

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 13,399m ²
Guest Rooms 223
People Impacted 350
CO₂ Savings 303.8 tCO ₂ /Year

25% ENERGY SAVINGS



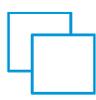
Reduced window to wall ratio, higher thermal performance glass, energy-efficient air conditioning with air cooled screw chiller, energy-saving lighting and occupancy sensors in bathrooms are projected to save 25 percent of the energy that a conventional hotel would require.

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.

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.