

SUSTAINABILITY

Caring for the land



The Arapaho National Recreation Area received a microgrant to install solar panels on two fee machines.

GOING GREEN 2013 FACTS

- Reused **2,500 tires** in berm construction at the Baker Draw shooting range.
- Collected **385 pounds** of recyclable materials per employee at the Pawnee National Grassland Office in Greeley.
- Received **\$10,350** in sustainability microgrants.
- Generated **8,200 kilowatt hours** of renewable energy at the Boulder Ranger District Office.



The ARP vehicle fleet includes 10 hybrid vehicles and one plug-in electric vehicle.



The new Baker Draw Shooting Range reused old tires to construct the berm.

The Arapaho and Roosevelt National Forests and Pawnee National Grassland (ARP) are committed to responsible stewardship of natural resources. Given the challenge of living on a planet with a changing climate, the ARP has expanded its conservation ethic to include consumption. Sustainable consumption extends to the ARP's office settings and business practices. This commitment to sustainability is built on the premise that sustainability involves meeting the needs of the present without jeopardizing the ability of future generations to do the same.

- ▶ The U.S. Forest Service's Building E in Fort Collins joined **ClimateWise** in early 2013. ClimateWise is a voluntary City of Fort Collins program dedicated to helping local businesses reduce their greenhouse gas emissions. As a partner in this program, the ARP has committed to reducing its environmental footprint in the Fort Collins community.
- ▶ In 2012, following a **record drought and fire season on the ARP**, Building E Green Team members discovered that water consumption in the building was in excess of 2 million gallons. The Green Team worked with the building's property manager to adjust the irrigation schedule and controls to reduce the amount of water used for outside irrigation. This no-cost action resulted in a **savings of over 1,375,000** gallons of water in 2013, a 68 percent reduction. This represents enough water to supply 13 average American homes for one year.
- ▶ The Building E Green Team actively promoted and participated in the City of Fort Collins **Summer and Winter Bike to Work Days**, as well as the **Bike to Work Worksite Challenge**. The Challenge effort included 38 employees, prevented 5,200 miles of vehicle travel, saved 218 gallons of gas, and prevented 3,861 pounds of greenhouse gas emissions.

▶ The **Arapaho National Recreation Area (ANRA)** began utilizing solar panels to power its Pine Beach and Meadow Creek Reservoir fee stations, which were previously powered by marine grade batteries. The solar panel installation will not only **decrease the ANRA's carbon footprint**, but it will also allow employees to spend more time contacting visitors instead of changing out batteries.

▶ A 6 kW **solar photovoltaic system** at the Boulder Ranger District Office facility is now operational and generating electricity. The installation of 24 solar panels on the rooftop of the District Office represents the ARP's commitment to environmental stewardship and reducing energy consumption. The solar installation will supply about **9 percent of the facility's total electrical needs**; when the facility does not need electricity, such as weekends and holidays, it can supply and "sell" that electricity to the grid at the retail rate.