EXH. PKW-32C
DOCKET UE-200980
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-200980**

SEVENTH EXHIBIT TO THE PREFILED SUPPLEMENTAL DIRECT TESTIMONY (CONFIDENTIAL) OF

PAUL K. WETHERBEE

ON BEHALF OF PUGET SOUND ENERGY

REDACTED VERSION

FEBRUARY 2, 2021

Puget Sound Energy

Rate Year Transmission Costs

2020 PCORC Supplemental

Shaded information is designated as confidential per Protective Order in Docket UE-200980

		Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	2020 PCORC Supplemental	2020 PCORC Initial Filing	Increase / (Decrease)
CAPACITY																
	Point-to-point (PTP)															
	Grant Priest Rapids / Midway (MW)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-
	Grant Priest Rapids / Midway (MW)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	-
	Grant Priest Rapids / Midway (MW)	150	150	150	150	150	150	150	150	150	150	150	150	150	150	-
	Rock Island (MW)	400	400	400	400	400	400	400	400	400	400	400	400	400	400	-
	Rocky Reach (MW)	160	160	160	160	160	160	160	160	160	160	160	160	160	160	-
	Rocky Reach (MW)	200	200	200	200	200	200	200	200	200	200	200	200	200	200	-
	Rocky Reach (MW)*	180	180	180	180	180	180	180	180	180	180	180	180	180	180	-
	Wanapum / Vantage (MW)	120	120	120	120	120	120	120	120	120	120	120	120	120	120	-
	Wanapum / Vantage (MW)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-
	Wanapum / Vantage (MW)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	-
	Wanapum / Vantage (MW)	169	169	169	169	169	169	169	169	169	169	169	169	169	169	-
	Wanapum / Vantage / MIDCREMOTE (MW)	23	23	23	23	23	23	23	23	23	23	23	23	23	23	-
	Wanapum / Vantage (redirect from HR, MW)	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-
	Vantage MIDC 230kV (MW)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	-
	Vantage Energize Eastside (MW)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	-
	Douglas / Wells (converted from IR, MW)	266	266	266	266	266	266	266	266	266	266	266	266	266	266	-
	Wells / Sickler (MW)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	-
	Klahanie / Newpoint (9/1/2018 - 9/1/2023, MW)	30	30	30	30	30	30	30	30	30	30	30	30	30	30	-
	Talen BPA (MW)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	-
	Montana / Garrison (MW)	94	94	94	94	94	94	94	94	94	94	94	94	94	94	-
	Covington / Clymer (MW)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-
	CW Paul /Centralia (MW)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	-
	Freddy 1 (MW)	137	137	137	137	137	137	137	137	137	137	137	137	137	137	-
	Hopkins Ridge (MW)	154	154	154	154	154	154	154	154	154	154	154	154	154	154	-
	LSR (original, MW)	200	200	200	200	200	200	200	200	200	200	200	200	200	200	-
	LSR (June 2012 addition, MW)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	-
	LSR (January 2016 increase, MW)	90	90	90	90	90	90	90	90	90	90	90	90	90	90	-
	Klondike PPA (MW)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	-
	Goldendale (MW)	250	250	250	250	250	250	250	250	250	250	250	250	250	250	-
	Goldendale (MW)	20	20	20	20	20	20	20	20	20	20	20	20	20	20	-
	Goldendale (MW)	27	27	27	27	27	27	27	27	27	27	27	27	27	27	-
	Goldendale (MW)*	18	18	18	18	18	18	18	18	18	18	18	18	18	18	-
	Mint Farm (MW)	293	293	293	293	293	293	293	293	293	293	293	293	293	293	-
	Mint Farm (MW)	27	27	27	27	27	27	27	27	27	27	27	27	27	27	-
	Mint Farm (station service, MW)	8	8	8	8	8	8	8	8	8	8	8	8	8	8	-
	PG&E South (All months, MW)	300	300	300	300	300	300	300	300	300	300	300	300	300	300	-
	PG&E North (All months, MW)	300	300	300	300	300	300	300	300	300	300	300	300	300	300	-
	Colstrip GARR-CHR demand (MW)	663	663	663	663	663	663	663	663	663	663	663	663	663	663	-
	Total long-term transmission capacity (MW)	**4,897**	**4,897**	**4,897**	**4,897**	**4,897**	**4,897**	**4,897**	**4,897**	**4,897**	**4,897**	**4,897**	**4,897**	**4,897**	**4,897**	**-**
