

CEDAR CREEK OPTION 1

TABLE 1: COST BEFORE CITY TAKES OWNERSHIP											
Year	Demand per Year (WTP 2) (kWh)	Solar Output (kWh/year)	Demand Provided by Conexus (kWh/yr)	Cost per kWh (PPA Agreement)	PPA Cost	Average Cost of kWh from Conexus (Jan 2020 to May 2022)	Cost from Conexus	Cost to Buy at Year 7	O&M Cost		
1	2053440	269700	1783740	\$0.1125	\$30,341.25	\$0.104	\$185,508.96		\$500.00		
2	2053440	268352	1785089	\$0.1125	\$30,189.54	\$0.106	\$189,362.19		\$515.00		
3	2053440	267010	1786430	\$0.1125	\$30,038.60	\$0.108	\$193,294.61		\$530.45		
4	2053440	265675	1787765	\$0.1125	\$29,888.40	\$0.110	\$197,307.85		\$546.36		
5	2053440	264346	1789094	\$0.1125	\$29,738.96	\$0.113	\$201,403.54		\$562.75		
6	2053440	263025	1790415	\$0.1125	\$29,590.27	\$0.115	\$205,583.38		\$579.64		
7	2053440	261709	1791731	\$0.1125	\$29,442.31	\$0.117	\$209,849.08	\$274,000.00	\$597.03		
Total Costs					\$209,229.33		\$1,382,309.61	\$274,000.00	\$3,831.23		
										Total PPA Cost after Buyout:	\$487,060.56
TABLE 2: MONEY SAVED PER YEAR WHILE CITY HAS OWNERSHIP											
Year	Demand per Year (WTP 2) (kWh)	Solar Output (kWh/year)	Demand Provided by Conexus (kWh/yr)	Cost per kWh Saved	PPA Cost Saved before O&M	Average Cost of kWh from Conexus (Jan 2020 to May 2022)	Cost from Conexus	Cost to Buy at Year 7	O&M Cost	Money Saved per Year After Buyout	Total Cost at 7 Years-Money Saved
8	2053440	260401	1793039	\$0.1195	\$31,108.36	\$0.119	\$214,202.38	N/A	\$614.94	\$30,493.42	\$456,567.15
9	2053440	259099	1794341	\$0.1219	\$31,571.87	\$0.122	\$218,645.08	N/A	\$633.39	\$30,938.48	\$425,628.67
10	2053440	257803	1795637	\$0.1243	\$32,042.29	\$0.124	\$223,179.00	N/A	\$652.39	\$31,389.90	\$394,238.77
11	2053440	256514	1796926	\$0.1268	\$32,519.72	\$0.127	\$227,806.00	N/A	\$671.96	\$31,847.76	\$362,391.01
12	2053440	255232	1798208	\$0.1293	\$33,004.26	\$0.129	\$232,527.97	N/A	\$692.12	\$32,312.14	\$330,078.86
13	2053440	253956	1799484	\$0.1319	\$33,496.03	\$0.132	\$237,346.85	N/A	\$712.88	\$32,783.15	\$297,295.71
14	2053440	252686	1800754	\$0.1345	\$33,995.12	\$0.135	\$242,264.62	N/A	\$734.27	\$33,260.85	\$264,034.87
15	2053440	251422	1802018	\$0.1372	\$34,501.65	\$0.137	\$247,283.28	N/A	\$756.29	\$33,745.36	\$230,289.51
16	2053440	250165	1803275	\$0.1400	\$35,015.72	\$0.140	\$252,404.91	N/A	\$778.98	\$34,236.74	\$196,052.77
17	2053440	248915	1804525	\$0.1428	\$35,537.46	\$0.143	\$257,631.58	N/A	\$802.35	\$34,735.11	\$161,317.66
18	2053440	247670	1805770	\$0.1456	\$36,066.96	\$0.146	\$262,965.46	N/A	\$826.42	\$35,240.54	\$126,077.12
19	2053440	246432	1807008	\$0.1485	\$36,604.36	\$0.149	\$268,408.71	N/A	\$851.22	\$35,753.14	\$90,323.98
20	2053440	245199	1808241	\$0.1515	\$37,149.77	\$0.152	\$273,963.56	N/A	\$876.75	\$36,273.02	\$54,050.96
21	2053440	243973	1809467	\$0.1545	\$37,703.30	\$0.155	\$279,632.30	N/A	\$903.06	\$36,800.24	\$17,250.72
22	2053440	242754	1810686	\$0.1576	\$38,265.08	\$0.158	\$285,417.23	N/A	\$930.15	\$37,334.93	-\$20,084.20
23	2053440	241540	1811900	\$0.1608	\$38,835.23	\$0.161	\$291,320.73	N/A	\$958.05	\$37,877.18	-\$57,961.38
24	2053440	240332	1813108	\$0.1640	\$39,413.87	\$0.164	\$297,345.20	N/A	\$986.79	\$38,427.08	-\$96,388.46
25	2053440	239130	1814310	\$0.1673	\$40,001.14	\$0.167	\$303,493.12	N/A	\$1,016.40	\$38,984.74	-\$135,373.20

