/2018	\$10.79		12/2/2018	\$76.46	
12/3/2018	\$10.79		12/3/2018	\$85.15	
12/4/2018	\$9.01		12/4/2018	\$89.70	
12/5/2018	\$8.11		12/5/2018	\$74.42	
12/6/2018	\$7.92		12/6/2018	\$64.83	
12/7/2018	\$9.99		12/7/2018	\$63.91	
12/8/2018	\$6.94		12/8/2018	\$63.91	
12/9/2018	\$6.94		12/9/2018	\$60.63	
12/10/2018	\$6.94		12/10/2018	\$61.15	
12/11/2018	\$5.51		12/11/2018	\$48.72	

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Sumas Gas Prices	\$/MMBtu Actuals	\$/MMBtu 2017 GRC	Mid-C Flat Power Prices	\$/MWh Actuals	\$/MWh 2017 GRC
12/12/2018	\$4.98		12/12/2018	\$42.47	
12/13/2018	\$5.43		12/13/2018	\$45.34	
12/14/2018	\$5.68		12/14/2018	\$45.41	
12/15/2018	\$4.47		12/15/2018	\$45.41	
12/16/2018	\$4.47		12/16/2018	\$42.04	
12/17/2018	\$4.47		12/17/2018	\$43.65	
12/18/2018	\$4.11		12/18/2018	\$32.76	
12/19/2018	\$4.39		12/19/2018	\$33.47	
12/20/2018	\$4.33		12/20/2018	\$35.52	
12/21/2018	\$4.03		12/21/2018	\$35.52	
12/22/2018	\$3.77		12/22/2018	\$35.52	
12/23/2018	\$3.77		12/23/2018	\$35.66	
12/24/2018	\$3.77		12/24/2018	\$35.68	
12/25/2018	\$3.77		12/25/2018	\$38.43	
12/26/2018	\$3.77		12/26/2018	\$41.26	
12/27/2018	\$3.77		12/27/2018	\$41.48	
12/28/2018	\$4.03		12/28/2018	\$34.71	
12/29/2018	\$4.03		12/29/2018	\$34.71	
12/30/2018	\$4.03		12/30/2018	\$35.16	
12/31/2018	\$4.03		12/31/2018	\$35.16	
1/1/2019	\$3.87		1/1/2019	\$37.33	
1/2/2019	\$3.87		1/2/2019	\$36.44	
1/3/2019	\$3.65		1/3/2019	\$33.79	
1/4/2019	\$3.74		1/4/2019	\$30.32	
1/5/2019	\$3.26		1/5/2019	\$29.17	
1/6/2019	\$3.26		1/6/2019	\$25.48	
1/7/2019	\$3.26		1/7/2019	\$27.06	
1/8/2019	\$3.12		1/8/2019	\$33.93	
1/9/2019	\$3.05		1/9/2019	\$30.28	
1/10/2019	\$2.92		1/10/2019	\$23.92	
1/11/2019	\$2.90		1/11/2019	\$28.91	
1/12/2019	\$3.05		1/12/2019	\$31.55	
1/13/2019	\$3.05		1/13/2019	\$33.88	
1/14/2019	\$3.05		1/14/2019	\$44.50	
1/15/2019	\$3.88		1/15/2019	\$50.90	
1/16/2019	\$4.34		1/16/2019	\$41.51	
1/17/2019	\$4.39		1/17/2019	\$38.15	
1/18/2019	\$4.06		1/18/2019	\$30.33	
1/19/2019	\$3.77		1/19/2019	\$31.00	
1/20/2019	\$3.77		1/20/2019	\$30.86	
1/21/2019	\$3.77		1/21/2019	\$32.73	