RATES																
	Long-term PTP ($/kW/month)	$1.533	$1.533	$1.533	$1.533	$1.751	$1.751	$1.751	$1.751	$1.751	$1.751	$1.751	$1.751	$1.678	$1.564	$0.115
	Scheduling, syst. control, & dispatch ($/kW/month)	$0.317	$0.317	$0.317	$0.317	$0.371	$0.371	$0.371	$0.371	$0.371	$0.371	$0.371	$0.371	$0.353	$0.319	$0.034
	Spinning Reserve ($/MWh)	$9.530	$9.530	$9.530	$9.530	$11.438	$11.438	$11.438	$11.438	$11.438	$11.438	$11.438	$11.438	$10.802	$9.157	$1.645
	Supplemental Reserve ($/MWh)	$8.320	$8.320	$8.320	$8.320	$7.055	$7.055	$7.055	$7.055	$7.055	$7.055	$7.055	$7.055	$7.477	$8.073	($0.597)
	Regulating Reserves ($/kW/month)	$0.100	$0.100	$0.100	$0.100	$0.407	$0.407	$0.407	$0.407	$0.407	$0.407	$0.407	$0.407	$0.305	$0.653	($0.349)
	Following Reserves ($/kW/month)	$0.400	$0.400	$0.400	$0.400									$0.400	$0.400	$0.000
	Imbalance Reserves ($/kW/month)	$0.430	$0.430	$0.430	$0.430									$0.430	$0.4300	$0.000
	Avangrid Operating Reserves Rate $/MWH	$0.2678	$0.2678	$0.2678	$0.2678	$0.2678	$0.2678	$0.2678	$0.2678	$0.2678	$0.2678	$0.2678	$0.2678	$0.2678	$0.2678	$0.0000
	Avangrid WIC charges - Klondike III ($/kW/month)	$1.150	$1.150	$1.150	$1.150	$1.150	$1.150	$1.150	$1.150	$1.150	$1.150	$1.150	$1.150	$1.150	$1.150	$0.000
	TEMU Operating Reverves -Centralia ($MWH)	$0.329	$0.329	$0.329	$0.329	$0.329	$0.329	$0.329	$0.329	$0.329	$0.329	$0.329	$0.329	$0.329	$0.329	$0.000
	Energy Imbalance Service - HR (calculated rate, $/MWh)	$0.219	$0.256	$0.527	$0.679	$0.511	$0.491	$0.419	$0.502	$0.469	$0.442	$0.386	$0.253	$0.430	$0.425	$0.004
	Energy Imbalance Service - LSR(calculated rate, $/MWh)	$0.220	$0.246	$0.424	$0.639	$0.888	$1.097	$0.683	$0.962	$0.642	$0.723	$0.659	$0.465	$0.637	$0.633	$0.004
CHARGES																
12195	Priest Rapids / Midway (MW)	255	255	255	255	255	255	255	255	255	255	255	255	255	255	-
	Long-term PTP charges ($)	$390,915	$390,915	$390,915	$390,915	$446,505	$446,505	$446,505	$446,505	$446,505	$446,505	$446,505	$446,505	$5,135,700	$4,784,820	$350,880
	Scheduling & dispatch charges ($)	$80,835	$80,835	$80,835	$80,835	$94,605	$94,605	$94,605	$94,605	$94,605	$94,605	$94,605	$94,605	$1,080,180	$976,140	$104,040
	Total Priest Rapids / Midway charges ($)	**$471,750**	**$471,750**	**$471,750**	**$471,750**	**$541,110**	**$541,110**	**$541,110**	**$541,110**	**$541,110**	**$541,110**	**$541,110**	**$541,110**	**$6,215,880**	**$5,760,960**	**$454,920**
12195	Rock Island (MW)	400	400	400	400	400	400	400	400	400	400	400	400	400	400	-
	Long-term PTP charges ($)	$613,200	$613,200	$613,200	$613,200	$700,400	$700,400	$700,400	$700,400	$700,400	$700,400	$700,400	$700,400	$8,056,000	$7,505,600	$550,400
	Scheduling & dispatch charges ($)	$126,800	$126,800	$126,800	$126,800	$148,400	$148,400	$148,400	$148,400	$148,400	$148,400	$148,400	$148,400	$1,694,400	$1,531,200	$163,200
	Total Rock Island charges ($)	**$740,000**	**$740,000**	**$740,000**	**$740,000**	**$848,800**	**$848,800**	**$848,800**	**$848,800**	**$848,800**	**$848,800**	**$848,800**	**$848,800**	**$9,750,400**	**$9,036,800**	**$713,600**
12195	Rocky Reach (MW)	540	540	540	540	540	540	540	540	540	540	540	540	540	540	-
	Long-term PTP charges ($)	$827,820	$827,820	$827,820	$827,820	$945,540	$945,540	$945,540	$945,540	$945,540	$945,540	$945,540	$945,540	$10,875,600	$10,132,560	$743,040
	Scheduling & dispatch charges ($)	$171,180	$171,180	$171,180	$171,180	$200,340	$200,340	$200,340	$200,340	$200,340	$200,340	$200,340	$200,340	$2,287,440	$2,067,120	$220,320
	Total Rocky Reach charges ($)	**$999,000**	**$999,000**	**$999,000**	**$999,000**	**$1,145,880**	**$1,145,880**	**$1,145,880**	**$1,145,880**	**$1,145,880**	**$1,145,880**	**$1,145,880**	**$1,145,880**	**$13,163,040**	**$12,199,680**	**$963,360**

