

# UNDERFLOOR SERVICE DISTRIBUTION

by Tate Access Floors

British Petroleum, Helios Plaza  
Houston, TX  
Completed 2010

## OWNER OCCUPIED PROJECT

400,000 gross sq ft  
300,000 sq ft access floor  
6 stories  
24" FFH

## Products Used:

ConCore 1250  
Underfloor Air System  
Modular Wiring & Cable

**LEED Platinum Certified**



## Subject

British Petroleum, Helios Plaza

The redevelopment of BP America's Westlake Campus in Houston consists of multiple projects which will allow BP America to double its current 5,000+ employees. The Helios Plaza facility was constructed with a sustainability goal of LEED Platinum, a first for new office construction in the Houston metropolitan area. This building's primary use is to provide more trading floor and office space, supporting BP's Integrated Supply and Trading function and associated businesses. Adhering to BP's high sustainability goals, the project team created a 6-story 400,000 square foot facility that was awarded LEED Platinum certification from the United States Green Building Council.

BP at Helios Plaza operates under its own power source, using natural gas to run a combined heat and power generator instead of taking electricity from the grid. The building makes good use of one of Houston's natural resources, with a rainwater collection system that is used in place of tapwater for everything but washing, cooking and human consumption. The trading of markets does not pause for natural disasters. Helios Plaza is built to withstand hurricanes and tornadoes that would knock many operations out of action for an extended period. Tate Access Floors was able to contribute to the seismic requirements of this building with its seismic force-resistant pedestals. The greatest accomplishment, however, is the LEED Platinum certification by the United States Green Building Council. Integration of access floors with UFAD and underfloor wire/cable distribution contributes toward numerous credits for LEED-NC certification in the Energy & Atmosphere, Material & Resources and Indoor Environmental Quality categories, greatly enhancing the LEED scorecard of British Petroleum's Helios location and any project striving for certification by the USGBC. It was an honor to participate in this project.

## TATE AUTHORIZED DEALER

McCoy Specialties  
Houston, TX

## TATE INSTALLING DEALER

Prestige Interiors  
Houston, TX

## ARCHITECTURAL FIRM

Gensler  
Houston, TX

## GENERAL CONTRACTOR

Bovis Lend Lease  
Houston, TX

## MECHANICAL ENGINEERING FIRM

I.A. Naman  
Houston, TX

**Tate**<sup>®</sup>