Notes

Assuming City of Blaine will not start recouping costs until buyout at year 7.

Utility demand data for WTP 4 does not have data for June and July; plant also not running at full capacity.

Table assumes annual 2% increase in Connexus utility rate per kWh.

Cedar Creek Option 1- 25 year PPA with starting rate of \$0.1225 per kWh. Rate is fixed for 25 years. Buyout at year 7 estimated to be \$274,000.

Breakeven point highlighted in green.

After buyout, savings are assumed to be average cost per kWh from Conexus multiplied by the solar output.

Demand per year is the average demand for WTP-2 during the months of May 2021 to September 2021 multiplied by 12 months to get demand per year.

CEDAR CREEK OPTION 2

TABLE 1: COST BEFORE CITY TAKES OWNERSHIP											
Year	Demand per Year (WTP 2) (kWh)	Solar Output (kWh/year)	Demand Provided by Conexus (kWh/yr)	Cost per kWh (PPA Agreement)	PPA Cost	Average Cost of kWh from Conexus (Jan 2020 to May 2022)	Cost from Conexus	Cost to Buy at Year 7	O&M Cost		
1	2053440	269700	1783740	\$0.1025	\$27,644.25	\$0.104	\$185,508.96		\$500.00		
2	2053440	268352	1785089	\$0.1046	\$28,056.15	\$0.106	\$189,362.19		\$515.00		
3	2053440	267010	1786430	\$0.1066	\$28,474.19	\$0.108	\$193,294.61		\$530.45		
4	2053440	265675	1787765	\$0.1088	\$28,898.45	\$0.110	\$197,307.85		\$546.36		
5	2053440	264346	1789094	\$0.1109	\$29,329.04	\$0.113	\$201,403.54		\$562.75		
6	2053440	263025	1790415	\$0.1132	\$29,766.04	\$0.115	\$205,583.38		\$579.64		
7	2053440	261709	1791731	\$0.1154	\$30,209.55	\$0.117	\$209,849.08	\$274,000.00	\$597.03		
Total Costs					\$202,377.67		\$1,382,309.61	\$274,000.00	\$3,831.23		
										Total PPA Cost after Buyout:	\$480,208.90
TABLE 2: MONEY SAVED PER YEAR WHILE CITY HAS OWNERSHIP											
Year	Demand per Year (WTP 2) (kWh)	Solar Output (kWh/year)	Demand Provided by Conexus (kWh/yr)	Cost per kWh Saved	PPA Cost Saved before O&M	Average Cost of kWh from Conexus (Jan 2020 to May 2022)	Cost from Conexus	Cost to Buy at Year 7	O&M Cost	Money Saved per Year after Buyout	Total Cost at 7 Years-Money Saved
8	2053440	260401	1793039	\$0.119	\$31,108.36	\$0.119	\$214,202.38	N/A	\$614.94	\$30,493.42	\$449,715.49
9	2053440	259099	1794341	\$0.122	\$31,571.87	\$0.122	\$218,645.08	N/A	\$633.39	\$30,938.48	\$418,777.01