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		Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	2020 PCORC Supplemental	2020 PCORC Initial Filing	Increase / (Decrease)
12195	Wanapum / Vantage (MW)	520	520	520	520	520	520	520	520	520	520	520	520	520	520	-
	Long-term PTP charges ($)	$797,160	$797,160	$797,160	$797,160	$910,520	$910,520	$910,520	$910,520	$910,520	$910,520	$910,520	$910,520	$10,472,800	$9,757,280	$715,520
	Scheduling & dispatch charges ($)	$164,840	$164,840	$164,840	$164,840	$192,920	$192,920	$192,920	$192,920	$192,920	$192,920	$192,920	$192,920	$2,202,720	$1,990,560	$212,160
	Total Wanapum / Vantage charges ($)	**$962,000**	**$962,000**	**$962,000**	**$962,000**	**$1,103,440**	**$1,103,440**	**$1,103,440**	**$1,103,440**	**$1,103,440**	**$1,103,440**	**$1,103,440**	**$1,103,440**	**$12,675,520**	**$11,747,840**	**$927,680**
	Wells / Sickler (MW)	316	316	316	316	316	316	316	316	316	316	316	316	316	316	-
12195	Long-term PTP charges ($)	$484,428	$484,428	$484,428	$484,428	$553,316	$553,316	$553,316	$553,316	$553,316	$553,316	$553,316	$553,316	$6,364,240	$5,929,424	$434,816
	Scheduling & dispatch charges ($)	$100,172	$100,172	$100,172	$100,172	$117,236	$117,236	$117,236	$117,236	$117,236	$117,236	$117,236	$117,236	$1,338,576	$1,209,648	$128,928
	Total Wells / Sickler charges ($)	**$584,600**	**$584,600**	**$584,600**	**$584,600**	**$670,552**	**$670,552**	**$670,552**	**$670,552**	**$670,552**	**$670,552**	**$670,552**	**$670,552**	**$7,702,816**	**$7,139,072**	**$563,744**
12195	Garrison (Talen) BPA (MW)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	-
	Long-term PTP charges ($)	$76,650	$76,650	$76,650	$76,650	$87,550	$87,550	$87,550	$87,550	$87,550	$87,550	$87,550	$87,550	$1,007,000	$938,200	$68,800
	Scheduling & dispatch charges ($)	$15,850	$15,850	$15,850	$15,850	$18,550	$18,550	$18,550	$18,550	$18,550	$18,550	$18,550	$18,550	$211,800	$191,400	$20,400
	Total Garrison (Talen) BPA charges ($)	**$92,500**	**$92,500**	**$92,500**	**$92,500**	**$106,100**	**$106,100**	**$106,100**	**$106,100**	**$106,100**	**$106,100**	**$106,100**	**$106,100**	**$1,218,800**	**$1,129,600**	**$89,200**
12195	Montana / Garrison (MW)	94	94	94	94	94	94	94	94	94	94	94	94	94	94	-
	Long-term PTP charges ($)	$144,102	$144,102	$144,102	$144,102	$164,594	$164,594	$164,594	$164,594	$164,594	$164,594	$164,594	$164,594	$1,893,160	$1,763,816	$129,344
	Scheduling & dispatch charges ($)	$29,798	$29,798	$29,798	$29,798	$34,874	$34,874	$34,874	$34,874	$34,874	$34,874	$34,874	$34,874	$398,184	$359,832	$38,352
	Total Montana / Garrison charges ($)	**$173,900**	**$173,900**	**$173,900**	**$173,900**	**$199,468**	**$199,468**	**$199,468**	**$199,468**	**$199,468**	**$199,468**	**$199,468**	**$199,468**	**$2,291,344**	**$2,123,648**	**$167,696**
	Klahanie / Newpoint (MW)	30	30	30	30	30	30	30	30	30	30	30	30	30	30	-
12195	Long-term PTP charges ($)	$45,990	$45,990	$45,990	$45,990	$52,530	$52,530	$52,530	$52,530	$52,530	$52,530	$52,530	$52,530	$604,200	$562,920	$41,280
	Scheduling & dispatch charges ($)	$9,510	$9,510	$9,510	$9,510	$11,130	$11,130	$11,130	$11,130	$11,130	$11,130	$11,130	$11,130	$127,080	$114,840	$12,240
