

Evolutions Fitness & Wellness Center Comprehensive Energy Services Program

Preliminary Cash Flow Analysis - LED Lighting and Solar Project

Project Cost											\$2,771,391
Financing Cost											\$83,142
Amount to be Financed											\$2,854,533
Annual Escalation of Electricity Cost											8.00%
Annual Escalation of Natural Gas Cost											3.00%
Annual Escalation of Pool Chemical Cost											3.00%
Annual Escalation of O&M Cost											3.00%
Annual Degradation of Solar Panels											0.50%
Year	Solar Energy Savings	Energy Efficiency Electricity Savings	Projected O&M Savings	Inflation Reduction Act Direct Payment	Total Program Savings	Guaranteed Savings	Solar Operations & Maintenance Cost	Measurement & Verification Cost	Total Program Costs	Net Savings Before Lease Payments	
Year 1	\$119,530	\$23,452	\$2,084	\$677,348	\$822,414	\$135,833	\$10,952	\$3,407	\$14,359	\$808,056	
Year 2	\$128,447	\$25,328	\$2,094	\$0	\$155,869	\$146,086	\$11,280	\$3,509	\$14,789	\$141,080	
Year 3	\$138,029	\$27,355	\$2,105	\$0	\$167,488	\$157,114	\$11,619	\$3,614	\$15,233	\$152,255	
Year 4	\$148,326	\$29,543	\$2,115	\$0	\$179,984	\$168,976	\$11,967	\$3,723	\$15,690	\$164,294	
Year 5	\$159,391	\$31,907	\$2,126	\$0	\$193,423	\$181,733	\$12,326	\$3,835	\$16,161	\$177,262	
Year 6	\$171,281	\$34,459	\$2,136	\$0	\$207,877	\$195,454	\$12,696	\$3,950	\$16,646	\$191,231	
Year 7	\$184,059	\$37,216	\$2,147	\$0	\$223,422	\$210,211	\$13,077	\$4,068	\$17,145	\$206,277	
Year 8	\$197,790	\$40,193	\$2,158	\$0	\$240,141	\$226,084	\$13,469	\$4,190	\$17,659	\$222,481	
Year 9	\$212,545	\$43,409	\$2,169	\$0	\$258,122	\$243,156	\$13,873	\$4,316	\$18,189	\$239,933	
Year 10	\$228,401	\$46,881	\$2,179	\$0	\$277,462	\$261,518	\$14,289	\$4,445	\$18,735	\$258,727	
Year 11	\$245,440	\$50,632	\$2,190	\$0	\$298,262	\$281,268	\$14,718	\$4,579	\$19,297	\$278,965	
Year 12	\$263,749	\$54,682	\$2,201	\$0	\$320,633	\$302,510	\$15,160	\$4,716	\$19,876	\$300,757	
Year 13	\$283,425	\$59,057	\$2,212	\$0	\$344,694	\$325,358	\$15,614	\$4,858	\$20,472	\$324,222	
Year 14	\$304,569	\$63,781	\$2,223	\$0	\$370,573	\$349,933	\$16,083	\$5,003	\$21,086	\$349,487	
Year 15	\$327,289	\$68,884	\$2,234	\$0	\$398,408	\$376,365	\$16,565	\$5,153	\$21,719	\$376,689	
Year 16	\$351,705	\$74,395	\$2,246	\$0	\$428,345	\$404,795	\$17,062	\$5,308	\$22,370	\$405,975	
Year 17	\$377,942	\$80,346	\$2,257	\$0	\$460,546	\$435,374	\$17,574	\$5,467	\$23,041	\$437,504	
Year 18	\$406,137	\$86,774	\$2,268	\$0	\$495,179	\$468,265	\$18,101	\$5,631	\$23,733	\$471,446	
Year 19	\$436,435	\$93,716	\$2,279	\$0	\$532,430	\$503,643	\$18,645	\$5,800	\$24,445	\$507,985	
Year 20	\$468,993	\$101,213	\$2,291	\$0	\$572,497	\$541,696	\$19,204	\$5,974	\$25,178	\$547,319	
Year 21	\$503,980	\$0	\$0	\$0	\$503,980	\$0	\$19,780	\$0	\$19,780	\$484,200	
Year 22	\$541,577	\$0	\$0	\$0	\$541,577	\$0	\$20,373	\$0	\$20,373	\$521,203	
Year 23	\$581,978	\$0	\$0	\$0	\$581,978	\$0	\$20,985	\$0	\$20,985	\$560,994	
Year 24	\$625,394	\$0	\$0	\$0	\$625,394	\$0	\$21,614	\$0	\$21,614	\$603,780	
Year 25	\$672,048	\$0	\$0	\$0	\$672,048	\$0	\$22,263	\$0	\$22,263	\$649,786	
Year 26	\$722,183	\$0	\$0	\$0	\$722,183	\$0	\$22,930	\$0	\$22,930	\$699,252	
Year 27	\$776,058	\$0	\$0	\$0	\$776,058	\$0	\$23,618	\$0	\$23,618	\$752,439	
Year 28	\$833,952	\$0	\$0	\$0	\$833,952	\$0	\$24,327	\$0	\$24,327	\$809,625	
Year 29	\$896,164	\$0	\$0	\$0	\$896,164	\$0	\$25,057	\$0	\$25,057	\$871,108	
Year 30	\$963,018	\$0	\$0	\$0	\$963,018	\$0	\$25,808	\$0	\$25,808	\$937,210	
Totals	\$12,269,834	\$1,073,223	\$43,715	\$677,348	\$14,064,120	\$5,915,371	\$521,031	\$91,547	\$612,578	\$13,451,542	