



Gaylord National Resort & Convention Center



Gaylord National Resort & Convention Center is the crown jewel of the newly developed National Harbor, a dynamic waterfront community in Prince George's County, Maryland. The world-class resort covers 41.7 acres, and overlooks the monuments and skyline of our nation's capital. McPhee Electric, Ltd. lead the electrical tri-venture for this project along with Phalcon, Ltd., J.E. Richards Electric, Inc., and fellow FEC member, Truland Systems. At the time the project started, it was the largest construction project in the United States.

Gaylord National Resort & Convention Center is located just outside of Washington, D.C. The first-class destination features fine dining and casual restaurants, unique shopping experiences, an indoor pool, spa, and fitness center.

This hotel and convention center project included:

- 2,000 guestrooms, including 108 lavish suites and 300 VIP Tower rooms
- 470,000 sq. ft. of flexible convention, meeting, exhibition and pre-function space
- 180,000 sq. ft. exhibition hall with 17 dedicated loading docks
- 50,000 sq. ft. ballroom with theatrical stage, 3 additional ballrooms of 30,000, 14,000 and 8,100 sq. ft.
- 74 breakout rooms with maximum flexibility and

state-of-the-art technology

- 8,000 sq. ft. of elegant retail shopping inside the hotel
- Six restaurants
- 20,000 sq. ft. world-class, full-service spa, salon, and fitness center

The scope of the electrical work included high voltage equipment and feeders, 600 volt distribution equipment, 600 volt feeders, light fixtures, lighting branch circuits, power branch circuits, fire alarm, theatrical dimming and controls, cable trays, security, lightning protection and grounding, tele/data, MATV, and A/V system. All conduit, wiring, and testing was completed by McPhee. The central plant and site required installation of 15kV switchgear, generator and parallel gear, 15kV feeders, 600 volt feeders, site lighting, site security, and civil work.

Market:

Commercial & Entertainment

Date:

2008

Location:

National Harbor, MD

McPhee Electric, Ltd.

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