	Total Klahanie / Newpoint charges ($)	**$55,500**	**$55,500**	**$55,500**	**$55,500**	**$63,660**	**$63,660**	**$63,660**	**$63,660**	**$63,660**	**$63,660**	**$63,660**	**$63,660**	**$731,280**	**$677,760**	**$53,520**
12195	Covington for Clymer (MW)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-
	Long-term PTP charges ($)	$7,665	$7,665	$7,665	$7,665	$8,755	$8,755	$8,755	$8,755	$8,755	$8,755	$8,755	$8,755	$100,700	$93,820	$6,880
	Scheduling & dispatch charges ($)	$1,585	$1,585	$1,585	$1,585	$1,855	$1,855	$1,855	$1,855	$1,855	$1,855	$1,855	$1,855	$21,180	$19,140	$2,040
	Total Covington for Clymer charges ($)	**$9,250**	**$9,250**	**$9,250**	**$9,250**	**$10,610**	**$10,610**	**$10,610**	**$10,610**	**$10,610**	**$10,610**	**$10,610**	**$10,610**	**$121,880**	**$112,960**	**$8,920**
12195	CW Paul / Centralia (MW)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	-
	Long-term PTP charges ($)	$153,300	$153,300	$153,300	$153,300	$175,100	$175,100	$175,100	$175,100	$175,100	$175,100	$175,100	$175,100	$2,014,000	$1,876,400	$137,600
	Scheduling & dispatch charges ($)	$31,700	$31,700	$31,700	$31,700	$37,100	$37,100	$37,100	$37,100	$37,100	$37,100	$37,100	$37,100	$423,600	$382,800	$40,800
	Total CW Paul /Centralia charges ($)	**$185,000**	**$185,000**	**$185,000**	**$185,000**	**$212,200**	**$212,200**	**$212,200**	**$212,200**	**$212,200**	**$212,200**	**$212,200**	**$212,200**	**$2,437,600**	**$2,259,200**	**$178,400**
	Total Mid-C and market purchases	**$4,273,500**	**$4,273,500**	**$4,273,500**	**$4,273,500**	**$4,901,820**	**$4,901,820**	**$4,901,820**	**$4,901,820**	**$4,901,820**	**$4,901,820**	**$4,901,820**	**$4,901,820**	**$56,308,560**	**$52,187,520**	**$4,121,040**
11539	Freddy 1 (MW)	137	137	137	137	137	137	137	137	137	137	137	137	137	137	-
	Short Distance Discount	($36,853.00)	($36,853.00)	($36,853.00)	($36,853.00)	($36,853.00)	($36,853.00)	($36,853.00)	($36,853.00)	($36,853.00)	($36,853.00)	($36,853.00)	($36,853.00)	($442,236)	($442,236.00)	$0
	Long-term PTP charges ($)	$210,021	$210,021	$210,021	$210,021	$239,887	$239,887	$239,887	$239,887	$239,887	$239,887	$239,887	$239,887	$2,759,180	$2,570,668	$188,512
	Scheduling & dispatch charges ($)	$43,429	$43,429	$43,429	$43,429	$50,827	$50,827	$50,827	$50,827	$50,827	$50,827	$50,827	$50,827	$580,332	$524,436	$55,896
	Total Freddy 1 charges ($)	**$216,597**	**$216,597**	**$216,597**	**$216,597**	**$253,861**	**$253,861**	**$253,861**	**$253,861**	**$253,861**	**$253,861**	**$253,861**	**$253,861**	**$2,897,276**	**$2,652,868**	**$244,408**
12195	Goldendale (MW)	315	315	315	315	315	315	315	315	315	315	315	315	315	315	-
	Long-term PTP charges ($)	$482,895	$482,895	$482,895	$482,895	$551,565	$551,565	$551,565	$551,565	$551,565	$551,565	$551,565	$551,565	$6,344,100	$5,910,660	$433,440
	Scheduling & dispatch charges ($)	$99,855	$99,855	$99,855	$99,855	$116,865	$116,865	$116,865	$116,865	$116,865	$116,865	$116,865	$116,865	$1,334,340	$1,205,820	$128,520
	Klickitat County PUD charges ($)	$112,488	$114,216	$114,216	$114,216	$114,216	$114,216	$114,216	$114,216	$114,216	$114,216	$114,216	$114,216	$1,368,864	$1,368,864	$0
	Total Goldendale charges ($)	**$695,238**	**$696,966**	**$696,966**	**$696,966**	**$782,646**	**$782,646**	**$782,646**	**$782,646**	**$782,646**	**$782,646**	**$782,646**	**$782,646**	**$9,047,304**	**$8,485,344**	**$561,960**