10	2053440	257803	1795637	\$0.124	\$32,042.29	\$0.124	\$223,179.00	N/A	\$652.39	\$31,389.90	\$387,387.10
11	2053440	256514	1796926	\$0.127	\$32,519.72	\$0.127	\$227,806.00	N/A	\$671.96	\$31,847.76	\$355,539.34
12	2053440	255232	1798208	\$0.129	\$33,004.26	\$0.129	\$232,527.97	N/A	\$692.12	\$32,312.14	\$323,227.20
13	2053440	253956	1799484	\$0.132	\$33,496.03	\$0.132	\$237,346.85	N/A	\$712.88	\$32,783.15	\$290,444.05
14	2053440	252686	1800754	\$0.135	\$33,995.12	\$0.135	\$242,264.62	N/A	\$734.27	\$33,260.85	\$257,183.20
15	2053440	251422	1802018	\$0.137	\$34,501.65	\$0.137	\$247,283.28	N/A	\$756.29	\$33,745.36	\$223,437.84
16	2053440	250165	1803275	\$0.140	\$35,015.72	\$0.140	\$252,404.91	N/A	\$778.98	\$34,236.74	\$189,201.10
17	2053440	248915	1804525	\$0.143	\$35,537.46	\$0.143	\$257,631.58	N/A	\$802.35	\$34,735.11	\$154,466.00
18	2053440	247670	1805770	\$0.146	\$36,066.96	\$0.146	\$262,965.46	N/A	\$826.42	\$35,240.54	\$119,225.45
19	2053440	246432	1807008	\$0.149	\$36,604.36	\$0.149	\$268,408.71	N/A	\$851.22	\$35,753.14	\$83,472.31
20	2053440	245199	1808241	\$0.152	\$37,149.77	\$0.152	\$273,963.56	N/A	\$876.75	\$36,273.02	\$47,199.30
21	2053440	243973	1809467	\$0.155	\$37,703.30	\$0.155	\$279,632.30	N/A	\$903.06	\$36,800.24	\$10,399.06
22	2053440	242754	1810686	\$0.158	\$38,265.08	\$0.158	\$285,417.23	N/A	\$930.15	\$37,334.93	-\$26,935.87
23	2053440	241540	1811900	\$0.161	\$38,835.23	\$0.161	\$291,320.73	N/A	\$958.05	\$37,877.18	-\$64,813.04
24	2053440	240332	1813108	\$0.164	\$39,413.87	\$0.164	\$297,345.20	N/A	\$986.79	\$38,427.08	-\$103,240.12
25	2053440	239130	1814310	\$0.167	\$40,001.14	\$0.167	\$303,493.12	N/A	\$1,016.40	\$38,984.74	-\$142,224.86

Notes

Assuming City of Blaine will not start recouping costs until buyout at year 7.  
Utility demand data for WTP 4 does not have data for June and July; plant also not running at full capacity.  
Table assumes annual 2% increase in Connexus utility rate per kWh.  
Cedar Creek Option 2-25 year PPA with a starting rate of \$0.1025 per kWh with a 2% annual increase. Buyout in year 7 \$274,000.  
Breakeven point highlighted in green.  
After buyout, savings are assumed to be average cost per kWh from Conexus multiplied by the solar output.  
Demand per year is the average demand for WTP-2 during the months of May 2021 to September 2021 multiplied by 12 months to get demand per year.

