CEDAR CREEK OPTION 1

				TARIF 1: CO	ST REFORE CIT	Y TAKES OWNERSHIP					
				TABLE 1. CO	DEFORE CIT	Average Cost of kWh					
	Demand per Year	Solar Output	Demand Provided by	Cost per kWh		from Conexus (Jan 2020	Cost from	Cost to Buy	O&M		
Year	(WTP 2) (kWh)	(kWh/year)	Conexus (kWh/yr)	(PPA Agreement)	PPA Cost	to May 2022)	Conexus	at Year 7	Cost		
1	2053440			\$0.1125	\$30,341.25	\$0.104	\$185,508.96		\$500.00		
2	2053440			\$0.1125	\$30,189.54	\$0.106	\$189,362.19		\$515.00		
3	2053440			\$0.1125			\$193,294.61		\$530.45		
4	2053440			\$0.1125	\$29,888.40		\$197,307.85		\$546.36		
5	2053440			\$0.1125	\$29,738.96		\$201,403.54		\$562.75		
6	2053440			\$0.1125		\$0.115	\$205,583.38		\$579.64		
7	2053440			\$0.1125		\$0.117	\$209,849.08				
Total Costs					\$209,229.33		\$1,382,309.61	\$274,000.00	\$3,831.23		
							· · ·	-			
										Total PPA Cost	
										after Buyout:	\$487,060.56
			Т	ABLE 2: MONEY SA	VED PER YEAR	WHILE CITY HAS OWNERS	HIP				
					PPA Cost	Average Cost of kWh				Money Saved	Total Cost at 7
	Demand per Year	Solar Output	Demand Provided by	Cost per kWh	Saved before	from Conexus (Jan 2020	Cost from	Cost to Buy	O&M	per Year After	Years-Money
Year	(WTP 2) (kWh)	(kWh/year)	Conexus (kWh/yr)	Saved	O&M	to May 2022)	Conexus	at Year 7	Cost	Buyout	Saved
	(**************************************	(Kvvii) year)	Concas (Kvvii, yi)	Javeu	Odivi	to iviay 2022)	Conexus	at icai /	COSE	Duyout	Javeu
8	2053440		1793039	\$0.1195			\$214,202.38		\$614.94		\$456,567.15
	2053440	260401	1793039		\$31,108.36			N/A		\$30,493.42	\$456,567.15
8	2053440 2053440	260401 259099	1793039 1794341	\$0.1195	\$31,108.36	\$0.119	\$214,202.38	N/A N/A	\$614.94	\$30,493.42 \$30,938.48	
8	2053440 2053440	260401 259099 257803	1793039 1794341	\$0.1195 \$0.1219	\$31,108.36 \$31,571.87 \$32,042.29	\$0.119 \$0.122	\$214,202.38 \$218,645.08	N/A N/A N/A	\$614.94 \$633.39	\$30,493.42 \$30,938.48 \$31,389.90	\$456,567.15 \$425,628.67
8 9 10	2053440 2053440 2053440	260401 259099 257803 256514	1793039 1794341 1795637 1796926	\$0.1195 \$0.1219 \$0.1243	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72	\$0.119 \$0.122 \$0.124 \$0.127	\$214,202.38 \$218,645.08 \$223,179.00	N/A N/A N/A N/A	\$614.94 \$633.39 \$652.39	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76	\$456,567.15 \$425,628.67 \$394,238.77
8 9 10 11	2053440 2053440 2053440 2053440 2053440	260401 259099 257803 256514 255232	1793039 1794341 1795637 1796926 1798208 1799484	\$0.1195 \$0.1219 \$0.1243 \$0.1268	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72 \$33,004.26	\$0.119 \$0.122 \$0.124 \$0.127	\$214,202.38 \$218,645.08 \$223,179.00 \$227,806.00	N/A N/A N/A N/A N/A	\$614.94 \$633.39 \$652.39 \$671.96	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15	\$456,567.15 \$425,628.67 \$394,238.77 \$362,391.01
8 9 10 11 12	2053440 2053440 2053440 2053440 2053440	260401 259099 257803 256514 255232 253956	1793039 1794341 1795637 1796926 1798208 1799484	\$0.1195 \$0.1219 \$0.1243 \$0.1268 \$0.1293	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12	\$0.119 \$0.122 \$0.124 \$0.127 \$0.129 \$0.132 \$0.135	\$214,202.38 \$218,645.08 \$223,179.00 \$227,806.00 \$232,527.97	N/A N/A N/A N/A N/A N/A	\$614.94 \$633.39 \$652.39 \$671.96 \$692.12	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15	\$456,567.15 \$425,628.67 \$394,238.77 \$362,391.01 \$330,078.86 \$297,295.71
8 9 10 11 12 13	2053440 2053440 2053440 2053440 2053440 2053440	260401 259099 257803 256514 255232 253956 252686	1793039 1794341 1795637 1796926 1798208 1799484 1800754	\$0.1195 \$0.1219 \$0.1243 \$0.1268 \$0.1293 \$0.1319	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03	\$0.119 \$0.122 \$0.124 \$0.127 \$0.129 \$0.132 \$0.135	\$214,202.38 \$218,645.08 \$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28	N/A N/A N/A N/A N/A N/A N/A N/A	\$614.94 \$633.39 \$652.39 \$671.96 \$692.12 \$712.88	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85	\$456,567.15 \$425,628.67 \$394,238.77 \$362,391.01 \$330,078.86
8 9 10 11 12 13	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	260401 259099 257803 256514 255232 253956 252686 251422	1793039 1794341 1795637 1796926 1798208 1799484 1800754 1802018	\$0.1195 \$0.1219 \$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65	\$0.119 \$0.122 \$0.124 \$0.127 \$0.129 \$0.132 \$0.135	\$214,202.38 \$218,645.08 \$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62	N/A N/A N/A N/A N/A N/A N/A N/A	\$614.94 \$633.39 \$652.39 \$671.96 \$692.12 \$712.88 \$734.27	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36	\$456,567.15 \$425,628.67 \$394,238.77 \$362,391.01 \$330,078.86 \$297,295.71 \$264,034.87
8 9 10 11 12 13 14	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	260401 259099 257803 256514 255232 253956 252686 251422 250165	1793039 1794341 1795637 1796926 1798208 1799484 1800754 1802018	\$0.1195 \$0.1219 \$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46	\$0.119 \$0.122 \$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143	\$214,202.38 \$218,645.08 \$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28	N/A	\$614.94 \$633.39 \$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11	\$456,567.15 \$425,628.67 \$394,238.77 \$362,391.01 \$330,078.86 \$297,295.71 \$264,034.87 \$230,289.51
8 9 10 11 12 13 14 15 16 17	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	260401 259099 257803 256514 255232 253956 252686 251422 250165 248915	1793039 1794341 1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525	\$0.1195 \$0.1219 \$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46	\$0.119 \$0.122 \$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143	\$214,202.38 \$218,645.08 \$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46	N/A	\$614.94 \$633.39 \$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11	\$456,567.15 \$425,628.67 \$394,238.77 \$362,391.01 \$330,078.86 \$297,295.71 \$264,034.87 \$230,289.51 \$196,052.77 \$161,317.66