12195	Mint Farm (MW)	328	328	328	328	328	328	328	328	328	328	328	328	328	328	-
	Long-term PTP charges ($)	$502,824	$502,824	$502,824	$502,824	$574,328	$574,328	$574,328	$574,328	$574,328	$574,328	$574,328	$574,328	$6,605,920	$6,154,592	$451,328
	Scheduling & dispatch charges ($)	$103,976	$103,976	$103,976	$103,976	$121,688	$121,688	$121,688	$121,688	$121,688	$121,688	$121,688	$121,688	$1,389,408	$1,255,584	$133,824
	Total Mint Farm charges ($)	**$606,800**	**$606,800**	**$606,800**	**$606,800**	**$696,016**	**$696,016**	**$696,016**	**$696,016**	**$696,016**	**$696,016**	**$696,016**	**$696,016**	**$7,995,328**	**$7,410,176**	**$585,152**
	Total Gas Fired Generation	**$1,518,635**	**$1,520,363**	**$1,520,363**	**$1,520,363**	**$1,732,523**	**$1,732,523**	**$1,732,523**	**$1,732,523**	**$1,732,523**	**$1,732,523**	**$1,732,523**	**$1,732,523**	**$19,939,908**	**$18,548,388**	**$1,391,520**
12195	PG&E South (MW)	300	300	300	300	300	300	300	300	300	300	300	300	300	300	-
	PG&E North (MW)	300	300	300	300	300	300	300	300	300	300	300	300	300	300	-
	Long-term PTP charges ($)	$919,800	$919,800	$919,800	$919,800	$1,050,600	$1,050,600	$1,050,600	$1,050,600	$1,050,600	$1,050,600	$1,050,600	$1,050,600	$12,084,000	$11,258,400	$825,600
	Scheduling & dispatch charges ($)	$190,200	$190,200	$190,200	$190,200	$222,600	$222,600	$222,600	$222,600	$222,600	$222,600	$222,600	$222,600	$2,541,600	$2,296,800	$244,800
	Total PG&E exchange charges ($)	**$1,110,000**	**$1,110,000**	**$1,110,000**	**$1,110,000**	**$1,273,200**	**$1,273,200**	**$1,273,200**	**$1,273,200**	**$1,273,200**	**$1,273,200**	**$1,273,200**	**$1,273,200**	**$14,625,600**	**$13,555,200**	**$1,070,400**
12195	Colstrip GARR-CHR demand (MW)	663	663	663	663	663	663	663	663	663	663	663	663	663	663	-
	Long-term PTP charges ($)	$1,016,379	$1,016,379	$1,016,379	$1,016,379	$1,160,913	$1,160,913	$1,160,913	$1,160,913	$1,160,913	$1,160,913	$1,160,913	$1,160,913	$13,352,820	$12,440,532	$912,288
	Scheduling & dispatch charges ($)	$210,171	$210,171	$210,171	$210,171	$245,973	$245,973	$245,973	$245,973	$245,973	$245,973	$245,973	$245,973	$2,808,468	$2,537,964	$270,504
90210	TGT Firm Demand- MNT Intertie ($)	$344,080	$344,080	$344,080	$344,080	$344,080	$344,080	$344,080	$344,080	$344,080	$344,080	$344,080	$344,080	$4,128,960	$4,128,960	$0
	NWE Terminal Charge (230KV rent expense, $)	$11,200	$11,200	$11,200	$11,200	$11,200	$11,200	$11,200	$11,200	$11,200	$11,200	$11,200	$11,200	$134,400	$134,400	$0
	NWE "BPA Line Comp" (500KV rent expense, $)	$22,522	$22,522	$22,522	$22,522	$22,522	$22,522	$22,522	$22,522	$22,522	$22,522	$22,522	$22,522	$270,264	$270,264	$0
	Total Colstrip charges ($)	**$1,604,352**	**$1,604,352**	**$1,604,352**	**$1,604,352**	**$1,784,688**	**$1,784,688**	**$1,784,688**	**$1,784,688**	**$1,784,688**	**$1,784,688**	**$1,784,688**	**$1,784,688**	**$20,694,912**	**$19,512,120**	**$1,182,792**
	Total Colstrip and PG&E exchange ($)	**$2,714,352**	**$2,714,352**	**$2,714,352**	**$2,714,352**	**$3,057,888**	**$3,057,888**	**$3,057,888**	**$3,057,888**	**$3,057,888**	**$3,057,888**	**$3,057,888**	**$3,057,888**	**$35,320,512**	**$33,067,320**	**$2,253,192**

