

## Evolutions Fitness & Wellness Center Comprehensive Energy Services Program

### Preliminary Cash Flow Analysis - LED Lighting, Pool Upgrade, Solar, and Battery Storage Project

Project Cost												\$3,287,607
Financing Cost												\$98,628
Amount to be Financed												\$3,386,235
Finance Term												25
Annual Interest Rate												5.00%
Annual Escalation of Electricity Cost												6.00%
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	Natural Gas Savings	Pool Chemical Savings	Projected O&M Savings	Total Program Savings	Guaranteed Savings	Lease Payment	Solar Operations & Maintenance Cost	Measurement & Verification Cost	Total Program Costs	Net Savings
Year 1	\$119,530	\$30,030	\$1,543	\$22,386	\$2,084	\$175,572	\$135,833	\$133,512	\$10,952	\$3,407	\$147,871	\$27,702
Year 2	\$126,068	\$31,832	\$1,589	\$23,057	\$2,094	\$184,641	\$143,381	\$142,149	\$11,280	\$3,509	\$156,939	\$27,702
Year 3	\$132,964	\$33,742	\$1,637	\$23,749	\$2,105	\$194,196	\$151,349	\$151,262	\$11,619	\$3,614	\$166,495	\$27,702
Year 4	\$140,237	\$35,766	\$1,686	\$24,461	\$2,115	\$204,266	\$159,761	\$160,874	\$11,967	\$3,723	\$176,564	\$27,702
Year 5	\$147,908	\$37,912	\$1,737	\$25,195	\$2,126	\$214,878	\$168,640	\$171,016	\$12,326	\$3,835	\$187,176	\$27,702
Year 6	\$155,999	\$40,187	\$1,789	\$25,951	\$2,136	\$226,062	\$178,014	\$181,715	\$12,696	\$3,950	\$198,360	\$27,702
Year 7	\$164,532	\$42,598	\$1,842	\$26,730	\$2,147	\$237,849	\$187,909	\$193,002	\$13,077	\$4,068	\$210,147	\$27,702
Year 8	\$173,532	\$45,154	\$1,898	\$27,531	\$2,158	\$250,273	\$198,356	\$204,912	\$13,469	\$4,190	\$222,571	\$27,702
Year 9	\$183,024	\$47,864	\$1,954	\$28,357	\$2,169	\$263,368	\$209,383	\$217,477	\$13,873	\$4,316	\$235,666	\$27,702
Year 10	\$193,035	\$50,735	\$2,013	\$29,208	\$2,179	\$277,171	\$221,025	\$230,735	\$14,289	\$4,445	\$249,470	\$27,702
Year 11	\$203,594	\$53,780	\$2,074	\$30,084	\$2,190	\$291,722	\$233,314	\$244,724	\$14,718	\$4,579	\$264,020	\$27,702
Year 12	\$214,731	\$57,006	\$2,136	\$30,987	\$2,201	\$307,061	\$246,288	\$259,484	\$15,160	\$4,716	\$279,359	\$27,702
Year 13	\$226,477	\$60,427	\$2,200	\$31,917	\$2,212	\$323,232	\$259,984	\$275,058	\$15,614	\$4,858	\$295,530	\$27,702
Year 14	\$238,865	\$64,052	\$2,266	\$32,874	\$2,223	\$340,280	\$274,443	\$291,493	\$16,083	\$5,003	\$312,579	\$27,702
Year 15	\$251,931	\$67,895	\$2,334	\$33,860	\$2,234	\$358,255	\$289,707	\$308,834	\$16,565	\$5,153	\$330,553	\$27,702
Year 16	\$265,712	\$71,969	\$2,404	\$34,876	\$2,246	\$377,206	\$305,821	\$327,134	\$17,062	\$5,308	\$349,504	\$27,702
Year 17	\$280,246	\$76,287	\$2,476	\$35,922	\$2,257	\$397,188	\$322,832	\$346,445	\$17,574	\$5,467	\$369,487	\$27,702
Year 18	\$295,575	\$80,865	\$2,550	\$37,000	\$2,268	\$418,258	\$340,791	\$366,824	\$18,101	\$5,631	\$390,557	\$27,702
Year 19	\$311,743	\$85,716	\$2,627	\$38,110	\$2,279	\$440,476	\$359,750	\$388,330	\$18,645	\$5,800	\$412,774	\$27,702
Year 20	\$328,796	\$90,859	\$2,705	\$39,253	\$2,291	\$463,905	\$379,765	\$411,025	\$19,204	\$5,974	\$436,203	\$27,702
Year 21	\$346,781	\$0	\$0	\$0	\$0	\$346,781	\$0	\$299,299	\$19,780	\$0	\$319,079	\$27,702
Year 22	\$365,750	\$0	\$0	\$0	\$0	\$365,750	\$0	\$317,675	\$20,373	\$0	\$338,048	\$27,702
Year 23	\$385,756	\$0	\$0	\$0	\$0	\$385,756	\$0	\$337,070	\$20,985	\$0	\$358,055	\$27,702
Year 24	\$406,857	\$0	\$0	\$0	\$0	\$406,857	\$0	\$357,541	\$21,614	\$0	\$379,155	\$27,702
Year 25	\$429,112	\$0	\$0	\$0	\$0	\$429,112	\$0	\$379,148	\$22,263	\$0	\$401,411	\$27,702
Year 26	\$452,585	\$0	\$0	\$0	\$0	\$452,585	\$0	\$0	\$22,930	\$0	\$22,930	\$429,654
Year 27	\$477,341	\$0	\$0	\$0	\$0	\$477,341	\$0	\$0	\$23,618	\$0	\$23,618	\$453,723
Year 28	\$503,452	\$0	\$0	\$0	\$0	\$503,452	\$0	\$0	\$24,327	\$0	\$24,327	\$479,125
Year 29	\$530,990	\$0	\$0	\$0	\$0	\$530,990	\$0	\$0	\$25,057	\$0	\$25,057	\$505,934
Year 30	\$560,036	\$0	\$0	\$0	\$0	\$560,036	\$0	\$0	\$25,808	\$0	\$25,808	\$534,227
<b>Totals</b>	<b>\$8,613,159</b>	<b>\$1,104,679</b>	<b>\$41,458</b>	<b>\$601,510</b>	<b>\$43,715</b>	<b>\$10,404,521</b>	<b>\$4,766,345</b>	<b>\$6,696,737</b>	<b>\$521,031</b>	<b>\$91,547</b>	<b>\$7,309,315</b>	<b>\$3,095,206</b>