8 9 10 11 12 13 14 15 16	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	260401 259099 257803 256514 255232 253956 252686 251422 250165 248915 247670	1793039 1794341 1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770	\$0.1195 \$0.1219 \$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96	\$0.119 \$0.122 \$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146	\$214,202.38 \$218,645.08 \$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46 \$268,408.71	N/A	\$614.94 \$633.39 \$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98 \$802.35	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54	\$456,567.15 \$425,628.67 \$394,238.77 \$362,391.01 \$330,078.86 \$297,295.71 \$264,034.87 \$230,289.51 \$196,052.77
8 9 10 11 12 13 14 15 16 17	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	260401 259099 257803 256514 255232 253956 252686 251422 250165 248915 247670 246432	1793039 1794341 1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770 1807008	\$0.1195 \$0.1219 \$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428 \$0.1456	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96 \$36,664.36	\$0.119 \$0.122 \$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.135 \$0.140 \$0.140 \$0.143 \$0.146 \$0.149	\$214,202.38 \$218,645.08 \$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46	N/A	\$614.94 \$633.39 \$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98 \$802.35 \$826.42	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54 \$35,753.14	\$456,567.15 \$425,628.67 \$394,238.77 \$362,391.01 \$330,078.86 \$297,295.71 \$264,034.87 \$230,289.51 \$196,052.77 \$161,317.66 \$126,077.12
8 9 10 11 12 13 14 15 16 17 18	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	260401 259099 257803 256514 255232 253956 252686 251422 250165 248915 247670 246432 245199	1793039 1794341 1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770 1807008 1807008	\$0.1195 \$0.1219 \$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428 \$0.1456 \$0.1485	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96 \$36,604.36 \$37,149.77	\$0.119 \$0.122 \$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.144 \$0.149 \$0.149	\$214,202.38 \$218,645.08 \$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46 \$268,408.71 \$273,963.56 \$279,632.30	N/A	\$614.94 \$633.39 \$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98 \$802.35 \$826.42 \$851.22	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54 \$35,753.14 \$36,273.02	\$456,567.15 \$425,628.67 \$394,238.77 \$362,391.01 \$330,078.86 \$297,295.71 \$264,034.87 \$230,289.51 \$196,052.77 \$161,317.66 \$126,077.12 \$90,323.98 \$54,050.96
8 9 10 11 12 13 14 15 16 17 18 19	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	260401 259099 257803 256514 255232 253956 252686 251422 250165 248915 247670 246432 245199 243973	1793039 1794341 1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770 1807008 1808241 1809467	\$0.1195 \$0.1219 \$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428 \$0.1456 \$0.1485 \$0.1515	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96 \$36,604.36 \$37,149.77 \$37,703.30	\$0.119 \$0.122 \$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.140 \$0.144 \$0.145 \$0.146 \$0.149 \$0.152	\$214,202.38 \$218,645.08 \$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46 \$268,408.71 \$273,963.56	N/A	\$614.94 \$633.39 \$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98 \$802.35 \$826.42 \$851.22 \$876.75	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54 \$35,753.14 \$36,273.02 \$36,800.24	\$456,567.15 \$425,628.67 \$394,238.77 \$362,391.01 \$330,078.86 \$297,295.71 \$264,034.87 \$230,289.51 \$196,052.77 \$161,317.66 \$126,077.12 \$90,323.98 \$54,050.96 \$17,250.72
8 9 10 11 12 13 14 15 16 17 18 19 20	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	260401 259099 257803 256514 255232 253956 252686 251422 250165 248915 247670 246432 245199 243973 242754	1793039 1794341 1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770 1807008 1808241 1809467 1810686	\$0.1195 \$0.1219 \$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428 \$0.1456 \$0.1485 \$0.1515	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96 \$36,066.96 \$37,149.77 \$37,703.30 \$38,265.08	\$0.119 \$0.122 \$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.144 \$0.145 \$0.145 \$0.155 \$0.155	\$214,202.38 \$218,645.08 \$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46 \$268,408.71 \$273,963.56 \$279,632.30	N/A	\$614.94 \$633.39 \$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98 \$802.35 \$826.42 \$851.22 \$876.75 \$903.06	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54 \$35,753.14 \$36,273.02 \$36,800.24 \$37,334.93	\$456,567.15 \$425,628.67 \$394,238.77 \$362,391.01 \$330,078.86 \$297,295.71 \$264,034.87 \$230,289.51 \$196,052.77 \$161,317.66 \$126,077.12 \$90,323.98
8 9 10 11 12 13 14 15 16 17 18 19 20 21	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	260401 259099 257803 256514 255232 253956 252686 251422 250165 248915 247670 246432 245199 243973 242754 241540	1793039 1794341 1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770 1807008 1808241 1809467 1810686 1811900	\$0.1195 \$0.1219 \$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428 \$0.1456 \$0.1455 \$0.1515 \$0.1545	\$31,108.36 \$31,571.87 \$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96 \$36,604.36 \$37,149.77 \$37,703.30 \$38,265.08 \$38,835.23	\$0.119 \$0.122 \$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.144 \$0.145 \$0.145 \$0.155 \$0.155	\$214,202.38 \$218,645.08 \$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46 \$262,965.46 \$268,408.71 \$273,963.56 \$279,632.30 \$285,417.23	N/A	\$614.94 \$633.39 \$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98 \$802.35 \$826.42 \$851.22 \$876.75 \$903.06 \$930.15	\$30,493.42 \$30,938.48 \$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54 \$35,753.14 \$36,273.02 \$36,800.24 \$37,334.93 \$37,877.18	\$456,567.15 \$425,628.67 \$394,238.77 \$362,391.01 \$330,078.86 \$297,295.71 \$264,034.87 \$230,289.51 \$196,052.77 \$161,317.66 \$126,077.12 \$90,323.98 \$54,050.96 \$17,250.72 -\$20,084.20 -\$57,961.38