Shaded information is designated as confidential per Protective Order in Docket UE-200980

		Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	2020 PCORC Supplemental	2020 PCORC Initial Filing	Increase / (Decrease)
12195	Hopkins Ridge MW	154	154	154	154	154	154	154	154	154	154	154	154	154	154	-
	Long-term PTP charges ($)	$236,082	$236,082	$236,082	$236,082	$269,654	$269,654	$269,654	$269,654	$269,654	$269,654	$269,654	$269,654	$3,101,560	$2,889,656	$211,904
	Scheduling & dispatch charges ($)	$48,818	$48,818	$48,818	$48,818	$57,134	$57,134	$57,134	$57,134	$57,134	$57,134	$57,134	$57,134	$652,344	$589,512	$62,832
	Subtotal Hopkins Ridge fixed PTP charges ($)	$284,900	$284,900	$284,900	$284,900	$326,788	$326,788	$326,788	$326,788	$326,788	$326,788	$326,788	$326,788	$3,753,904	$3,479,168	$274,736
11040	Regulating reserves charges on 156.6 MW ($)	$15,660	$15,660	$15,660	$15,660	$63,736	$63,736	$63,736	$63,736	$63,736	$63,736	$63,736	$63,736	$572,530	$1,227,744	($655,214)
11040	Following reserves charges on 156.6 MW ($)	$62,640	$62,640	$62,640	$62,640	$0	$0	$0	$0	$0	$0	$0	$0	$250,560	$250,560	$0
11040	Imbalance reserves charges on 156.6 MW ($)	$67,338	$67,338	$67,338	$67,338	$0	$0	$0	$0	$0	$0	$0	$0	$269,352	$269,352	$0
	Subtotal Hopkins Ridge fixed VERBS charges ($)	$145,638	$145,638	$145,638	$145,638	$63,736	$63,736	$63,736	$63,736	$63,736	$63,736	$63,736	$63,736	$1,092,442	$1,747,656	($655,214)
	Hopkins Ridge rate year generation (MWh)															-93
	Billing factor for spin & supplemental reserves	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	0.00%
	Generator imbalance charges ($)															$1,555
	Spinning reserves charges ($)															$10,678
	Supplemental reserves charges ($)															($3,888)
	Subtotal Hopkins Ridge variable charges ($)															$8,346
	Total Hopkins Ridge transmission charges ($															**($372,133)**
	Lower Snake River MW	340	340	340	340	340	340	340	340	340	340	340	340	340	340	-
12195	Long-term PTP charges ($)	$521,220	$521,220	$521,220	$521,220	$536,860	$536,860	$536,860	$536,860	$536,860	$536,860	$536,860	$536,860	$6,379,760	$6,379,760	$0
12195	Scheduling & dispatch charges ($)	$107,780	$107,780	$107,780	$107,780	$126,140	$126,140	$126,140	$126,140	$126,140	$126,140	$126,140	$126,140	$1,440,240	$1,301,520	$138,720
	Subtotal LSR fixed PTP charges ($)	$629,000	$629,000	$629,000	$629,000	$663,000	$663,000	$663,000	$663,000	$663,000	$663,000	$663,000	$663,000	$7,820,000	$7,681,280	$138,720
	Regulating reserves charges on 342.7 MW ($)	$34,270	$34,270	$34,270	$34,270	$139,479	$139,479	$139,479	$139,479	$139,479	$139,479	$139,479	$139,479	$1,252,911	$2,686,768	($1,433,857)
	Following reserves charges on 342.7 MW ($)	$137,080	$137,080	$137,080	$137,080	$0	$0	$0	$0	$0	$0	$0	$0	$548,320	$548,320	$0
	Imbalance reserves charges on 342.7 MW ($)	$147,361	$147,361	$147,361	$147,361	$0	$0	$0	$0	$0	$0	$0	$0	$589,444	$589,444	$0
	Subtotal LSR fixed VERBS charges ($)	$318,711	$318,711	$318,711	$318,711	$139,479	$139,479	$139,479	$139,479	$139,479	$139,479	$139,479	$139,479	$2,390,675	$3,824,532	($1,433,857)
	LSR rate year generation (MWh															-263
	Billing factor for spin & supplemental reserves	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	0.00%
	Generator imbalance charges ($															$3,067
	Spinning reserves charges ($															$21,302
	Supplemental reserves charges ($															($7,769)