CEDAR CREEK OPTION 3

TABLE 1: COST BEFORE CITY TAKES OWNERSHIP											
Year	Demand per Year (WTP 2) (kWh)	Solar Output (kWh/year)	Demand Provided by Conexus (kWh/yr)	Cost per kWh (PPA Agreement)	PPA Cost	Average Cost of kWh from Conexus (Jan 2020 to May 2022)	Cost from Conexus	Cost to Buy at Year 6	O&M Cost	Initial Payment	
1	2053440	269700	1783740	\$0.0150	\$4,045.50	\$0.104	\$185,508.96		\$500.00	\$367,000.00	
2	2053440	268352	1785089	\$0.0150	\$4,025.27	\$0.106	\$189,362.19		\$515.00		
3	2053440	267010	1786430	\$0.0150	\$4,005.15	\$0.108	\$193,294.61		\$530.45		
4	2053440	265675	1787765	\$0.0150	\$3,985.12	\$0.110	\$197,307.85		\$546.36		
5	2053440	264346	1789094	\$0.0150	\$3,965.19	\$0.113	\$201,403.54		\$562.75		
6	2053440	263025	1790415	\$0.0150	\$3,945.37	\$0.115	\$205,583.38		\$579.64		
Total Costs					\$23,971.60		\$1,873,486.70	\$1.00	\$3,234.20		
										Total PPA Cost after Buyout:	\$394,206.80
TABLE 2: MONEY SAVED PER YEAR WHILE CITY HAS OWNERSHIP											
Year	Demand per Year (WTP 2) (kWh)	Solar Output (kWh/year)	Demand Provided by Conexus (kWh/yr)	Cost per kWh saved	PPA Cost Saved before O&M	Average Cost of kWh from Conexus (Jan 2020 to May 2022)	Cost from Conexus	Cost to Buy at Year 7	O&M Cost	Money Saved per Year after Buyout	City Balance
7	2053440	261709	1791731	\$0.1171	\$30,651.65	\$0.117	\$209,849.08	N/A	\$597.03	\$30,054.62	\$364,152.19
8	2053440	260401	1793039	\$0.1195	\$31,108.36	\$0.119	\$214,202.38	N/A	\$614.94	\$30,493.42	\$333,658.77
9	2053440	259099	1794341	\$0.1219	\$31,571.87	\$0.122	\$218,645.08	N/A	\$633.39	\$30,938.48	\$302,720.29
10	2053440	257803	1795637	\$0.1243	\$32,042.29	\$0.124	\$223,179.00	N/A	\$652.39	\$31,389.90	\$271,330.39
11	2053440	256514	1796926	\$0.1268	\$32,519.72	\$0.127	\$227,806.00	N/A	\$671.96	\$31,847.76	\$239,482.63
12	2053440	255232	1798208	\$0.1293	\$33,004.26	\$0.129	\$232,527.97	N/A	\$692.12	\$32,312.14	\$207,170.48
13	2053440	253956	1799484	\$0.1319	\$33,496.03	\$0.132	\$237,346.85	N/A	\$712.88	\$32,783.15	\$174,387.34
14	2053440	252686	1800754	\$0.1345	\$33,995.12	\$0.135	\$242,264.62	N/A	\$734.27	\$33,260.85	\$141,126.49
15	2053440	251422	1802018	\$0.1372	\$34,501.65	\$0.137	\$247,283.28	N/A	\$756.29	\$33,745.36	\$107,381.13
16	2053440	250165	1803275	\$0.1400	\$35,015.72	\$0.140	\$252,404.91	N/A	\$778.98	\$34,236.74	\$73,144.39
17	2053440	248915	1804525	\$0.1428	\$35,537.46	\$0.143	\$257,631.58	N/A	\$802.35	\$34,735.11	\$38,409.28
18	2053440	247670	1805770	\$0.1456	\$36,066.96	\$0.146	\$262,965.46	N/A	\$826.42	\$35,240.54	\$3,168.74
19	2053440	246432	1807008	\$0.1485	\$36,604.36	\$0.149	\$268,408.71	N/A	\$851.22	\$35,753.14	-\$32,584.40
20	2053440	245199	1808241	\$0.1515	\$37,149.77	\$0.152	\$273,963.56	N/A	\$876.75	\$36,273.02	-\$68,857.42
21	2053440	243973	1809467	\$0.1545	\$37,703.30	\$0.155	\$279,632.30	N/A	\$903.06	\$36,800.24	-\$105,657.65
22	2053440	242754	1810686	\$0.1576	\$38,265.08	\$0.158	\$285,417.23	N/A	\$930.15	\$37,334.93	-\$142,992.58
23	2053440	241540	1811900	\$0.1608	\$38,835.23	\$0.161	\$291,320.73	N/A	\$958.05	\$37,877.18	-\$180,869.76
24	2053440	240332	1813108	\$0.1640	\$39,413.87	\$0.164	\$297,345.20	N/A	\$986.79	\$38,427.08	-\$219,296.84
25	2053440	239130	1814310	\$0.1673	\$40,001.14	\$0.167	\$303,493.12	N/A	\$1,016.40	\$38,984.74	-\$258,281.58