<u>Notes</u>

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.

CEDAR CREEK OPTION 2

				TABLE 1: CO	OST BEFORE CIT	Y TAKES OWNERSHIP					
						Average Cost of kWh					
	Demand per Year	Solar Output	Demand Provided by	Cost per kWh		from Conexus (Jan 2020	Cost from	Cost to Buy	O&M		
Year	(WTP 2) (kWh)	(kWh/year)	Conexus (kWh/yr)	(PPA Agreement)	PPA Cost	to May 2022)	Conexus	at Year 7	Cost		
1	2053440		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
			1	TABLE 2: MONEY SA	T	WHILE CITY HAS OWNERS	НІР				
					PPA Cost	Average Cost of kWh				Money Saved	Total Cost at 7
	Demand per Year	Solar Output	Demand Provided by	Cost per kWh		from Conexus (Jan 2020	Cost from	Cost to Buy	O&M	per Year after	Years-Money
Year	(WTP 2) (kWh)	(kWh/year)	Conexus (kWh/yr)	Saved	O&M	to May 2022)	Conexus	at Year 7	Cost	Buyout	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		\$633.39	-	
10			1794341 1795637	\$0.122 \$0.124	\$31,571.87 \$32,042.29	· ·	\$218,645.08 \$223,179.00		\$633.39 \$652.39		\$418,777.01
10 11	2053440 2053440	257803 256514	1795637 1796926	\$0.124 \$0.127	\$32,042.29 \$32,519.72	\$0.124 \$0.127	\$223,179.00 \$227,806.00	N/A N/A	\$652.39 \$671.96	\$31,389.90 \$31,847.76	\$418,777.01 \$387,387.10 \$355,539.34
	2053440 2053440	257803 256514	1795637	\$0.124 \$0.127	\$32,042.29 \$32,519.72	\$0.124 \$0.127	\$223,179.00	N/A	\$652.39	\$31,389.90 \$31,847.76	\$418,777.01 \$387,387.10 \$355,539.34
11	2053440 2053440 2053440	257803 256514 255232	1795637 1796926 1798208	\$0.124 \$0.127	\$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03	\$0.124 \$0.127 \$0.129	\$223,179.00 \$227,806.00	N/A N/A	\$652.39 \$671.96	\$31,389.90 \$31,847.76 \$32,312.14	\$418,777.01 \$387,387.10 \$355,539.34 \$323,227.20
11 12	2053440 2053440 2053440 2053440 2053440	257803 256514 255232 253956 252686	1795637 1796926 1798208 1799484	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135	\$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12	\$0.124 \$0.127 \$0.129	\$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62	N/A N/A N/A N/A N/A	\$652.39 \$671.96 \$692.12 \$712.88 \$734.27	\$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85	\$418,777.01 \$387,387.10 \$355,539.34 \$323,227.20 \$290,444.05 \$257,183.20
11 12 13	2053440 2053440 2053440 2053440 2053440 2053440	257803 256514 255232 253956 252686 251422	1795637 1796926 1798208 1799484 1800754 1802018	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137	\$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137	\$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28	N/A N/A N/A N/A N/A	\$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29	\$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36	\$418,777.01 \$387,387.10 \$355,539.34 \$323,227.20 \$290,444.05 \$257,183.20 \$223,437.84
11 12 13 14	2053440 2053440 2053440 2053440 2053440 2053440	257803 256514 255232 253956 252686 251422 250165	1795637 1796926 1798208 1799484 1800754 1802018 1803275	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135	\$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135	\$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62	N/A N/A N/A N/A N/A	\$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29	\$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36	\$418,777.01 \$387,387.10 \$355,539.34 \$323,227.20 \$290,444.05 \$257,183.20 \$223,437.84 \$189,201.10
11 12 13 14 15	2053440 2053440 2053440 2053440 2053440 2053440 2053440	257803 256514 255232 253956 252686 251422 250165	1795637 1796926 1798208 1799484 1800754 1802018 1803275	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140	\$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140	\$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91	N/A N/A N/A N/A N/A N/A	\$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98	\$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74	\$418,777.01 \$387,387.10 \$355,539.34 \$323,227.20 \$290,444.05 \$257,183.20 \$223,437.84 \$189,201.10
11 12 13 14 15 16 17	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	257803 256514 255232 253956 252686 251422 250165 248915 247670	1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143	\$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143	\$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46	N/A N/A N/A N/A N/A N/A N/A	\$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98	\$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54	\$418,777.01 \$387,387.10 \$355,539.34 \$323,227.20 \$290,444.05 \$257,183.20 \$223,437.84 \$189,201.10 \$154,466.00
11 12 13 14 15 16 17 18	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	257803 256514 255232 253956 252686 251422 250165 248915 247670	1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143	\$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96 \$36,604.36	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146 \$0.149	\$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58	N/A N/A N/A N/A N/A N/A N/A	\$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98 \$802.35 \$826.42 \$851.22	\$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54 \$35,753.14	\$418,777.01 \$387,387.10 \$355,539.34 \$323,227.20 \$290,444.05 \$257,183.20 \$223,437.84 \$189,201.10 \$154,466.00 \$119,225.45
