

# SunMaxx™

## Commercial Solar Solutions: Car Care Businesses



- Lower operating costs and increase profitability
- Offer your customers safety & comfort for a low price
- Increased local media coverage - Free Marketing
- Reduce your dependence on fossil fuels & carbon footprint

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

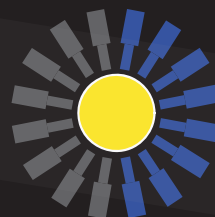
The prices of traditional hot water and heating fuels are on the rise. Oil, natural gas, propane and electricity all cost more now than ever before. As these prices increase, the operating cost of any business that uses them increases as well, lowering profitability and competitiveness.

Not every carwash uses hot water for cleaning cars. However, a great many do. But there are other needs for hot water and heat at a carwash,

all of which add to operating costs. These additional uses include radiant heating (of car bays and any customer areas or convenient stores that are on the property) and snow/ice melting, which can be extremely important in preventing accidents and injuries in the car bays, sidewalks or parking lots.

Using a SunMaxx solar thermal system for any combination of these applications will show your green commitment and cut 50%, or more, off of your hot water and heating bills. This energy savings will increase your profitability. You can use these tax-free savings on marketing, advertising, expansion and offering new or improved services to your customers.

To make your even 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. These additional savings can cut the initial cost of your SunMaxx solar thermal system by over 50%, leading to a shorter payback period and a higher overall return on investment.



**Silicon Solar Inc**  
Innovative Solar Solutions™

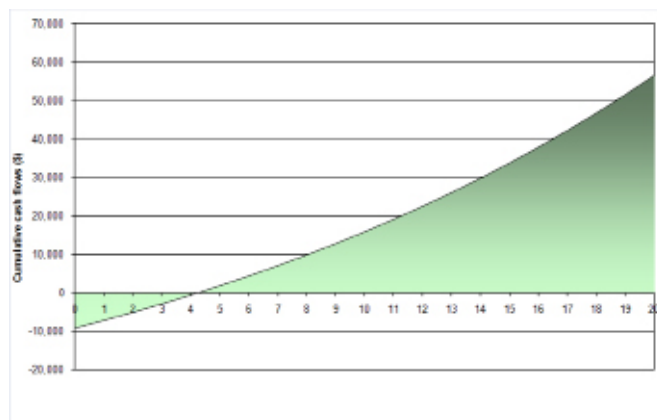
# Solar Thermal for Car Care Businesses

## Solar Thermal System Estimate

Business Type	Car Wash
Location	Maine
Cars/day	100
Hot Water use/day	900G
Hot Water Temperature	120 °F
Solar Collectors	SunMaxx-30 (EVT)
Number of Collectors	25
BTU/year	81.9 Million
Solar Fraction	40%
Heating Fuel	Propane
Heating Fuel Cost	\$ 2.34/G
Heat Fuel Use (Before)	2,403G
Heat Fuel Cost (Before)	\$ 5,624.00
Heat Fuel Use (After)	1,449G
Heat Fuel Cost (After)	\$ 3,390.00
Gross System Cost	\$ 26,000.00
Federal Tax Credit (30%)	\$ 9,100.00
State Incentive	\$ 7,800.00
Net System Cost	\$ 9,100.00

Year #	Pre-tax \$	After-tax \$	Cumulative \$
0	-9,100	-9,100	-9,100
1	1,991	1,991	-7,109
2	2,090	2,090	-5,019
3	2,195	2,195	-2,825
4	2,304	2,304	-520
5	2,420	2,420	1,900
6	2,541	2,541	4,440
7	2,668	2,668	7,108
8	2,801	2,801	9,909
9	2,941	2,941	12,850
10	3,088	3,088	15,938
11	3,243	3,243	19,181
12	3,405	3,405	22,585
13	3,575	3,575	26,160
14	3,754	3,754	29,914
15	3,941	3,941	33,855

**Payback Period: 4 - 5 years**



## Solar Thermal Incentives

To help businesses pay the upfront 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.

