

## ***Drury Inn & Suites, Flagstaff, Arizona***

### ***Description of Project***

Project consists of a new multi-story 160 room hotel on the NAU campus in Flagstaff, Arizona. LEED Consulting to Drury Southwest, Cape Girardeau, MO.



### ***Challenges Overcome***

The Drury Inn and Suites on the Northern Arizona University campus is the first of the chain's 130 hotels to be LEED Certified.

### ***Benefits Provided:***

This Drury Inn & Suites is recognized for its environmentally friendly features, including energy recovery units that transfer 70% of energy from the exhaust air to the incoming fresh air. Other green initiatives include concrete insulation forms and solar panels to heat water. To reduce water consumption by 50%, low-flow showerheads and dual-flush commodes are featured in every guestroom. The hotel encourages guests to consider the environment by offering bike racks at the front of the building and preferred parking for fuel-efficient automobiles. The "ecological elevator" is unique to Drury Inn and the state by being one of very first to use vegetable oil to operate. In the large laundry room, high efficiency machines are used. Outside, the hotel utilizes limited lighting per the Dark Sky ordinance, minimizing light pollution that can affect astronomy and local wildlife navigation.

The hotel includes three large recycled and renewable systems: two reclaimed water tanks, Energy Recovery Units and its roof-top solar thermal heating system. The two reclaimed water tanks collect used water from the NAU campus and it is then treated and used to water the landscape and flush the toilets in guests' rooms. With this system, Drury Inn has reduced its water use by half. Most interesting is the hotel's solar thermal energy system. Located on the roof, the large, dark evacuated tubes are filled with glycol and heated by the sun and offsets 6% of the hotel's energy costs. The hotel has 28% energy savings because of its energy recovery ventilators.

Another strong point about the Drury Inn is its purposeful education. The hotel's website includes extensive information on the LEED certification, a brochure in each room, and a kiosk in the entrance providing interactive information on sustainability.

Architect: Drury Southwest, Cape Girardeau, MO 63701

LEED CERTIFICATION ACHIEVED: LEED-NC v2.2 Silver Certification, August 20, 2009