



LEED for Commercial Buildings William Jefferson Clinton Presidential Center Park

Little Rock, AR

Sustainable Building and Practices

The William J. Clinton Presidential Center and Park received a LEED Silver rating in 2004. This is the first project to achieve a LEED Silver rating in the State of Arkansas, and the first presidential library to be LEED rated. In 2005 it received an AIA Design Award of Excellence. The library, designed by Polshek Partnership Architects, exemplifies various sustainable design strategies. LEED consulting was provided by Steven Winter Associates, Inc.

Located on the banks of the Arkansas River in the city's River Market District, the 32-acre presidential center has more open space than any other presidential library. The project utilizes recycled content and locally supplied materials, along with low-VOC emitting adhesives, sealants, paints, carpets, and wood materials, and a carbon dioxide monitoring system (all of which translates into better indoor air quality for visitors and staff). The building is also sustainability innovative in its use of translucent and transparent sun screens which reduce solar heat gain. Concrete floor slabs employ radiant cooling, and on the roof, light-colored ballast materials are used on approximately 75% of the flat roof surface to help mitigate the building's heat island effects. Sustainable design features include for instance flooring made entirely of bamboo in the exhibition hall.

The building is equipped with a high-efficiency heating and cooling systems, such as displacement cooling, which was shown in energy simulation models to reduce the energy required to air condition a comparably sized museum building by more than 40%. The cooling system uses no HCFCs and the fire protection system utilizes no halons or HCFCs (which deplete the Earth's ozone layer). An array of photovoltaic panels on the building's roof will provide 66,000 kWh of power a year.



Client: William Jefferson Clinton Foundation

Location: Little Rock, AR

Building Type: Institutional - Presidential Library & Museum

Building Size: 160,000 sq. ft.

Project Status: Completed 2004

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