

# SunMaxx™

## Commercial Solar Solutions: Office Buildings



- Dramatically lower operating costs and raise profits
- Take advantage of green marketing opportunities
- Increase employee and customer satisfaction through a green mission
- Generate positive PR
- Lower dependence on fossil fuels & carbon emissions

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 their competitors. A SunMaxx solar thermal system is the perfect investment to do both.

Large office buildings and commercial parks are often built with large, open spaces, leading to higher heat consumption compared to most other buildings. This means operational costs for office buildings will rise as the prices for traditional heating sources such as oil, natural gas, propane and electricity continue to increase and remain volatile. A SunMaxx solar thermal system can be used to dramatically lower these costs and show your organization's

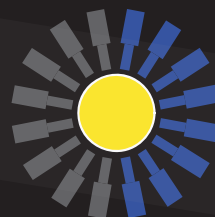
green commitment by offsetting the energy use of hot water, heating and large cooling applications.

The versatility and efficiency of a SunMaxx solar heating system allows you to offset 50%, or more, of your heating costs. Depending on the your climate and the size of your office building, this can be a savings of hundreds, or thousands, of dollars every year. And as the prices for carbon and traditional heating fuels rise in the future, so too will the savings and value delivered by your SunMaxx solar heating system.

Aside from space heating, a SunMaxx solar heating system can be used to provide you with cost-effective thermal energy for a number of applications including:

- Domestic hot water applications
- Snow/ice melting applications
- Central AC/cooling applications

To make your decision easier, the federal government, as well as most state and local governments have initiated incentives on solar thermal system installations, including income tax credits, sales tax exemptions, property tax exemptions and cash rebates. Depending on the state, these government incentives can pay for more than half of the initial cost of a solar thermal system.



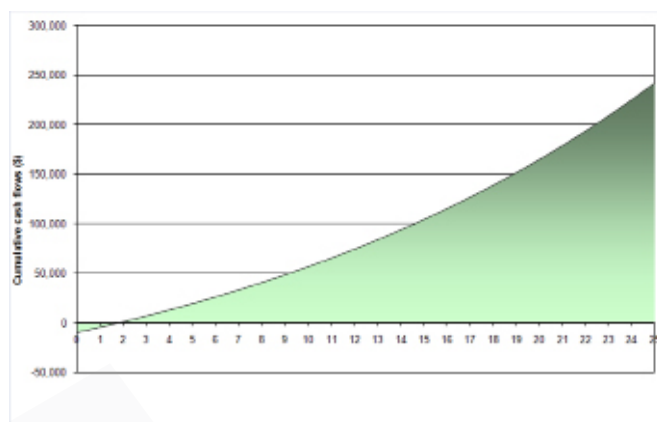
# Solar Thermal for Office Buildings

## Solar Thermal System Estimate

Business Type	Office Building
Location	Washington
Square Footage	4,000
Hot Water use/day	1800G
Hot Water Temperature	120 °F
Solar Collectors	SunMaxx-30 (EVT)
Number of Collectors	33
BTU/year	188.3 Million
Solar Fraction	50%
Heating Fuel	Propane
Heating Fuel Cost	\$ 2.34/G
Heat Fuel Use (Before)	4,385G
Heat Fuel Cost (Before)	\$ 10,263.00
Heat Fuel Use (After)	2,191G
Heat Fuel Cost (After)	\$ 5,127.00
Gross System Cost	\$ 57,000.00
Federal Tax Credit (30%)	\$ 17,100.00
State Incentive	\$ 30,500.00
Net System Cost	\$ 9,400.00

Year #	Pre-tax \$	After-tax \$	Cumulative \$
0	-9,400	-9,400	-9,400
1	5,291	5,291	-4,109
2	5,556	5,556	1,447
3	5,834	5,834	7,280
4	6,125	6,125	13,406
5	6,431	6,431	19,837
6	6,753	6,753	26,590
7	7,091	7,091	33,681
8	7,445	7,445	41,126
9	7,817	7,817	48,943
10	8,208	8,208	57,152
11	8,619	8,619	65,771
12	9,050	9,050	74,820
13	9,502	9,502	84,322
14	9,977	9,977	94,300
15	10,476	10,476	104,776

**Payback Period: 1 - 2 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. You have the chance to be a leader in this movement, by adopting solar thermal technology.