Notes

Assuming City of Blaine will not start recouping costs until buyout at year 7.

Utility demand data for WTP 4 does not have data for June and July; plant also not running at full capacity.

Table assumes annual 2% increase in Connexus utility rate per kWh.

Cedar Creek Option 3-City of Blaine makes an initial payment of \$367,000. The 25-year PPA rate would be fixed at \$0.015 per kWh. Estimated fair market value at month 73 (6 years 1 month) would be \$1

Rounding timeline to purchase from 6 years 1 month to an even 6 years.

Breakeven point highlighted in green.

After buyout, savings are assumed to be average cost per kWh from Conexus multiplied by the solar output.

Demand per year is the average demand for WTP-2 during the months of May 2021 to September 2021 multiplied by 12 months to get demand per year.

IDEAL ENERGIES OPTION 1

TABLE 1: COST BEFORE CITY TAKES OWNERSHIP										
Year	Demand per Year (WTP 2) (kWh)	Solar Output (kWh/year)	Demand Provided by Conexus (kWh/yr)	Cost per kWh (PPA Agreement)	PPA Cost	Average Cost of kWh from Conexus (Jan 2020 to May 2022)	Cost from Conexus	O&M Cost		
1	2053440	256050	1797390	\$0.0950	\$24,324.75	\$0.104	\$186,928.56	2730		
2	2053440	254770	1798670	\$0.0980	\$24,967.46	\$0.106	\$190,802.91	2825.55		
3	2053440	253496	1799944	\$0.1020	\$25,856.59	\$0.108	\$194,756.82	2924.44		
4	2053440	252229	1801211	\$0.1050	\$26,484.05	\$0.110	\$198,791.79	3026.8		
5	2053440	250968	1802472	\$0.1090	\$27,355.51	\$0.113	\$202,909.58	3132.74		
6	2053440	249713	1803727	\$0.1130	\$28,217.57	\$0.115	\$207,111.88	3242.38		
7	2053440	248464	1804976	\$0.1170	\$29,070.29	\$0.117	\$211,400.40	3355.87		
8	2053440	247222	1806218	\$0.1210	\$29,913.86	\$0.119	\$215,776.78	3473.32		
9	2053440	245986	1807454	\$0.1250	\$30,748.25	\$0.122	\$220,242.93	3594.89		
10	2053440	244756	1808684	\$0.1290	\$31,573.52	\$0.124	\$224,800.66	3720.71		
11	2053440	243532	1809908	\$0.1340	\$32,633.29	\$0.127	\$229,451.85	3850.93		
12	2053440	242314	1811126	\$0.1390	\$33,681.65	\$0.129	\$234,198.38	3985.72		
13	2053440	241102	1812338	\$0.1440	\$34,718.69	\$0.132	\$239,042.21	4125.22		
14	2053440	239896	1813544	\$0.1490	\$35,744.50	\$0.135	\$243,985.30	4269.6		
15	2053440	238697	1814743	\$0.1540	\$36,759.34	\$0.137	\$249,029.54	4419.04		
16	2053440	237504	1815936	\$0.1590	\$37,763.14	\$0.140	\$254,177.12	4573.7		
17	2053440	236316	1817124	\$0.1650	\$38,992.14	\$0.143	\$259,430.27	4733.78		
18	2053440	235134	1818306	\$0.1700	\$39,972.78	\$0.146	\$264,791.01	4899.46		
19	2053440	233958	1819482	\$0.1760	\$41,176.61	\$0.149	\$270,261.51	5070.95		
20	2053440	232788	1820652	\$0.1830	\$42,600.20	\$0.152	\$275,844.00	5248.43		
Total Costs					\$652,554.18		\$4,573,733.50	\$77,203.53		
									Total PPA Cost at end of PPA:	\$729,757.71
TABLE 2: MONEY SAVED PER YEAR WHILE CITY HAS OWNERSHIP										
Year	Demand per Year (WTP 2) (kWh)	Solar Output (kWh/year)	Demand Provided by Conexus (kWh/yr)	Cost per kWh saved	PPA Cost Saved before O&M	Average Cost of kWh from Conexus (Jan 2020 to May 2022)	Cost from Conexus	O&M Cost	Money Saved per Year after PPA	Total Cost at 7 Years- Money Saved
21	2053440	231624	1821816	\$0.155	\$35,794.83	\$0.155	\$281,540.77	\$5,432.12	\$30,362.71	\$699,395.00
22	2053440	230466	1822974	\$0.158	\$36,328.19	\$0.158	\$287,354.12	\$5,622.25	\$30,705.94	\$668,689.06
23	2053440	229314	1824126	\$0.161	\$36,869.54	\$0.161	\$293,286.42	\$5,819.03	\$31,050.51	\$637,638.55
24	2053440	228167	1825273	\$0.164	\$37,418.82	\$0.164	\$299,340.25	\$6,022.69	\$31,396.13	\$606,242.42
25	2053440	227026	1826414	\$0.167	\$37,976.34	\$0.167	\$305,517.92	\$6,233.49	\$31,742.85	\$574,499.57