11 12 13 14 15 16 17	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	257803 256514 255232 253956 252686 251422 250165 248915 247670 246432	1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770 1807008	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143	\$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146 \$0.149	\$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46	N/A N/A N/A N/A N/A N/A N/A N/A	\$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98 \$802.35 \$826.42	\$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54 \$35,753.14	\$418,777.01 \$387,387.10 \$355,539.34 \$323,227.20 \$290,444.05 \$257,183.20 \$223,437.84 \$189,201.10 \$154,466.00 \$119,225.45 \$83,472.31
11 12 13 14 15 16 17 18 19 20 21	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	257803 256514 255232 253956 252686 251422 250165 248915 247670 246432 245199 243973	1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770 1807008 1808241 1809467	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146 \$0.149 \$0.152	\$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96 \$36,064.36 \$37,149.77 \$37,703.30	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146 \$0.149 \$0.155	\$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46 \$268,408.71 \$273,963.56 \$279,632.30	N/A	\$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98 \$802.35 \$826.42 \$851.22 \$876.75 \$903.06	\$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54 \$35,753.14 \$36,273.02 \$36,800.24	\$418,777.01 \$387,387.10 \$355,539.34 \$323,227.20 \$290,444.05 \$257,183.20 \$223,437.84 \$189,201.10 \$154,466.00 \$119,225.45 \$83,472.31 \$47,199.30 \$10,399.06
11 12 13 14 15 16 17 18 19 20 21	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	257803 256514 255232 253956 252686 251422 250165 248915 247670 246432 245199 243973 242754	1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770 1807008 1808241 1809467	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146 \$0.149 \$0.152	\$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96 \$36,604.36 \$37,149.77 \$37,703.30 \$38,265.08	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146 \$0.149 \$0.152 \$0.155	\$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46 \$268,408.71 \$273,963.56 \$279,632.30 \$285,417.23	N/A	\$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98 \$802.35 \$826.42 \$851.22 \$876.75 \$903.06 \$930.15	\$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54 \$35,753.14 \$36,273.02 \$36,800.24 \$37,334.93	\$418,777.01 \$387,387.10 \$355,539.34 \$323,227.20 \$290,444.05 \$257,183.20 \$223,437.84 \$189,201.10 \$154,466.00 \$119,225.45 \$83,472.31 \$47,199.30 \$10,399.06 -\$26,935.87
11 12 13 14 15 16 17 18 19 20 21	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	257803 256514 255232 253956 252686 251422 250165 248915 247670 246432 245199 243973 242754	1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770 1807008 1808241 1809467 1810686	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.144 \$0.146 \$0.149 \$0.155 \$0.158	\$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96 \$36,064.36 \$37,149.77 \$37,703.30	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146 \$0.149 \$0.152 \$0.155	\$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46 \$268,408.71 \$273,963.56 \$279,632.30	N/A	\$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98 \$802.35 \$826.42 \$851.22 \$876.75 \$903.06	\$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54 \$35,753.14 \$36,273.02 \$36,800.24 \$37,334.93	\$418,777.01 \$387,387.10 \$355,539.34 \$323,227.20 \$290,444.05 \$257,183.20 \$223,437.84 \$189,201.10 \$154,466.00 \$119,225.45 \$83,472.31 \$47,199.30 \$10,399.06 -\$26,935.87
11 12 13 14 15 16 17 18 19 20 21	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	257803 256514 255232 253956 252686 251422 250165 248915 247670 246432 245199 243973 242754 241540	1795637 1796926 1798208 1799484 1800754 1802018 1803275 1804525 1805770 1807008 1808241 1809467 1810686 1811900	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146 \$0.149 \$0.155 \$0.155	\$32,042.29 \$32,519.72 \$33,004.26 \$33,496.03 \$33,995.12 \$34,501.65 \$35,015.72 \$35,537.46 \$36,066.96 \$36,604.36 \$37,149.77 \$37,703.30 \$38,265.08 \$38,835.23	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146 \$0.149 \$0.155 \$0.155 \$0.158	\$223,179.00 \$227,806.00 \$232,527.97 \$237,346.85 \$242,264.62 \$247,283.28 \$252,404.91 \$257,631.58 \$262,965.46 \$268,408.71 \$273,963.56 \$279,632.30 \$285,417.23	N/A	\$652.39 \$671.96 \$692.12 \$712.88 \$734.27 \$756.29 \$778.98 \$802.35 \$826.42 \$851.22 \$876.75 \$903.06 \$930.15 \$958.05	\$31,389.90 \$31,847.76 \$32,312.14 \$32,783.15 \$33,260.85 \$33,745.36 \$34,236.74 \$34,735.11 \$35,240.54 \$35,753.14 \$36,273.02 \$36,800.24 \$37,334.93 \$37,877.18 \$38,427.08	\$418,777.01 \$387,387.10 \$355,539.34 \$323,227.20 \$290,444.05 \$257,183.20 \$223,437.84 \$189,201.10 \$154,466.00 \$119,225.45 \$83,472.31 \$47,199.30 \$10,399.06 -\$26,935.87 -\$64,813.04 -\$103,240.12

