

SunMaxx™

Commercial Solar Solutions: Restaurants



- Lower operating costs and increased profitability
- Increase sales and customer loyalty
- 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 themselves from their competitors. A SunMaxx solar thermal system is the perfect investment to do both.

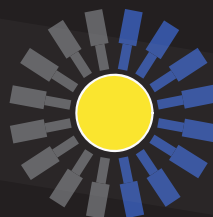
Restaurants use a lot hot water and heat. Whether you are a large national chain or a small local treasure, hot water and heating costs can severely limit the profitability of your operation. In a restaurant, hot water is used for almost everything; food preparation, cleaning, washing dishes, and more. Additionally, heating or cooling may be required during different times of the year in order to maintain the comfort of your customers. With the rising, volatile

prices of traditional heating fuels, these operating costs are continually increasing.

A SunMaxx solar hot water system can be used to offset your domestic hot water costs, your space heating costs and in large applications, your cooling costs.

Hundreds of restaurants across the United States, in every climate, have invested in solar thermal systems to cut their annual energy bills and show their green commitment. These restaurants now have a system that will pay for its initial cost in only a few years, and will pay for itself 5 times or more over its lifetime.

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 hot water or heating system by 50%, or more, leading to a shorter payback period and higher overall return on your investment.



Solar Thermal for Restaurants

Solar Thermal System Estimate

Business Type	Restaurant
Location	California
Meals/Day	200
Hot Water use/day	480G
Hot Water Temperature	130 °F
Solar Collectors	SunMaxx-30 (EVT)
Number of Collectors	8
BTU/year	31.6 Million
Solar Fraction	32%
Heating Fuel	Electricity
Heating Fuel Cost	\$ 0.15/kWh
Heat Fuel Use (Before)	31.8 MWh
Heat Fuel Cost (Before)	\$ 4,767.00
Heat Fuel Use (After)	21.5 MWh
Heat Fuel Cost (After)	\$ 3,223.00
Gross System Cost	\$ 21,200.00
Federal Tax Credit (30%)	\$ 6,360.00
State Incentive	\$ 5,740.00
Net System Cost	\$ 9,100.00

Solar Thermal Incentives

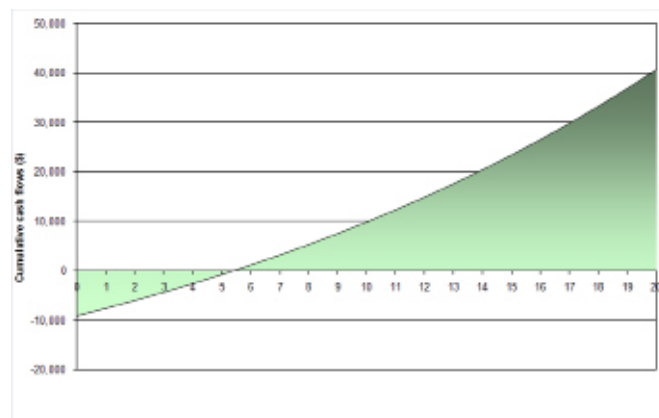
To help businesses pay the upfront costs of a SunMaxx solar hot water or heating system, federal, state and local governments have begun offering a number of incentives.

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.

Year	Pre-tax	After-tax	Cumulative
#	\$	\$	\$
0	-9,100	-9,100	-9,100
1	1,510	1,510	-7,590
2	1,586	1,586	-6,004
3	1,665	1,665	-4,339
4	1,748	1,748	-2,591
5	1,836	1,836	-756
6	1,927	1,927	1,171
7	2,024	2,024	3,195
8	2,125	2,125	5,320
9	2,231	2,231	7,551
10	2,343	2,343	9,894
11	2,460	2,460	12,353
12	2,583	2,583	14,936
13	2,712	2,712	17,648
14	2,847	2,847	20,495
15	2,990	2,990	23,485

Payback Period: 5 - 6 years



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.