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Sumas Gas Prices	\$/MMBtu Actuals	\$/MMBtu 2017 GRC	Mid-C Flat Power Prices	\$/MWh Actuals	\$/MWh 2017 GRC
1/22/2019	\$3.77		1/22/2019	\$34.21	
1/23/2019	\$3.56		1/23/2019	\$28.97	
1/24/2019	\$3.37		1/24/2019	\$31.40	
1/25/2019	\$3.40		1/25/2019	\$31.31	
1/26/2019	\$3.42		1/26/2019	\$30.69	
1/27/2019	\$3.42		1/27/2019	\$29.17	
1/28/2019	\$3.42		1/28/2019	\$31.61	
1/29/2019	\$3.42		1/29/2019	\$33.68	
1/30/2019	\$3.59		1/30/2019	\$33.53	
1/31/2019	\$3.59		1/31/2019	\$35.24	
2/1/2019	\$3.59		2/1/2019	\$36.32	
2/2/2019	\$5.99		2/2/2019	\$34.52	
2/3/2019	\$5.99		2/3/2019	\$27.78	
2/4/2019	\$5.99		2/4/2019	\$62.66	
2/5/2019	\$14.46		2/5/2019	\$89.62	
2/6/2019	\$16.93		2/6/2019	\$78.75	
2/7/2019	\$20.99		2/7/2019	\$115.40	
2/8/2019	\$19.75		2/8/2019	\$100.46	
2/9/2019	\$48.08		2/9/2019	\$77.68	
2/10/2019	\$48.08		2/10/2019	\$77.98	
2/11/2019	\$48.08		2/11/2019	\$76.44	
2/12/2019	\$39.04		2/12/2019	\$69.30	
2/13/2019	\$25.22		2/13/2019	\$76.32	
2/14/2019	\$11.76		2/14/2019	\$72.62	
2/15/2019	\$7.75		2/15/2019	\$69.44	
2/16/2019	\$9.64		2/16/2019	\$53.76	
2/17/2019	\$9.64		2/17/2019	\$48.99	
2/18/2019	\$9.64		2/18/2019	\$80.93	
2/19/2019	\$9.64		2/19/2019	\$71.33	
2/20/2019	\$8.60		2/20/2019	\$62.58	
2/21/2019	\$8.38		2/21/2019	\$61.86	
2/22/2019	\$5.65		2/22/2019	\$42.36	
2/23/2019	\$17.39		2/23/2019	\$33.28	
2/24/2019	\$17.39		2/24/2019	\$35.97	
2/25/2019	\$17.39		2/25/2019	\$62.80	
2/26/2019	\$17.92		2/26/2019	\$66.21	
2/27/2019	\$39.43		2/27/2019	\$62.76	
2/28/2019	\$13.37		2/28/2019	\$79.68	
3/1/2019	\$25.53		3/1/2019	\$148.68	
3/2/2019	\$159.27		3/2/2019	\$179.89	
3/3/2019	\$159.27		3/3/2019	\$108.08	

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2019 PCA**

Sumas Gas Prices	\$/MMBtu Actuals	\$/MMBtu 2017 GRC	Mid-C Flat Power Prices	\$/MWh Actuals	\$/MWh 2017 GRC
3/4/2019	\$159.27		3/4/2019	\$61.67	
3/5/2019	\$15.67		3/5/2019	\$63.21	
3/6/2019	\$5.64		3/6/2019	\$57.97	
3/7/2019	\$6.17		3/7/2019	\$45.93	
3/8/2019	\$6.86		3/8/2019	\$44.96	
3/9/2019	\$14.29		3/9/2019	\$43.80	
3/10/2019	\$14.29		3/10/2019	\$45.26	
3/11/2019	\$14.29		3/11/2019	\$46.79	
3/12/2019	\$3.65		3/12/2019	\$39.99	
3/13/2019	\$3.47		3/13/2019	\$32.50	
3/14/2019	\$4.26		3/14/2019	\$32.19	
3/15/2019	\$3.51		3/15/2019	\$30.97	
3/16/2019	\$3.05		3/16/2019	\$29.32	
3/17/2019	\$3.05		3/17/2019	\$20.46	
3/18/2019	\$3.05		3/18/2019	\$30.74	
3/19/2019	\$2.87		3/19/2019	\$28.53	
3/20/2019	\$2.76		3/20/2019	\$23.71	
3/21/2019	\$2.70		3/21/2019	\$21.92	
3/22/2019	\$2.56		3/22/2019	\$20.24	
3/23/2019	\$2.47		3/23/2019	\$20.56	
3/24/2019	\$2.47		3/24/2019	\$22.79	
3/25/2019	\$2.47		3/25/2019	\$28.53	
3/26/2019	\$2.74		3/26/2019	\$18.82	
3/27/2019	\$2.59		3/27/2019	\$19.66	
3/28/2019	\$2.42		3/28/2019	\$18.50	
3/29/2019	\$2.32		3/29/2019	\$18.23	
3/30/2019	\$2.32		3/30/2019	\$19.99	
3/31/2019	\$2.32		3/31/2019	\$16.77	