<u>Notes</u>

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.

CEDAR CREEK OPTION 3

				TABLE 1: COS	T BEFORE CIT	Y TAKES OWNERSHIP					
	1					Average Cost of kWh					
	Demand per Year	Solar Output	Demand Provided by	Cost per kWh		from Conexus (Jan 2020	Cost from	Cost to Buy	O&M	Initial	
Year	(WTP 2) (kWh)	(kWh/year)	Conexus (kWh/yr)	(PPA Agreement)	PPA Cost	to May 2022)	Conexus	at Year 6	Cost	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
			TA	BLE 2: MONEY SAV		WHILE CITY HAS OWNERS	HIP	T			
					PPA Cost						
					Saved	Average Cost of kWh				Money Saved	
1	-	-	Demand Provided by	Cost per kWh	before	from Conexus (Jan 2020	Cost from	Cost to Buy	O&M	per Year after	
Year	(WTP 2) (kWh)	(kWh/year)	Conexus (kWh/yr)	saved	O&M	to May 2022)	Conexus	at Year 7	Cost	Buyout	City Balance
7	2053440	261709		\$0.1171	\$30,651.65		\$209,849.08				\$364,152.19
8	2053440	260401	1793039	\$0.1195			\$214,202.38			\$30,493.42	\$333,658.77
9	2053440	259099		\$0.1219			\$218,645.08	N/A	\$633.39		\$302,720.29
10	2053440	257803		\$0.1243		·	\$223,179.00	N/A		\$31,389.90	\$271,330.39
11	2053440	256514		\$0.1268			\$227,806.00		1		\$239,482.63
12	2053440	255232	1798208	\$0.1293			\$232,527.97	N/A		\$32,312.14	\$207,170.48
13	2053440	253956		\$0.1319	-		\$237,346.85				\$174,387.34
14	2053440	252686		\$0.1345	\$33,995.12	·	\$242,264.62	N/A	\$734.27	\$33,260.85	\$141,126.49
15	2053440 2053440	251422 250165		\$0.1372			\$247,283.28	N/A	\$756.29	\$33,745.36	\$107,381.13
16		248915			\$35,015.72				1	-	·
17	2053440			· · · · · · · · · · · · · · · · · · ·			\$257,631.58	-	· ·		\$38,409.28
18 19	2053440 2053440			·	. ,		\$262,965.46 \$268,408.71	-		-	\$3,168.74 -\$32,584.40
20	2053440	245199		\$0.1515			\$273,963.56	,	-		-\$68,857.42
21	2053440	243199		\$0.1515	-		\$279,632.30	-	1	. ,	-\$105,657.65
22	2053440	243973		·			\$279,032.30	· ·			-\$103,037.03
23	2053440	241540		·	-		\$283,417.23			-	-\$142,332.36
24	2053440	240332			-		\$297,345.20		1	. ,	-\$219,296.84
25		270332	1813108	·	\$40,001.14		7237,343.20	14/ /	\$1,016.40	730,727.00	7213,230.04

<u>Notes</u>

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.

IDEAL ENERGIES OPTION 1

			TA	ABLE 1: COST BEFOR	RE CITY TAKES	OWNERSHIP				
						Average Cost of kWh				
	Demand per Year	Solar Output	Demand Provided by	Cost per kWh		from Conexus (Jan 2020	Cost from			
Year	(WTP 2) (kWh)	(kWh/year)	Conexus (kWh/yr)	(PPA Agreement)	PPA Cost	to May 2022)	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: N	ONEY SAVED PER	YEAR WHILE	CITY HAS OWNERSHIP	•			
					PPA Cost					Total Cost
					Saved	Average Cost of kWh			Money Saved	at 7 Years-
	Demand per Year	Solar Output	Demand Provided by	Cost per kWh	before	from Conexus (Jan 2020	Cost from		per Year after	Money
Year	(WTP 2) (kWh)	(kWh/year)	Conexus (kWh/yr)	saved	O&M	to May 2022)	Conexus	O&M Cost	PPA	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.

