

**Evolutions Fitness & Wellness Center Comprehensive Energy Services Program
Preliminary Cash Flow Analysis - LED Lighting, Pool Upgrade, and Solar Project**

Project Cost																				\$3,287,607	
Financing Cost																					\$98,628
Amount to be Financed																					\$3,386,235
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 Depreciation of Solar Panels																					0.50%
Year	Solar Energy Savings	Energy Efficiency Electricity Savings	Natural Gas Savings	Pool Chemical Savings	Projected O&M Savings	Total Program Savings	Guaranteed Savings	Solar Operations & Maintenance Cost	Measurement & Verification Cost	Total Program Costs	Net Savings Before Lease Payments										
Year 1	\$119,530	\$30,030	\$1,543	\$22,386	\$2,084	\$175,572	\$135,833	\$10,952	\$3,407	\$14,359	\$161,214										
Year 2	\$128,447	\$32,433	\$1,559	\$23,057	\$2,094	\$187,620	\$146,086	\$11,280	\$3,509	\$14,789	\$172,830										
Year 3	\$138,029	\$35,027	\$1,637	\$23,749	\$2,105	\$200,547	\$157,114	\$11,619	\$3,614	\$15,233	\$185,313										
Year 4	\$148,326	\$37,829	\$1,686	\$24,461	\$2,116	\$214,418	\$168,976	\$11,967	\$3,723	\$15,690	\$198,728										
Year 5	\$159,391	\$40,856	\$1,737	\$25,195	\$2,126	\$229,304	\$181,733	\$12,326	\$3,835	\$16,161	\$213,143										
Year 6	\$171,281	\$44,124	\$1,789	\$25,951	\$2,136	\$245,282	\$195,454	\$12,696	\$3,950	\$16,646	\$228,636										
Year 7	\$184,059	\$47,654	\$1,842	\$26,730	\$2,147	\$262,432	\$210,211	\$13,077	\$4,068	\$17,145	\$245,287										
Year 8	\$197,790	\$51,466	\$1,898	\$27,531	\$2,158	\$280,843	\$226,084	\$13,469	\$4,190	\$17,659	\$263,184										
Year 9	\$212,545	\$55,584	\$1,954	\$28,357	\$2,169	\$300,609	\$243,156	\$13,873	\$4,316	\$18,189	\$282,420										
Year 10	\$228,401	\$60,031	\$2,013	\$29,208	\$2,179	\$321,832	\$261,518	\$14,289	\$4,445	\$18,735	\$303,097										
Year 11	\$245,440	\$64,833	\$2,074	\$30,084	\$2,190	\$344,621	\$281,268	\$14,718	\$4,579	\$19,297	\$325,324										
Year 12	\$263,749	\$70,020	\$2,136	\$30,987	\$2,201	\$369,093	\$302,510	\$15,160	\$4,716	\$19,876	\$349,217										
Year 13	\$283,425	\$75,621	\$2,200	\$31,917	\$2,212	\$395,375	\$325,358	\$15,614	\$4,858	\$20,472	\$374,903										
Year 14	\$304,569	\$81,671	\$2,266	\$32,874	\$2,223	\$423,603	\$349,933	\$16,083	\$5,003	\$21,086	\$402,516										
Year 15	\$327,289	\$88,205	\$2,334	\$33,860	\$2,234	\$453,922	\$376,365	\$16,565	\$5,153	\$21,719	\$432,204										
Year 16	\$351,705	\$95,261	\$2,404	\$34,876	\$2,246	\$486,492	\$404,795	\$17,062	\$5,308	\$22,370	\$464,121										
Year 17	\$377,942	\$102,882	\$2,476	\$35,922	\$2,257	\$521,479	\$435,374	\$17,574	\$5,467	\$23,041	\$498,438										
Year 18	\$406,137	\$111,112	\$2,550	\$37,000	\$2,268	\$559,068	\$468,265	\$18,101	\$5,631	\$23,733	\$535,335										
Year 19	\$436,435	\$120,001	\$2,627	\$38,110	\$2,279	\$599,452	\$503,643	\$18,645	\$5,800	\$24,445	\$575,007										
Year 20	\$468,993	\$129,601	\$2,705	\$39,253	\$2,291	\$642,844	\$541,696	\$19,204	\$5,974	\$25,178	\$617,666										
Year 21	\$503,980	\$0	\$0	\$0	\$0	\$503,980	\$0	\$19,780	\$0	\$19,780	\$484,200										
Year 22	\$541,577	\$0	\$0	\$0	\$0	\$541,577	\$0	\$20,373	\$0	\$20,373	\$521,203										
Year 23	\$581,978	\$0	\$0	\$0	\$0	\$581,978	\$0	\$20,985	\$0	\$20,985	\$560,994										
Year 24	\$625,394	\$0	\$0	\$0	\$0	\$625,394	\$0	\$21,614	\$0	\$21,614	\$603,780										
Year 25	\$672,048	\$0	\$0	\$0	\$0	\$672,048	\$0	\$22,263	\$0	\$22,263	\$649,786										
Year 26	\$722,183	\$0	\$0	\$0	\$0	\$722,183	\$0	\$22,930	\$0	\$22,930	\$699,252										
Year 27	\$776,058	\$0	\$0	\$0	\$0	\$776,058	\$0	\$23,618	\$0	\$23,618	\$752,439										
Year 28	\$833,952	\$0	\$0	\$0	\$0	\$833,952	\$0	\$24,327	\$0	\$24,327	\$809,625										
Year 29	\$896,164	\$0	\$0	\$0	\$0	\$896,164	\$0	\$25,057	\$0	\$25,057	\$871,108										
Year 30	\$963,018	\$0	\$0	\$0	\$0	\$963,018	\$0	\$25,808	\$0	\$25,808	\$937,210										
Totals	\$12,269,834	\$1,374,241	\$41,458	\$601,510	\$43,715	\$14,330,758	\$5,915,371	\$521,031	\$91,547	\$612,578	\$13,718,180										