Notes

Assuming City of Blaine will not start recouping costs until buyout at year 7.

Utility demand data for WTP 4 does not have data for June and July; plant also not running at full capacity.

Table assumes annual 2% increase in Connexus utility rate per kWh.

Ideal Energies Option 1: Full-term 20-year PPA.

Breakeven point highlighted in green.

After buyout, savings are assumed to be average cost per kWh from Conexus multiplied by the solar output.

Demand per year is the average demand for WTP-2 during the months of May 2021 to September 2021 multiplied by 12 months to get demand per year.

IDEAL ENERGIES OPTION 2

TABLE 1: COST BEFORE CITY TAKES OWNERSHIP											
Year	Demand per Year (WTP 2) (kWh)	Solar Output (kWh/year)	Demand Provided by Conexus (kWh/yr)	Cost per kWh (PPA Agreement)	PPA Cost	Average Cost of kWh from Conexus (Jan 2020 to May 2022)	Cost from Conexus	Cost to Buy at Year 7	O&M Cost		
1	2053440	256050	1797390	\$0.0950	\$24,324.75	\$0.104	\$186,928.56		2730		
2	2053440	254770	1798670	\$0.0980	\$24,967.46	\$0.106	\$190,802.91		2825.55		
3	2053440	253496	1799944	\$0.1020	\$25,856.59	\$0.108	\$194,756.82		2924.44		
4	2053440	252229	1801211	\$0.1050	\$26,484.05	\$0.110	\$198,791.79		3026.8		
5	2053440	250968	1802472	\$0.1090	\$27,355.51	\$0.113	\$202,909.58		3132.74		
6	2053440	249713	1803727	\$0.1130	\$28,217.57	\$0.115	\$207,111.88		3242.38		
7	2053440	248464	1804976	\$0.1170	\$29,070.29	\$0.117	\$211,400.40	\$289,725.38	3355.87		
Total Costs					\$186,276.22		\$1,392,701.94	\$289,725.38	\$21,237.78		
										Total PPA Cost after Buyout:	\$497,239.38
TABLE 2: MONEY SAVED PER YEAR WHILE CITY HAS OWNERSHIP											
Year	Demand per Year (WTP 2) (kWh)	Solar Output (kWh/year)	Demand Provided by Conexus (kWh/yr)	Cost per kWh saved	PPA Cost Saved before O&M	Average Cost of kWh from Conexus (Jan 2020 to May 2022)	Cost from Conexus	Cost to Buy at Year 7	O&M Cost	Money Saved per Year after Buyout	Total Cost at 7 Years- Money Saved
8	2053440	247222	1806218	\$0.1195	\$29,533.96	\$0.119	\$215,776.78	N/A	3473.32	\$26,060.64	\$471,178.74
9	2053440	245986	1807454	\$0.1219	\$29,974.03	\$0.122	\$220,242.93	N/A	3594.89	\$26,379.14	\$444,799.60
10	2053440	244756	1808684	\$0.1243	\$30,420.63	\$0.124	\$224,800.66	N/A	3720.71	\$26,699.92	\$418,099.68