IDEAL ENERGIES OPTION 2

				TABLE 1: COS	T BEFORE CIT	Y TAKES OWNERSHIP					
						Average Cost of kWh					
	Demand per Year	Solar Output	Demand Provided by	Cost per kWh		from Conexus (Jan 2020	Cost from	Cost to Buy			
Year	(WTP 2) (kWh)	(kWh/year)	Conexus (kWh/yr)	(PPA Agreement)	PPA Cost	to May 2022)	Conexus	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
		<u>-</u>	TA	BLE 2: MONEY SAV	ED PER YEAR	WHILE CITY HAS OWNERS	HIP		,		
					PPA Cost						Total Cost
					Saved	Average Cost of kWh				Money Saved	at 7 Years-
	Demand per Year		Demand Provided by	Cost per kWh	before	from Conexus (Jan 2020	Cost from	Cost to Buy		per Year after	Money
Year	(WTP 2) (kWh)	(kWh/year)	Conexus (kWh/yr)	saved	O&M	to May 2022)	Conexus	at Year 7	O&M Cost	Buyout	Saved
8			1806218	\$0.1195	\$29,533.96	\$0.119	\$215,776.78				\$471,178.74
9	2052440		1 100-1-1								
				\$0.1219		\$0.122	\$220,242.93		!		\$444,799.60
10	2053440	244756	1808684	\$0.1243	\$30,420.63	\$0.122 \$0.124	\$224,800.66	N/A	3720.71	\$26,699.92	\$418,099.68
11	2053440 2053440	244756 243532	1808684 1809908	\$0.1243 \$0.1268	\$30,420.63 \$30,873.87	\$0.124 \$0.127	\$224,800.66 \$229,451.85	N/A N/A	3720.71 3850.93	\$26,699.92 \$27,022.94	\$418,099.68 \$391,076.74
11 12	2053440 2053440 2053440	244756 243532 242314	1808684 1809908 1811126	\$0.1243 \$0.1268 \$0.1293	\$30,420.63 \$30,873.87 \$31,333.85	\$0.124 \$0.127 \$0.129	\$224,800.66 \$229,451.85 \$234,198.38	N/A N/A N/A	3720.71 3850.93 3985.72	\$26,699.92 \$27,022.94 \$27,348.13	\$418,099.68 \$391,076.74 \$363,728.61
11 12 13	2053440 2053440 2053440 2053440	244756 243532 242314 241102	1808684 1809908 1811126 1812338	\$0.1243 \$0.1268 \$0.1293 \$0.1319	\$30,420.63 \$30,873.87 \$31,333.85 \$31,800.67	\$0.124 \$0.127 \$0.129 \$0.132	\$224,800.66 \$229,451.85 \$234,198.38 \$239,042.21	N/A N/A N/A N/A	3720.71 3850.93 3985.72 4125.22	\$26,699.92 \$27,022.94 \$27,348.13 \$27,675.45	\$418,099.68 \$391,076.74 \$363,728.61 \$336,053.16
11 12 13 14	2053440 2053440 2053440 2053440 2053440	244756 243532 242314 241102 239896	1808684 1809908 1811126 1812338 1813544	\$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345	\$30,420.63 \$30,873.87 \$31,333.85 \$31,800.67 \$32,274.43	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135	\$224,800.66 \$229,451.85 \$234,198.38 \$239,042.21 \$243,985.30	N/A N/A N/A N/A	3720.71 3850.93 3985.72 4125.22 4269.6	\$26,699.92 \$27,022.94 \$27,348.13 \$27,675.45 \$28,004.83	\$418,099.68 \$391,076.74 \$363,728.61 \$336,053.16 \$308,048.33
11 12 13 14 15	2053440 2053440 2053440 2053440 2053440 2053440	244756 243532 242314 241102 239896 238697	1808684 1809908 1811126 1812338 1813544 1814743	\$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372	\$30,420.63 \$30,873.87 \$31,333.85 \$31,800.67 \$32,274.43 \$32,755.38	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137	\$224,800.66 \$229,451.85 \$234,198.38 \$239,042.21 \$243,985.30 \$249,029.54	N/A N/A N/A N/A N/A	3720.71 3850.93 3985.72 4125.22 4269.6 4419.04	\$26,699.92 \$27,022.94 \$27,348.13 \$27,675.45 \$28,004.83 \$28,336.34	\$418,099.68 \$391,076.74 \$363,728.61 \$336,053.16 \$308,048.33 \$279,711.99
11 12 13 14 15	2053440 2053440 2053440 2053440 2053440 2053440 2053440	244756 243532 242314 241102 239896 238697 237504	1808684 1809908 1811126 1812338 1813544 1814743 1815936	\$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400	\$30,420.63 \$30,873.87 \$31,333.85 \$31,800.67 \$32,274.43 \$32,755.38 \$33,243.51	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140	\$224,800.66 \$229,451.85 \$234,198.38 \$239,042.21 \$243,985.30 \$249,029.54 \$254,177.12	N/A N/A N/A N/A N/A N/A	3720.71 3850.93 3985.72 4125.22 4269.6 4419.04 4573.7	\$26,699.92 \$27,022.94 \$27,348.13 \$27,675.45 \$28,004.83 \$28,336.34 \$28,669.81	\$418,099.68 \$391,076.74 \$363,728.61 \$336,053.16 \$308,048.33 \$279,711.99 \$251,042.18
