

CalSTRS Headquarters Green Facts

The 409,000-square-foot CalSTRS headquarters seeks the U.S. Green Building Council LEED Certification, which will make it one of the Sacramento Region's most environmentally friendly buildings.

About LEED

- Stands for Leadership in Energy and Environmental Design
- Developed by the U.S. Green Building Council, voluntary, national rating system for highly sustainable buildings
- Measures and rates six areas:
 - » Sustainable site development
 - » Water savings
 - » Energy efficiency
 - » Materials and resources selection
 - » Indoor environmental quality
 - » Innovation and design

CalSTRS LEED Certification Produces ... *Resource Efficiency Benefits*

- Estimated 12% less energy use than comparable conventional buildings, nationally
- Reduces water use nearly 40% via low-flow water fixtures, high-efficiency irrigation, water-efficient native landscaping
- Reduces tree and other resource harvest, extraction, processing by including at least 10% recycled construction materials
- Reduces greenhouse gas emissions, promotes local manufacturing by using at least 20% of construction materials from within 500 miles of project
- Reduces waste, resource use, saves landfill space by recycling about 75% of construction debris

Environmental Benefits

- Reduces risk of ozone destruction by using CFC-free cooling, refrigeration, fire protection systems
- Minimizes building heat generation by using reflective roof and sidewalk pavers, covered parking, shade-producing landscape
- Uses less land with smaller, 4.57-acre, building footprint

Operational Benefits

- "Fritted" glass diffuses sunlight, minimizes lobby's solar heat
- Saves more than \$130,000 a year in estimated energy costs, freeing funds for investments
- Increased lifespan of facilities, equipment through sustainable operations, maintenance
- Higher value over time compared to non-LEED buildings

Employee Benefits

- Healthier work environment: cleaner air, less building-material chemical exposure, easy access to the River Walk
- Natural lighting to 90% of occupants
- Individual floor-mounted air flow control to most of the more than 1,250 workstations
- Preferred parking for carpools, vanpools, green vehicles
- Public transit discounts