	Subtotal LSR variable charges ($															$16,600
	Customer interest on prepaid LGIA costs ($)	($169,418)	($174,194)	($172,682)	($166,352)	($171,622)	($165,304)	($168,507)	($168,275)	($152,760)	($165,159)	($160,277)	($163,312)	($1,997,862)	($1,997,862)	$0
	Total Lower Snake River transmission charges ($)															**($1,278,537)**
	Klondike III MW	50	50	50	50	50	50	50	50	50	50	50	50	50	50	-
12195	Long-term PTP charges ($)	$76,650	$76,650	$76,650	$76,650	$87,550	$87,550	$87,550	$87,550	$87,550	$87,550	$87,550	$87,550	$1,007,000	$938,200	$68,800
12195	Scheduling & dispatch charges ($)	$15,850	$15,850	$15,850	$15,850	$18,550	$18,550	$18,550	$18,550	$18,550	$18,550	$18,550	$18,550	$211,800	$191,400	$20,400
	Subtotal Klondike III fixed PTP charges ($)	$92,500	$92,500	$92,500	$92,500	$106,100	$106,100	$106,100	$106,100	$106,100	$106,100	$106,100	$106,100	$1,218,800	$1,129,600	$89,200
	Avangrid WIC charges ($)	$28,750	$28,750	$28,750	$28,750	$28,750	$28,750	$28,750	$28,750	$28,750	$28,750	$28,750	$28,750	$345,000	$345,000	$0
	Klondike III rate year generation (MWh															0
	Avangrid Operating Reserves	$4,472	$4,368	$4,043	$2,636	$1,868	$1,964	$1,860	$1,713	$1,922	$2,681	$3,768	$3,902	$35,196	$35,196	$0
	Total Klondike III transmission charges ($)															**$89,200**
	Wild Horse Grant PUD UFT charges ($)	$11,746	$11,746	$11,746	$11,746	$11,746	$11,746	$11,746	$11,746	$11,746	$11,746	$11,746	$11,746	$140,952	$140,952	$0
	Total Wind	**$1,403,166**	**$1,390,381**	**$1,410,970**	**$1,428,742**	**$1,273,845**	**$1,289,266**	**$1,263,221**	**$1,279,872**	**$1,269,365**	**$1,299,662**	**$1,286,336**	**$1,257,887**	**$15,852,712**	**$17,414,182**	**($1,561,470)**
	Days	30	31	31	30	31	30	31	31	28	31	30	31	365	365	
	MWh															-
	TEMU Operating Reverves Charges															$0
	Total Centralia PPA															**$0**
	O&M and other firm transmission charges															
75628	UFT Maple Valley ($)													$0	$0	$0
75365	UFT Sedro Woolley Tap ($)													$0	$0	$0
9171	O&M Kitsap ($)	$1,452	$1,452	$1,452	$1,452	$1,452	$1,452	$1,452	$1,452	$1,452	$1,452	$1,452	$1,452	$17,424	$17,424	$0
9231	O&M Custer ($)	$608	$608	$608	$608	$608	$608	$608	$608	$608	$608	$608	$608	$7,296	$7,296	$0
10400	O&M Harvalum-EE Clouse ($)	$608	$608	$608	$608	$608	$608	$608	$608	$608	$608	$608	$608	$7,296	$7,296	$0
12342	O&M Bellingham ($)	$3,507	$3,507	$3,507	$3,507	$3,507	$3,507	$3,507	$3,507	$3,507	$3,507	$3,507	$3,507	$42,084	$42,084	$0
19305	O&M Olympia ($)	$765	$765	$765	$765	$765	$765	$765	$765	$765	$765	$765	$765	$9,180	$9,180	$0
49160	O&M CW Paul ($)	$1,649	$1,649	$1,649	$1,649	$1,649	$1,649	$1,649	$1,649	$1,649	$1,649	$1,649	$1,649	$19,788	$19,788	$0
72933	O&M Covington-White River ($)	$754	$754	$754	$754	$754	$754	$754	$754	$754	$754	$754	$754	$9,048	$9,048	$0
90115	O&M Bellingham ($)													$0	$0	$0
90115	O&M Covington ($)													$0	$0	$0
90115	O&M Covington-Berrydale ($)													$0	$0	$0
90115	O&M Kitsap-Bremerton ($)													$0	$0	$0
	AC-95 SINT Non Fed O&M, 3rd AC Intertie ($)	101,600	101,600	101,600	101,600	101,600	101,600	101,600	106,680	106,680	106,680	106,680	106,680	1,244,600	1,244,600	-
	Total other firm transmission charges	**$110,943**	**$110,943**	**$110,943**	**$110,943**	**$110,943**	**$110,943**	**$110,943**	**$116,023**	**$116,023**	**$116,023**	**$116,023**	**$116,023**	**$1,356,716**	**$1,356,716**	**$0**