11 12 13 14 15 16	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	244756 243532 242314 241102 239896 238697 237504 236316	1808684 1809908 1811126 1812338 1813544 1814743 1815936 1817124	\$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428	\$30,420.63 \$30,873.87 \$31,333.85 \$31,800.67 \$32,274.43 \$32,755.38 \$33,243.51 \$33,738.77	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143	\$224,800.66 \$229,451.85 \$234,198.38 \$239,042.21 \$243,985.30 \$249,029.54 \$254,177.12 \$259,430.27	N/A N/A N/A N/A N/A N/A N/A	3720.71 3850.93 3985.72 4125.22 4269.6 4419.04 4573.7	\$26,699.92 \$27,022.94 \$27,348.13 \$27,675.45 \$28,004.83 \$28,336.34 \$28,669.81 \$29,004.99	\$418,099.68 \$391,076.74 \$363,728.61 \$336,053.16 \$308,048.33 \$279,711.99 \$251,042.18 \$222,037.19
11 12 13 14 15 16 17	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	244756 243532 242314 241102 239896 238697 237504 236316 235134	1808684 1809908 1811126 1812338 1813544 1814743 1815936 1817124 1818306	\$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428 \$0.1456	\$30,420.63 \$30,873.87 \$31,333.85 \$31,800.67 \$32,274.43 \$32,755.38 \$33,243.51 \$33,738.77 \$34,241.41	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143	\$224,800.66 \$229,451.85 \$234,198.38 \$239,042.21 \$243,985.30 \$249,029.54 \$254,177.12 \$259,430.27 \$264,791.01	N/A	3720.71 3850.93 3985.72 4125.22 4269.6 4419.04 4573.7 4733.78 4899.46	\$26,699.92 \$27,022.94 \$27,348.13 \$27,675.45 \$28,004.83 \$28,336.34 \$28,669.81 \$29,004.99 \$29,341.95	\$418,099.68 \$391,076.74 \$363,728.61 \$336,053.16 \$308,048.33 \$279,711.99 \$251,042.18 \$222,037.19 \$192,695.24
11 12 13 14 15 16 17 18	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	244756 243532 242314 241102 239896 238697 237504 236316 235134 233958	1808684 1809908 1811126 1812338 1813544 1814743 1815936 1817124 1818306 1819482	\$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428 \$0.1456 \$0.1485	\$30,420.63 \$30,873.87 \$31,333.85 \$31,800.67 \$32,274.43 \$32,755.38 \$33,243.51 \$33,738.77 \$34,241.41 \$34,751.56	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146 \$0.149	\$224,800.66 \$229,451.85 \$234,198.38 \$239,042.21 \$243,985.30 \$249,029.54 \$254,177.12 \$259,430.27 \$264,791.01 \$270,261.51	N/A	3720.71 3850.93 3985.72 4125.22 4269.6 4419.04 4573.7 4733.78 4899.46 5070.95	\$26,699.92 \$27,022.94 \$27,348.13 \$27,675.45 \$28,004.83 \$28,336.34 \$28,669.81 \$29,004.99 \$29,341.95 \$29,680.61	\$418,099.68 \$391,076.74 \$363,728.61 \$336,053.16 \$308,048.33 \$279,711.99 \$251,042.18 \$222,037.19 \$192,695.24 \$163,014.63
11 12 13 14 15 16 17 18 19	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	244756 243532 242314 241102 239896 238697 237504 236316 235134 233958 232788	1808684 1809908 1811126 1812338 1813544 1814743 1815936 1817124 1818306 1819482 1820652	\$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428 \$0.1456 \$0.1485 \$0.1515	\$30,420.63 \$30,873.87 \$31,333.85 \$31,800.67 \$32,274.43 \$32,755.38 \$33,243.51 \$33,738.77 \$34,241.41 \$34,751.56 \$35,269.33	\$0.124 \$0.127 \$0.129 \$0.135 \$0.135 \$0.140 \$0.144 \$0.144 \$0.146 \$0.149	\$224,800.66 \$229,451.85 \$234,198.38 \$239,042.21 \$243,985.30 \$249,029.54 \$254,177.12 \$259,430.27 \$264,791.01 \$270,261.51 \$275,844.00	N/A	3720.71 3850.93 3985.72 4125.22 4269.6 4419.04 4573.7 4733.78 4899.46 5070.95 5248.43	\$26,699.92 \$27,022.94 \$27,348.13 \$27,675.45 \$28,004.83 \$28,336.34 \$28,669.81 \$29,004.99 \$29,341.95 \$29,680.61 \$30,020.90	\$418,099.68 \$391,076.74 \$363,728.61 \$336,053.16 \$308,048.33 \$279,711.99 \$251,042.18 \$222,037.19 \$192,695.24 \$163,014.63 \$132,993.73
11 12 13 14 15 16 17 18 19 20 21	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	244756 243532 242314 241102 239896 238697 237504 236316 235134 233958 232788 231624	1808684 1809908 1811126 1812338 1813544 1814743 1815936 1817124 1818306 1819482 1820652 1821816	\$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428 \$0.1456 \$0.1485 \$0.1515 \$0.1545	\$30,420.63 \$30,873.87 \$31,333.85 \$31,800.67 \$32,274.43 \$32,755.38 \$33,243.51 \$33,738.77 \$34,241.41 \$34,751.56 \$35,269.33 \$35,794.83	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146 \$0.149 \$0.155	\$224,800.66 \$229,451.85 \$234,198.38 \$239,042.21 \$243,985.30 \$249,029.54 \$254,177.12 \$259,430.27 \$264,791.01 \$270,261.51 \$275,844.00 \$281,540.77	N/A	3720.71 3850.93 3985.72 4125.22 4269.6 4419.04 4573.7 4733.78 4899.46 5070.95 5248.43 5432.12	\$26,699.92 \$27,022.94 \$27,348.13 \$27,675.45 \$28,004.83 \$28,336.34 \$28,669.81 \$29,004.99 \$29,341.95 \$29,680.61 \$30,020.90 \$30,362.71	\$418,099.68 \$391,076.74 \$363,728.61 \$336,053.16 \$308,048.33 \$279,711.99 \$251,042.18 \$222,037.19 \$192,695.24 \$163,014.63 \$132,993.73 \$102,631.02
