

# FIESTA AMERICANA MÉXICO SATÉLITE

Tlalnepantla, Mexico | Final EDGE Certification | February 2019

Developer: Fibra Hotel | EDGE Auditor: Jose Julio Bastidas



Located in Tlalnepantla, an industrial hub of greater Mexico City rich in history and culture, the Fiesta Americana México Satélite is situated in an ideal area with easy access to nearby offices and shopping. The five-star hotel has 223 guest rooms, a restaurant, and meeting areas, and is designed to be resource-efficient. The hotel saves energy with the help of energy-efficient air conditioning and energy-saving lighting, while reducing its water consumption through low-flow showerheads and auto shut-off faucets.

Building green not only helps Fiesta Americana México Satélite lower their carbon footprint, but it also makes economic sense. The hotel saves over US \$9,800 per month in utility costs and will recover their investment in efficiency measures in less than two years. The hotel is a member of the Fiesta Americana hotel chain, operated by Grupo Posadas and owned by Fibra Hotel. Fiesta Americana México Satélite has received final EDGE certification from GBCI.

**Size**  
13,399 m<sup>2</sup>



## 25% ENERGY SAVINGS

Reduced window to wall ratio, higher thermal performance glass, energy-efficient air conditioning with air cooled screw chiller, energy-saving lighting and occupancy sensors in bathrooms are projected to save 25 percent of the energy that a conventional hotel would require.

**Guest Rooms**  
223



## 44% WATER SAVINGS

Low-flow showerheads, low-flow faucets, dual flush water closets, water-efficient urinals, aerators and auto shut-off faucets in bathrooms and water-efficient kitchen faucets help reduce water waste and lower utility bills.

**People Impacted**  
350

## 52% LESS EMBODIED ENERGY IN MATERIALS

Precast RC planks and joist system for floor slabs and roof construction, medium weight hollow concrete blocks for external walls, plasterboards on metal studs with insulation for internal walls and aluminum window frames help reduce this project's impact on the environment.

**CO<sub>2</sub> Savings**  
303.8  
tCO<sub>2</sub>/Year



EDGE, an innovation of International Finance Corporation (IFC), is a green building certification system focused on making buildings more resource-efficient. It empowers developers to quickly identify the most cost-effective ways to reduce their building's energy use, water use and embodied energy in materials. Green Business Certification Inc. (GBCI) administers EDGE certification in over 140 countries around the world and is the exclusive certification provider for all EDGE buildings in India. Learn more at [edge.gbci.org](http://edge.gbci.org).