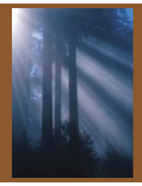

Powering the Park...Sustainably

Redwood
National and State Parks

National Park Service
U.S. Department of the Interior

Department of Parks and Recreation
State of California

The world's energy resources are finite. As stewards of our public lands and heritage, Redwood National and State Parks are especially conscious of their energy use and its impact on the park environment.

Working with Humboldt State University's Schatz Energy Research Center, the parks are designing and installing renewable systems to conserve energy at various park facilities, including the solar hot water system at the Thomas H. Kuchel Visitor Center. HSU students design these systems under the supervision of Schatz engineers. Our goal is to reduce the parks' reliance on non-renewable utility power and fossil fuels.

The University-National Park Energy Partnership Program funds this and other energy-related partnerships in national parks. This important program is sponsored by the Green Energy Parks Program, the National Park Service, the Department of Energy and the Rochester Institute of Technology.

The Kuchel Visitor Center's solar hot water system was installed in 2002, providing reliable hot water for park offices and restrooms.

The photovoltaic system at the park's Wolf Creek Outdoor School meets 10% of the facility's annual electricity needs. This is enough energy to provide for half the annual electricity needs of an average home in California.

A photovoltaic system design has been completed for the Kuchel Visitor Center by UNPEPP interns. Installation of this design would reduce the visitor center's annual electric bill by 50%. *(Photos have been digitally altered.)*

SCHATZ ENERGY RESEARCH CENTER

Sign fabrication donated by the Schatz Energy Research Center