

SunMaxx™

Commercial Solar Solutions: Apartment Buildings



- Lower hot water and heating costs
- Increase profitability while including key utilities
- Offer the highly sought after “green living” luxury premium
- Become a leading green company in your community
- Attract local media attention - and great tenants.

As economic conditions become tighter, it is more important than ever for companies to take advantage of every opportunity to lower their operating costs and differentiate themselves from the competition. A SunMaxx solar thermal system is the perfect investment to do both.

Every apartment building, and unit, requires a constant supply of hot water for daily domestic use by the tenants. Typically, this hot water is heated by fossil fuel based sources, such as oil, natural gas, propane or electricity, with some of the most unpredictable prices on the market.

A SunMaxx solar hot water system can offset a significant portion of your domestic hot water heating needs over the course of a year. This

means thousands, of dollars in energy savings every year. Aside from domestic hot water, a SunMaxx solar thermal system can be used for:

- Radiant/space heating systems
- Solar pool/spa heating systems
- Central AC/cooling systems
- Snow/ice melting applications

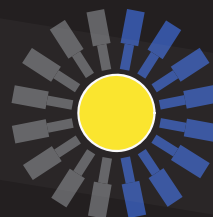
The fact is that the housing market is tight and competitive. But a SunMaxx solar hot water system could be your solution to differentiate your building, attract tenants, and justify a premium rent.

The latest market research has repeatedly shown that people will pay a premium for green living - now more than ever. Sustainable, green living can be seen as a serious luxury to

your building's offering and attract great tenants.

The tremendous savings generated by a SunMaxx solar thermal system can also be translated into higher profits, as it should be. Land lords can raise their rents and include heating and utilities (at very little extra cost), attracting many people who are tired of unpredictable utility price increases.

Thousands of apartment building owners/operators around the world use solar hot water and heating systems for a combination of these applications. They experience lower operating costs, higher rents, and increased profits each year.



Silicon Solar Inc
Innovative Solar Solutions™

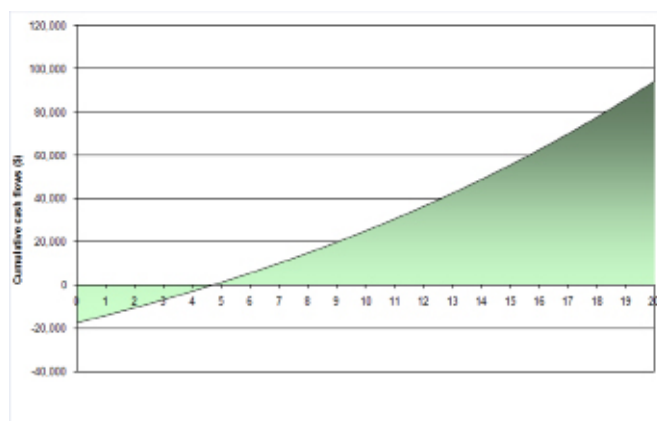
Solar Thermal for Apartment Buildings

Solar Thermal System Estimate

Business Type	Apartment Building
Location	California
Number of Units	50
Hot Water use/day	2100G
Hot Water Temperature	130 °F
Solar Collectors	SunMaxx-30 (EVT)
Number of Collectors	34
BTU/year	134.7 Million
Solar Fraction	32%
Heating Fuel	Propane
Heating Fuel Cost	\$ 2.34/G
Heat Fuel Use (Before)	4,965G
Heat Fuel Cost (Before)	\$ 11,619
Heat Fuel Use (After)	3,395G
Heat Fuel Cost (After)	\$ 7,946.00
Gross System Cost	\$ 59,600.00
Federal Tax Credit (30%)	\$ 17,780.00
State Incentive	\$ 24,398.00
Net System Cost	\$ 17,422.00

Year #	Pre-tax \$	After-tax \$	Cumulative \$
0	-17,322	-17,322	-17,322
1	3,385	3,385	-13,937
2	3,554	3,554	-10,383
3	3,732	3,732	-6,651
4	3,919	3,919	-2,732
5	4,114	4,114	1,382
6	4,320	4,320	5,702
7	4,536	4,536	10,238
8	4,763	4,763	15,001
9	5,001	5,001	20,002
10	5,251	5,251	25,254
11	5,514	5,514	30,767
12	5,789	5,789	36,557
13	6,079	6,079	42,636
14	6,383	6,383	49,019
15	6,702	6,702	55,721

Payback Period: 4 - 5 years



Solar Thermal Incentives

To help businesses pay the initial costs of a SunMaxx solar hot water or heating system, federal, state and local governments have begun offering a number of incentives.

The key incentive is a 30% uncapped federal tax credit. Most state and local governments offer a combination of state tax credits, cash rebates, sales tax exemptions and property tax increase exemptions.

Combined together, these incentives can cover 50%, or more, of the total cost of your SunMaxx solar thermal system.

New Green Economy

Studies indicate that the number of American consumers who consider themselves green shoppers is growing at exponential rates. Additionally, these studies indicate that consumers are willing pay up to 15% more for green products and services, or products and services offered by a company with a green image.

The growth of America's green industry is seen as a great step forward for our country; leading to jobs that cannot be outsourced, decreased carbon emissions, and a reduced dependence of foreign oil. Your company has the chance to be a leader in this movement, by adopting solar thermal technology.