11 12 13 14 15 16 17 18 19 20 21	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	244756 243532 242314 241102 239896 238697 237504 236316 235134 233958 232788 231624 230466	1808684 1809908 1811126 1812338 1813544 1814743 1815936 1817124 1818306 1819482 1820652 1821816 1822974	\$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428 \$0.1456 \$0.1455 \$0.1515 \$0.1545 \$0.1576	\$30,420.63 \$30,873.87 \$31,333.85 \$31,800.67 \$32,274.43 \$32,755.38 \$33,243.51 \$33,738.77 \$34,241.41 \$34,751.56 \$35,269.33 \$35,794.83 \$36,328.19	\$0.124 \$0.127 \$0.129 \$0.135 \$0.135 \$0.140 \$0.144 \$0.146 \$0.149 \$0.152 \$0.155	\$224,800.66 \$229,451.85 \$234,198.38 \$239,042.21 \$243,985.30 \$249,029.54 \$254,177.12 \$259,430.27 \$264,791.01 \$270,261.51 \$275,844.00 \$281,540.77 \$287,354.12	N/A	3720.71 3850.93 3985.72 4125.22 4269.6 4419.04 4573.7 4733.78 4899.46 5070.95 5248.43 5432.12 5622.25	\$26,699.92 \$27,022.94 \$27,348.13 \$27,675.45 \$28,004.83 \$28,336.34 \$28,669.81 \$29,004.99 \$29,341.95 \$29,680.61 \$30,020.90 \$30,362.71 \$30,705.94	\$418,099.68 \$391,076.74 \$363,728.61 \$336,053.16 \$308,048.33 \$279,711.99 \$251,042.18 \$222,037.19 \$192,695.24 \$163,014.63 \$132,993.73 \$102,631.02 \$71,925.07
11 12 13 14 15 16 17 18 19 20 21 22	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	244756 243532 242314 241102 239896 238697 237504 236316 235134 233958 232788 231624 230466 229314	1808684 1809908 1811126 1812338 1813544 1814743 1815936 1817124 1818306 1819482 1820652 1821816 1822974 1824126	\$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428 \$0.1456 \$0.1485 \$0.1515 \$0.1545 \$0.1576 \$0.1608	\$30,420.63 \$30,873.87 \$31,333.85 \$31,800.67 \$32,274.43 \$32,755.38 \$33,243.51 \$33,738.77 \$34,241.41 \$34,751.56 \$35,269.33 \$35,794.83 \$36,328.19 \$36,869.54	\$0.124 \$0.127 \$0.129 \$0.132 \$0.135 \$0.137 \$0.140 \$0.143 \$0.146 \$0.149 \$0.155 \$0.155 \$0.158	\$224,800.66 \$229,451.85 \$234,198.38 \$239,042.21 \$243,985.30 \$249,029.54 \$254,177.12 \$259,430.27 \$264,791.01 \$270,261.51 \$275,844.00 \$281,540.77 \$287,354.12 \$293,286.42	N/A	3720.71 3850.93 3985.72 4125.22 4269.6 4419.04 4573.7 4733.78 4899.46 5070.95 5248.43 5432.12 5622.25 5819.03	\$26,699.92 \$27,022.94 \$27,348.13 \$27,675.45 \$28,004.83 \$28,336.34 \$28,669.81 \$29,004.99 \$29,341.95 \$29,680.61 \$30,020.90 \$30,362.71 \$30,705.94 \$31,050.51	\$418,099.68 \$391,076.74 \$363,728.61 \$336,053.16 \$308,048.33 \$279,711.99 \$251,042.18 \$222,037.19 \$192,695.24 \$163,014.63 \$132,993.73 \$102,631.02 \$71,925.07 \$40,874.56
11 12 13 14 15 16 17 18 19 20 21	2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440 2053440	244756 243532 242314 241102 239896 238697 237504 236316 235134 233958 232788 231624 230466 229314 228167	1808684 1809908 1811126 1812338 1813544 1814743 1815936 1817124 1818306 1819482 1820652 1821816 1822974 1824126 1825273	\$0.1243 \$0.1268 \$0.1293 \$0.1319 \$0.1345 \$0.1372 \$0.1400 \$0.1428 \$0.1456 \$0.1455 \$0.1515 \$0.1545 \$0.1545 \$0.1640	\$30,420.63 \$30,873.87 \$31,333.85 \$31,800.67 \$32,274.43 \$32,755.38 \$33,243.51 \$33,738.77 \$34,241.41 \$34,751.56 \$35,269.33 \$35,794.83 \$36,328.19	\$0.124 \$0.127 \$0.129 \$0.135 \$0.135 \$0.140 \$0.144 \$0.146 \$0.149 \$0.152 \$0.155 \$0.158 \$0.161	\$224,800.66 \$229,451.85 \$234,198.38 \$239,042.21 \$243,985.30 \$249,029.54 \$254,177.12 \$259,430.27 \$264,791.01 \$270,261.51 \$275,844.00 \$281,540.77 \$287,354.12	N/A	3720.71 3850.93 3985.72 4125.22 4269.6 4419.04 4573.7 4733.78 4899.46 5070.95 5248.43 5432.12 5622.25 5819.03 6022.69	\$26,699.92 \$27,022.94 \$27,348.13 \$27,675.45 \$28,004.83 \$28,336.34 \$28,669.81 \$29,004.99 \$29,341.95 \$29,680.61 \$30,020.90 \$30,362.71 \$30,705.94 \$31,050.51 \$31,396.13	\$418,099.68 \$391,076.74 \$363,728.61 \$336,053.16 \$308,048.33 \$279,711.99 \$251,042.18 \$222,037.19 \$192,695.24 \$163,014.63 \$132,993.73 \$102,631.02 \$71,925.07 \$40,874.56

<u>Notes</u>

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.