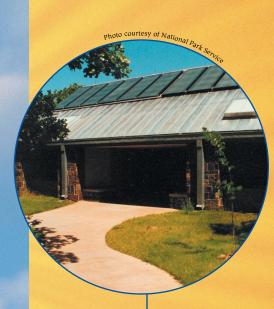


21st century technology turns sunlight into hot water.



Visitors to this **OKLAHOMA** campground enjoy hot showers, thanks to cost-effective solar water heating systems. With no backup systems, some facilities in this national recreation area rely exclusively on energy provided by the sun.

Photo courtesy of Sun Trapper Solar Manufacturing



This 200-bed general hospital in **TEXAS** uses 5,000 square feet of roof-mounted solar collector to heat hot water for kitchen and laundry operations, patient rooms and therapy pools, and sanitation-an expected savings of more than one million gallons of oil over its 30-year life.

Solar Water Heating

For Commercial Applications



Cost-effective solar energy heats commercial buildings. Reliable solar energy heats commercial water. Clean solar energy helps business and industry meet environmental requirements.



NORTH CAROLINA

highway rest areas, the Department of Transportation has installed solar thermal systems to heat water and provide supplemental space heating during the winter.

For more information:

Visit the Department of Energy's Energy Efficiency and Renewable Energy website at: www.eren.doe.gov

Call or email the Energy Efficiency and Renewable Energy Clearinghouse at: 1.800.363.3732 doe.erec@nciinc.com

Prepared for the U.S. Department of Energy



Printed with a renewable-source ink on paper containing at least 50% wastepaper, including 20% postconsumer waste

In your area, contact:

Solar Process Heat

Solar Water Heating

The Right Choice for Business

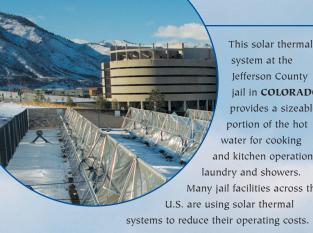
"Our solar water heating system is one of the reasons we could shut down our second boiler, saving money and most importantly maintenance. The solar system has performed wonderfully and I would recommend it time and time again."

> - Ron Wright, Director of Maintenance & Engineering, Santa Rosa Hospital Facilities

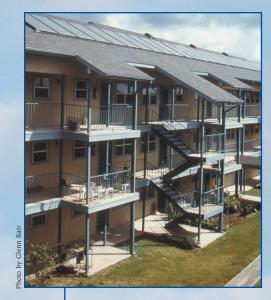
Photo courtesy of North Carolina Solar Cente

This private, not-for-profit WISCONSIN nature and environmental educational facility uses solar collectors to heat water and provide supplemental space heating. Its photovoltaic system provides a clean energy source for electricity.

photo by David Parson



This solar thermal system at the Jefferson County jail in COLORADO provides a sizeable portion of the hot water for cooking and kitchen operations, laundry and showers. Many jail facilities across the



The solar water heating system installed in this **TEXAS** apartment building reduces the need for traditional energy sources while meeting much of the demand.

clean Energy.ergy Solar process heat systems produce clean energy

for heat, hot water, steam, cooling and refrigeration. By incorporating a non-polluting solar system into your buildings, you can offset the consumption of traditional fossil fuel sources and maintain the environmental integrity of our planet.

Cost-Effective ctive Energy

Solar water heating systems can dramatically reduce energy and maintenance cost of commercial and public facilities, especially those that use significant amounts of hot water. To reduce the capital cost to install solar process heat, the federal government offers a 10% tax credit and accelerated depreciation. Several states, committed to clean energy, also provide substantial tax credits, making solar a wise investment for business and industry.

Versatile, Reliable Piable Energy.

Today's solar thermal collectors incorporate state-of-the-art technology

and are modular so they can accommodate any size application. A well-maintained system will have an expected life of more than 20 years.

