SunMaxx Solar™
Hot Water Solutions

An Investment with Real Returns

CASE STUDY - St. Regis Aspen Resort
Aspen, CO 2009

PROJECT SUMMARY

- Domestic hot water
- Space heating
- Pool heating
- Avg. BTU production/tube = 1200 BTU
- BTU production/day = 1.62 mmBTU

Hotels and resorts have very high operating costs. Among the largest operating expenses are hot water and heating. As the prices of traditional heating sources such as oil, natural gas, propane and electricity continue to increase and remain volatile, the cost of operating a hotel or resort will continue to rise with them. This leaves hotel operators with two choices; find a way to reduce these costs, or pass these costs along to their customers through price increases and a competitive loss. A SunMaxx solar hot water and heating system helped the St. Regis to dramatically lower these costs and to become a green leader in Aspen.

Colorado's first commercial solar thermal system is used to provide heat for the facility's pool, domestic hot water and space heating demands. With over 45 SunMaxx ThermoPower-VHP30 solar thermal collectors, the system tops the charts for the largest solar thermal system in Aspen.

The St. Regis Aspen Resort is making major strides in decreasing its carbon footprint with this installation. The system is expected to decrease the hotel's natural gas usage by as much as 50 percent, and carbon dioxide emissions by 39 tons per year.