



Project Cost & Savings Summary

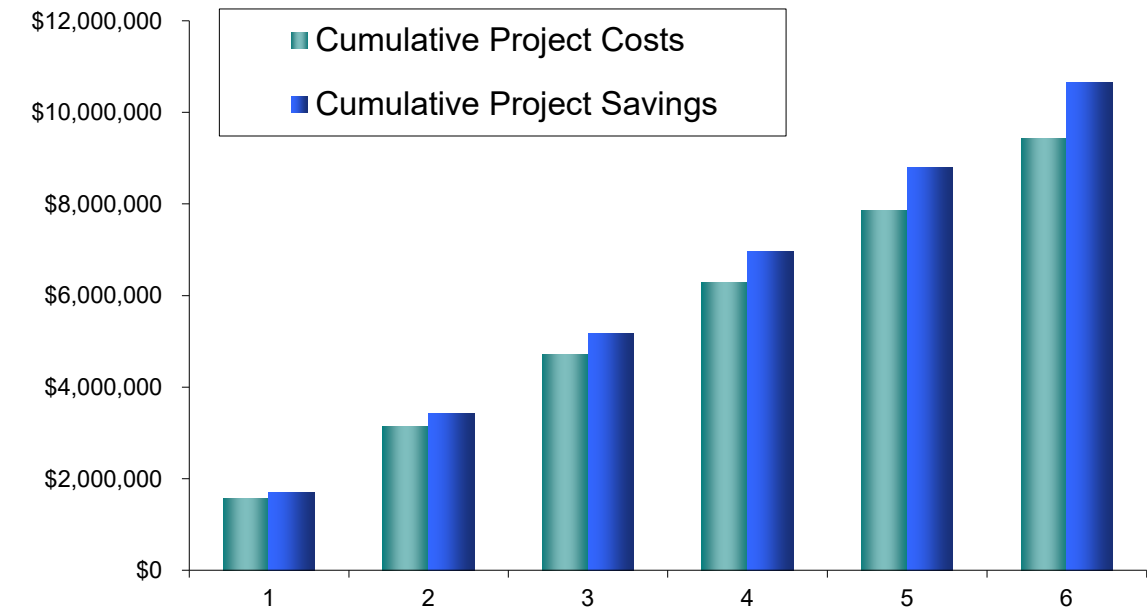
Mt. Vernon CSC
Mt. Vernon CSC 2021 GSC Addendum #1
Fortville, IN
11/10/2021

Project Description	Project Scope No.	Total Project Cost	*Rebate or Grant	Annual Project Savings	Simple Payback Period	Annual Utility Savings	Annual Operational Savings				Annualized Avoided Cost of Capital
							Material	Labor	Contract	Total Savings	
Y Mt. Vernon CSC 2021 GSC Addendum #1		\$9,100,199	\$0	\$1,694,875	5.37	Y \$101,763	Y \$0	\$0	\$889,804	\$889,804	Y \$703,308
Mt. Vernon High School											
Add side stream filter / makeup water to South Geothermal Field Loop											
Geothermal Field Maintenance / Service (Both North / South)											
Replace Make-up / Energy Recovery Air Handling Units (Total of 6)											
Return Air Path to existing equipment - Open CMU Walls / Install Lintels - Multi locations											
DDC Controls Upgrade											
Replace Water to Water Heat Pumps serving MAUs											
Trace and repair domestic hot water cross connections											
Replace check valves at mop sink basins											
Upgrade exisitng DDC controls											
Mt. Vernon Middle School											
Domestic Water Heating System Replacement											
Replace Make-up / Energy Recover Air Handling Units (Total of 3 Units)											
DDC Controls Upgrade											
Replace existing Water Source Heat Pump Units throughout the building - Reuse existing ductwork systems (Total of 67 Heat Pump Units)											
Add side stream filter / makeup water to Geothermal Field Loop											
Geothermal Field Maintenance / Service											
HP-11 Control Board Replacement											
Fire Damper Replacement (14)											
Fortville Elementary School											
Water Softener Replacement Project											
Domestic Water Heating System Replacement											
Central Plant System Replacement / Upgrade											
DDC Controls Upgrade											
Replace end of loop Dometic hot water pump. Repipe cross connections.											
Upgrade exisitng DDC network infrastructure											
McCordsville Elementary School											
Domestic Water Heating System Replacement											
Central Plant System Replacement / Upgrade											
DDC Controls Upgrade											
Upgrade exisitng DDC network infrastructure											
Mt. Comfort Elementary School											
Water Softner Replacement Project											
Rebuild Geothermal Field Loop Pumps											
Add side stream filter / makeup water to South Geothermal Field Loop											
Geothermal Field Maintenance / Service											
Replace Water to Water Heat Pumps serving MAUs											
Upgrade exisitng DDC network infrastructure											
Totals		\$9,100,199	\$0	\$1,694,875	5.37	\$101,763	\$0	\$0	\$889,804	\$889,804	\$703,308
*Utility Company Rebates TBD		\$0									
		\$9,100,199									



