

SunMaxx™

Commercial Solar Solutions: Breweries & Wineries



- Dramatically lower operating costs and raise profits
- Reduce your dependence on fossil fuels & carbon emissions
- Generate local media attention (free marketing)
- Become a green leader in your community

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.

Breweries, distilleries and wineries use tremendous amounts of water. From the hot water used in the brewing process to the water used for sanitizing bottles and cans for packaging, heated water is an integral part of the brewing industry. Traditionally this water heating is provided by electricity and fossil fuels such as oil, natural gas and propane. The price of these energy sources and the carbon they emit are already high, and will be some of the most

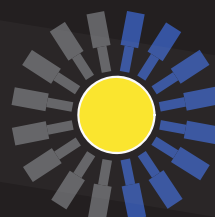
volatile and uncertain operating costs facing the industry in the future.

A SunMaxx solar hot water system is the easy alternative to your current high energy bills. By custom-sizing a SunMaxx system to the specific needs of your business, you can easily eliminate 50%, or more, of your annual energy costs. These tax-free savings will instantly increase profitability and decrease carbon emissions.

In addition to brewing processes, SunMaxx solar hot water systems have a number of other uses that you can take advantage of, including:

- Radiant/space heating applications
- Process heating applications
- Snow/ice melting applications

The federal government, as well as most state and local governments offer a range of incentives for solar thermal installations. These include income tax credits, full exemptions from sales taxes and increases in property taxes, as well as cash rebates. Incentives can cut the initial cost of a SunMaxx solar thermal system by as much as 50% or more, making it an even more attractive investment.



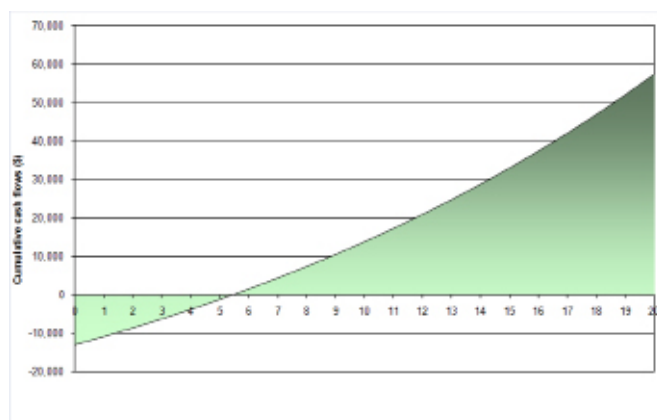
Solar Thermal for Breweries & Wineries

Solar Thermal System Estimate

Business Type	Brewery
Location	California
Hot Water use/day	1000G
Hot Water Temperature	140 °F
Solar Collectors	SunMaxx-30 (EVT)
Number of Collectors	23
BTU/year	85.1 Million
Solar Fraction	36%
Heating Fuel	Propane
Heating Fuel Cost	\$ 2.34/G
Heat Fuel Use (Before)	2,720G
Heat Fuel Cost (Before)	\$ 6,366.00
Heat Fuel Use (After)	1,729G
Heat Fuel Cost (After)	\$ 4,046.00
Gross System Cost	\$ 42,000.00
Federal Tax Credit (30%)	\$ 12,660.00
State Incentive	\$ 16,504.00
Net System Cost	\$ 12,836.00

Year #	Pre-tax \$	After-tax \$	Cumulative \$
0	-13,036	-13,036	-13,036
1	2,138	2,138	-10,898
2	2,245	2,245	-8,652
3	2,358	2,358	-6,295
4	2,476	2,476	-3,819
5	2,599	2,599	-1,220
6	2,729	2,729	1,510
7	2,866	2,866	4,375
8	3,009	3,009	7,384
9	3,159	3,159	10,544
10	3,317	3,317	13,861
11	3,483	3,483	17,345
12	3,657	3,657	21,002
13	3,840	3,840	24,842
14	4,032	4,032	28,875
15	4,234	4,234	33,109

Payback Period: 5 - 6 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 commercial 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.

The 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.

