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Sacramento International Airport's Terminal B Achieves LEED® Silver
Eco-friendly features in concourse, terminal earn airport silver certification; latest accomplishment crowns year of regional & national accolades

SACRAMENTO, CA. — Sacramento International Airport's energy-efficient Terminal B has achieved LEED (Leadership in Energy and Environmental Design) Silver Certification from the [U.S. Green Building Council](#) green building certification program. Terminal B is the first airport terminal to achieve LEED Silver status in two new buildings constructed at the same time and is the largest airport terminal in the U.S. to achieve LEED Silver certification.

Both Terminal B's public, pre-security building and the airside, post-security concourse meet stringent LEED Silver requirements for sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality.

LEED certification is an internationally-recognized benchmark which provides independent, third-party verification that a facility was built using the highest standards for high-performance green efficiencies.

“Achieving LEED Silver certification on two buildings this large, with such intense daily public use, speaks to the vision and collaboration of the airport and its partners,” said G. Hardy Acree, Director of Airports for the Sacramento County Airport System. “We are thankful to the Sacramento County Board of Supervisors for their leadership in helping us create a terminal that can serve the air travel needs of our community for years to come.”

“Green technology is a cornerstone of the next economy,” said Don Nottoli, Chairman of the Sacramento County Board of Supervisors. “Terminal B is an outstanding example of what can be achieved when technology is combined with a beautiful, functional building which will serve and support our regional economy.”

LEED certification is the latest achievement for Terminal B, which has received multiple [awards](#) for engineering and construction excellence. These include the national Partnered Project of the Year Award from the International Partnering Institute; an honors award from the national 2012 American Council of Engineering Companies Engineering Excellence competition; the 2012 Northern California Chapter of the Construction Management Association of America

Project Achievement Award, and the 2012 American Society of Civil Engineers – Sacramento Section Project of the Year Award.

The 740,000-square-foot terminal project, dubbed “The Big Build,” was designed by Corgan Associates in association with Fentress Architects and managed by Paslay Management Group and AECOM. Construction was performed by Austin-Walsh Construction Joint Venture and Turner + FCI in association with Teichert. LEED consultation was provided by Lionakis.

The team incorporated sustainable design principles throughout development of the project. LEED certification was based on a number of building features that benefit the community, including:

- Extensive use of day-lighting with dimmable fluorescent and LED lighting which offsets energy used for artificial lighting.
- A heat-reflecting cool roof, energy-efficient LowE glass and exterior shade devices that block solar heat, reducing the need for air conditioning
- 85 percent of construction waste from the landside facility and 99 percent of construction waste from the airside facility was diverted from landfills (recycled or used elsewhere)
- Low-flush fixtures and automatic water fixtures are used throughout facility
- Nine acres of asphalt parking were restored back to landscape and natural habitat to reduce greenhouse gas effects.
- Drought-tolerant landscaping encircling the terminal is irrigated by groundwater (not potable water)
- Use of 68,000 board feet of reclaimed redwood, including portions of the demolished Franklin-Thornton Bridge, which was incorporated into ceiling of Central Terminal B.

Airport administrators worked with LEED-accredited professionals and engineers from the Sacramento Municipal Utility District to maximize energy efficiencies. SMUD estimates that the terminal yields a greenhouse gas reduction of 793 metric tons of carbon dioxide annually, the equivalent to planting more than 33,000 trees or removing 165 cars from the road.

By implementing environmentally-sustainable practices, Sacramento International Airport has shown it is in step with the airport industry as a whole, said Greg Principato, president of the Airports Council International-North America (ACI-NA).

“Sacramento’s achievement of LEED Silver certification on Terminal B is a shining example of the green building and sustainability concepts that airports across North America have

been implementing to minimize airport environmental impacts while improving the overall passenger experience,” said Principato.

Sacramento County Airport System is responsible for planning, developing, operating and maintaining the county’s four airports: Sacramento International Airport, Executive Airport, Mather Airport and Franklin Field. The economic impact of the Sacramento County Airport System is more than \$4 billion annually. For more information, visit www.sacramento.aero

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