Cash Flow Summary (6-Year) with 1.17% Traditional Bond

Total Project Cost	\$9,100,199
Downpayment	\$0
Financed Investment Cost:	\$9,100,199
Rate of Financing:	1.17%
Term of Financing:	6 Years
Payments per Year:	2
Total Interest & Payments	\$9,439,789
Semi-Annual Payment	786649.0794
Total Savings Over Term:	\$10,658,996
Projected Savings Over 6 yr period:	\$10,658,996
Annual Utility Rate Increase:	4.50%
Annual Operational Savings Increase:	3.00%
Annual Service Cost Increase:	3.00%
Total Term Net Cash Flow:	\$1,219,207
Simple Payback:	5.37 Years
1st Year Annual Cash Flow:	\$121,577



Term Period	X	1	2	3	4	5	6
Calendar Year	Construction	2021	2022	2023	2024	2025	2026
Annual Utility Savings	\$0	\$101,763	\$106,342	\$111,128	\$116,128	\$121,354	\$126,815
Annual Operational Savings	\$0	\$889,804	\$916,498	\$943,993	\$972,313	\$1,001,482	\$1,031,527
Annualized Cost Avoid. Savings	\$0	\$703,308	\$703,308	\$703,308	\$703,308	\$703,308	\$703,308
Total Annual Program Savings	\$0	\$1,694,875	\$1,726,148	\$1,758,429	\$1,791,749	\$1,826,145	\$1,861,650
Annual Financed Payment	\$0	\$1,573,298	\$1,573,298	\$1,573,298	\$1,573,298	\$1,573,298	\$1,573,298
Semi-Annual Payment	(Ref. Only)	\$786,649	\$786,649	\$786,649	\$786,649	\$786,649	\$786,649
Additional Training	\$0	\$0	\$0	\$0	\$0	\$0	\$0
*Support Services		\$0	\$0	\$0	\$0	\$0	\$0
Total Proposed Annual Costs	\$0	\$1,573,298	\$1,573,298	\$1,573,298	\$1,573,298	\$1,573,298	\$1,573,298
Annual Cash Flow	\$0	\$121,577	\$152,850	\$185,131	\$218,451	\$252,846	\$288,352
Cumulative Cash Flow	\$0	\$121,577	\$274,427	\$459,558	\$678,009	\$930,855	\$1,219,207
Cumulative Project Costs	\$0	\$1,573,298	\$3,146,596	\$4,719,894	\$6,293,193	\$7,866,491	\$9,439,789
Cumulative Project Savings	\$0	\$1,694,875	\$3,421,023	\$5,179,452	\$6,971,202	\$8,797,346	\$10,658,996

Note: All energy savings projections are shown at 100% fully optimized. Guaranteed Saving will be reduced by 15% upon contract. Support Services fees are for the required annual state reporting. The value of these fees are based upon stipulating the energy savings, state reporting and project measurement and verification method selection.