

WILDWOOD CORPORATE CENTRE II

480 WILDWOOD FOREST DRIVE
SPRING, TEXAS 77380

37% reduction in interior water usage

100% reduction in potable water used for landscape irrigation

100% stormwater treated on site

LEED® Facts

Wildwood Corporate Centre II
Spring, TX

LEED v2009 for Core and Shell
LEED Silver

Silver **52**

Sustainable Sites 16/28

Water Efficiency 3/10

Energy & Atmosphere 14/37

Materials & Resources 6/13

Indoor Environmental Quality 7/12

Innovation in Design 4/6

Regional Priority 2/4

WILDWOOD CORPORATE CENTRE II: LEED SILVER IN SPRING

PROJECT BACKGROUND

Wildwood Corporate Centre phase II is designed with environmentally friendly features that reduce operating costs, minimize negative environmental impacts, and ensure a healthy and productive workplace for employees. The building is designed to maximize energy efficiency, reduce water usage, is built with responsibly sourced materials, and its site features some of the latest in innovative green technologies.

SUSTAINABLE SITES (16/28)

The project is located within 1/2 mile of more than 10 basic services, which gives employees access to a variety of surrounding uses without reliance on automobile transportation. In addition, stormwater is stored and treated on site through an innovative detention system that holds water for on site irrigation uses and then releases it in advance of major rain events to free up detention capacity.

WATER EFFICIENCY (3/10)

Low-flow fixtures throughout the building and a low water use landscape maximizes water savings for the building. Indoor potable water use is reduced by 37% when compared to a standard code-compliant building. Water used for landscape irrigation is supplied completely by captured rainwater.

ENERGY & ATMOSPHERE (14/37)

An independent commissioning agent reviewed submittals, developed a systems manual, and conducted functional testing of the building's equipment in order to prevent inefficiencies during and after installation. All HVAC and fire-suppression systems in the project operate without CFC, HCFC, or Halon-based refrigerants, preventing the release of ozone-depleting substances. Low-e glass, a thermally improved curtain wall, a highly efficient HVAC system, and low lighting power density are major contributors to a predicted 12% reduction in energy use over a code-compliant office building.

MATERIALS & RESOURCES (6/13)

More than 75% of the debris generated during construction for the project has been recycled. An on-site recycling program also encourages employees and visitors to collect paper, glass, cardboard, plastics and metals. Steel, insulation and millwork with high recycled content have been incorporated in the project, reducing the impacts associated with the extraction and processing of virgin materials.

INDOOR ENVIRONMENTAL QUALITY (7/12)

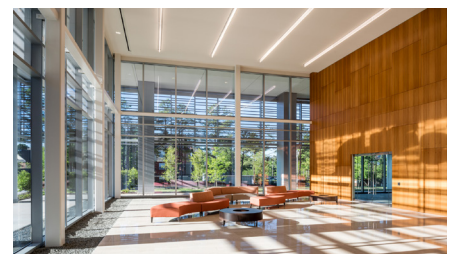
Construction followed stringent guidelines to minimize the introduction of harmful air contaminants into the space. Low-emitting paints, adhesives, sealants, and flooring were used to ensure healthy indoor air quality for occupants. Occupant access to quality daylight and views were ensured through the design of the building.

INNOVATION IN DESIGN (4/6)

A green building education program is in place, including guided tours of the sustainable aspects of the project. The project is also expected to be awarded multiple points for exceeding the requirements of existing credits related to the use of sustainable materials and protections of indoor air quality during construction.

REGIONAL PRIORITY (2/4)

The project was awarded two bonus points for pursuing credits that are particularly beneficial for South Texas, including managing construction waste and treating stormwater prior to discharge from the site.



Owner: [GeoSouthern Energy Corporation](#)
 Architect: [Kirksey Architecture](#)
 Contractor: [EE Reed](#)
 MEP: [DBR Engineering Consultants](#)
 Structural Engineer: [Walter P. Moore](#)
 Civil Engineer: [LJA Engineering](#)
 Landscape Architect: [Asakura Robinson](#)
 Commissioning: [T&D Engineers](#)
 Square Footage: [221,800 square feet](#)

ABOUT LEED

The LEED® Green Building Rating System™ is the national benchmark for the design, construction, and operations of high-performance green buildings. Visit the U.S. Green Building Council's Web site at www.usgbc.org to learn more about how you can make LEED work for you.

Kirksey
ARCHITECTURE