11	2053440	243532	1809908	\$0.1268	\$30,873.87	\$0.127	\$229,451.85	N/A	3850.93	\$27,022.94	\$391,076.74
12	2053440	242314	1811126	\$0.1293	\$31,333.85	\$0.129	\$234,198.38	N/A	3985.72	\$27,348.13	\$363,728.61
13	2053440	241102	1812338	\$0.1319	\$31,800.67	\$0.132	\$239,042.21	N/A	4125.22	\$27,675.45	\$336,053.16
14	2053440	239896	1813544	\$0.1345	\$32,274.43	\$0.135	\$243,985.30	N/A	4269.6	\$28,004.83	\$308,048.33
15	2053440	238697	1814743	\$0.1372	\$32,755.38	\$0.137	\$249,029.54	N/A	4419.04	\$28,336.34	\$279,711.99
16	2053440	237504	1815936	\$0.1400	\$33,243.51	\$0.140	\$254,177.12	N/A	4573.7	\$28,669.81	\$251,042.18
17	2053440	236316	1817124	\$0.1428	\$33,738.77	\$0.143	\$259,430.27	N/A	4733.78	\$29,004.99	\$222,037.19
18	2053440	235134	1818306	\$0.1456	\$34,241.41	\$0.146	\$264,791.01	N/A	4899.46	\$29,341.95	\$192,695.24
19	2053440	233958	1819482	\$0.1485	\$34,751.56	\$0.149	\$270,261.51	N/A	5070.95	\$29,680.61	\$163,014.63
20	2053440	232788	1820652	\$0.1515	\$35,269.33	\$0.152	\$275,844.00	N/A	5248.43	\$30,020.90	\$132,993.73
21	2053440	231624	1821816	\$0.1545	\$35,794.83	\$0.155	\$281,540.77	N/A	5432.12	\$30,362.71	\$102,631.02
22	2053440	230466	1822974	\$0.1576	\$36,328.19	\$0.158	\$287,354.12	N/A	5622.25	\$30,705.94	\$71,925.07
23	2053440	229314	1824126	\$0.1608	\$36,869.54	\$0.161	\$293,286.42	N/A	5819.03	\$31,050.51	\$40,874.56
24	2053440	228167	1825273	\$0.1640	\$37,418.82	\$0.164	\$299,340.25	N/A	6022.69	\$31,396.13	\$9,478.43
25	2053440	227026	1826414	\$0.1673	\$37,976.34	\$0.167	\$305,517.92	N/A	6233.49	\$31,742.85	-\$22,264.41

Notes

Assuming City of Blaine will not start recouping costs until buyout at year 7.

Utility demand data for WTP 4 does not have data for June and July; plant also not running at full capacity.

Table assumes annual 2% increase in Connexus utility rate per kWh.

Ideal Energies Option 2: 7 year PPA with buyout following year 7. Following buyout, all energy provided by the system is free.

Breakeven point highlighted in green.

After buyout, savings are assumed to be average cost per kWh from Conexus multiplied by the solar output.

Demand per year is the average demand for WTP-2 during the months of May 2021 to September 2021 multiplied by 12 months to get demand per year.