

CASE STUDY

Los Angeles Convention Center

2019
Walk the Walk Project of the Year



6699

Mayor Eric Garcetti has set the goal of making Los Angeles the most sustainable city in the United States. We are proud that the Los Angeles Convention Center is committed to operating in an environmentally responsible manner and is continuously seeking ways to reduce our environmental footprint and promote sustainable efforts within the tourism industry and with the millions of visitors to our great city.

Doane Liu
Executive Director
City of Los Angeles Department of
Convention and Tourism Development

Portfolio Description

The Los Angeles Convention Center (LACC) opened in 1971 and has been expanded three times. In 2008, it became the first U.S. convention center and first City of Los Angeles building of its age and size to be LEED certified.

Sustainability Goals

In its work towards the Los Angeles Sustainable City Plan, established in 2015, the LACC established specific performance goals for 2020 across five areas: (1) Energy and Climate, (2) Water, (3) Responsible Purchasing, (4) Education and Communication, and (5) Waste and Recycling. The LACC recently reached its goal of reaching high diversion rates and pivoted to focus on achieving zero waste.



11%
reductions in 2018



Portfolio Specifications

Address: 1201 South Figueroa Street

Square Feet: 2,023,966

laccink.com

Project Background

The LACC has a long-held sustainability ethos. It hosted 2016 United States Green Building Council Greenbuild conference and 2018 Climate Reality Project Leadership Corps conference. The solar project eliminates 2,554 metric tons of carbon emissions per year (equivalent to planting 66,192 trees).



Pro Tip

In order to be successful, you must be innovative, lead by example, utilize all resources and evaluate your building. Clear goals and a 100 percent commitment drive the team's formula for success which includes buy-in from all stakeholders. As sustainability is ever growing and changing, we must embrace change and build the road to a sustainable future.

Estella Flores
Interim Vice President of Operations

2018 Project Highlights

- Added 2.21-megawatts of solar capacity, bringing total to 2.58-megawatts and making it the largest solar array on a municipally-owned convention center in the United States
- Upgraded over 2,000 exterior and interior lights (including exhibit halls) to LED lamps with projected savings of over one million kilowatt hours annually
- Installed CO sensors on exhaust fans and Level 2 EV chargers
- Upgraded three commercial dishwashers to water and energy efficient models

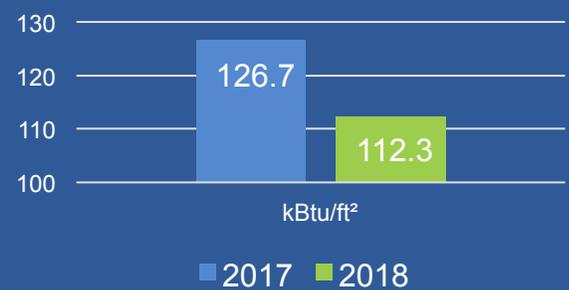
Projects Completed Prior to 2018

- Installed a 525,000-square-foot "cool roof" that reflects sunlight and heat
- Upgraded 30 refrigerators to ENERGY STAR® models
- Upgraded 1,000 lights to LED lamps (70% of facility lamps replaced)

Stakeholder Engagement

LACC provides clients with detailed diversion reports including overall water and energy usage during the duration of their time in the facility. Center staff educates its employees, attendees, contractors, and event planners through weekly social media #ecoMonday posts, newsletters and a sustainability guide.

Source EUI



Innovation

The solar project utilizes PermaCity's SolarStrap roof attachment system, which reduces the overall weight of the installation, thus allowing for a larger array, quicker installation, less labor and a longer lifespan. LACC uses Schneider Electric's Resource Advisor program to monitor energy and water usage and track progress towards 2020 goals.