REDACTED VERSION

Shaded information is designated as confidential per Protective Order in Docket UE-200980

	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	2020 PCORC Supplemental	2020 PCORC Initial Filing	Increase / (Decrease)
Non-firm/secondary transmission charges	**$74,874**	**$74,874**	**$74,874**	**$74,874**	**$74,874**	**$74,874**	**$74,874**	**$74,874**	**$74,874**	**$74,874**	**$74,874**	**$74,874**	**$898,489**	**$898,489**	**$0**
PSANI Denney Way Upgrade Amortization	**$6,495**	**$6,495**	**$6,495**	**$6,495**	**$6,495**	**$6,495**	**$6,495**	**$6,495**	**$6,495**	**$6,495**	**$6,495**	**$6,495**	**$77,945**	**$77,945**	**$0**
PSANI Bothell-Snoking Upgrade Amortization	**$2,285**	**$2,285**	**$2,285**	**$2,285**	**$2,285**	**$2,285**	**$2,285**	**$2,285**	**$2,285**	**$2,285**	**$2,285**	**$2,285**	**$27,420**	**$27,420**	**$0**
Talen Amortization	**$60,607**	**$60,607**	**$60,607**	**$60,607**	**$60,607**	**$60,607**	**$60,607**	**$60,607**	**$60,607**	**$60,607**	**$60,607**	**$60,607**	**$727,282**	**$727,282**	**$0**
Annual Beverly Park UFE and Maintenance	**$5,316**	**$5,316**	**$5,316**	**$5,316**	**$5,316**	**$5,316**	**$5,316**	**$5,316**	**$5,316**	**$5,316**	**$5,316**	**$5,316**	**$63,796**	**$63,796**	**$0**
Total rate year costs summary															
Total Mid-C and market purchases ($)	$4,273,500	$4,273,500	$4,273,500	$4,273,500	$4,901,820	$4,901,820	$4,901,820	$4,901,820	$4,901,820	$4,901,820	$4,901,820	$4,901,820	$56,308,560	$52,187,520	$4,121,040
Total gas-fired generation ($)	$1,518,635	$1,520,363	$1,520,363	$1,520,363	$1,732,523	$1,732,523	$1,732,523	$1,732,523	$1,732,523	$1,732,523	$1,732,523	$1,732,523	$19,939,908	$18,548,388	$1,391,520
Total Colstrip and PG&E exchange ($)	$2,714,352	$2,714,352	$2,714,352	$2,714,352	$3,057,888	$3,057,888	$3,057,888	$3,057,888	$3,057,888	$3,057,888	$3,057,888	$3,057,888	$35,320,512	$33,067,320	$2,253,192
Total wind ($)	$1,403,166	$1,390,381	$1,410,970	$1,428,742	$1,273,845	$1,289,266	$1,263,221	$1,279,872	$1,269,365	$1,299,662	$1,286,336	$1,257,887	$15,852,712	$17,414,182	($1,561,470)
Total Centralia PPA ($)	66,226	68,433	68,433	66,226	68,433	66,226	68,433	68,433	61,811	68,433	66,226	68,433	805,745	805,745	-
Total other firm transmission charges ($)	$110,943	$110,943	$110,943	$110,943	$110,943	$110,943	$110,943	$116,023	$116,023	$116,023	$116,023	$116,023	$1,356,716	$1,356,716	$0
Total non-firm/secondary transmission charges ($)	$74,874	$74,874	$74,874	$74,874	$74,874	$74,874	$74,874	$74,874	$74,874	$74,874	$74,874	$74,874	$898,489	$898,489	$0
PSANI Denney Way Upgrade Amortization ($)	$6,495	$6,495	$6,495	$6,495	$6,495	$6,495	$6,495	$6,495	$6,495	$6,495	$6,495	$6,495	$77,945	$77,945	$0
Talen Amortization ($)	$60,607	$60,607	$60,607	$60,607	$60,607	$60,607	$60,607	$60,607	$60,607	$60,607	$60,607	$60,607	$727,282	$727,282	$0
PSANI Bothell-Snoking Upgrade Amortization ($)	$2,285	$2,285	$2,285	$2,285	$2,285	$2,285	$2,285	$2,285	$2,285	$2,285	$2,285	$2,285	$27,420	$27,420	$0
Annual Beverly Park UFE and Maintenance ($)	5,316	5,316	5,316	5,316	5,316	5,316	5,316	5,316	5,316	5,316	5,316	5,316	63,796	63,796	-
Total excluding Chelan and transmission Resale	**$10,236,399**	**$10,227,550**	**$10,248,139**	**$10,263,703**	**$11,295,029**	**$11,308,243**	**$11,284,406**	**$11,306,136**	**$11,289,008**	**$11,325,927**	**$11,310,394**	**$11,284,152**	**$131,379,086**	**$125,174,804**	**$6,204,282**
Chelan Transmission	453,009	464,334	464,334	464,334	464,334	464,334	464,334	464,334	464,334	464,334	464,334	464,334	5,560,687	5,560,687	-
Transmission re-assignments	(166,576)	(214,382)	(189,776)	(78,275)	(37,502)	(89,835)	(373,555)	(288,870)	(350,024)	(157,463)	(141,639)	(283,165)	(2,371,060)	(2,371,060)	-
Total transmission costs	**$10,522,833**	**$10,477,503**	**$10,522,697**	**$10,649,763**	**$11,721,862**	**$11,682,743**	**$11,375,186**	**$11,481,601**	**$11,403,319**	**$11,632,798**	**$11,633,089**	**$11,465,321**	**$134,568,713**	**$128,364,431**	**$6,204,282**

1 PSE inadvertently excluded these transmission contracts in its power cost calculation for the 2019 GRC.

Rate year: June 2021 through May 2022
Test year: July 2019 through June 2020