



Hospitality



FuelCell Energy

Ultra-Clean, Efficient, Reliable Power

Sheraton San Diego

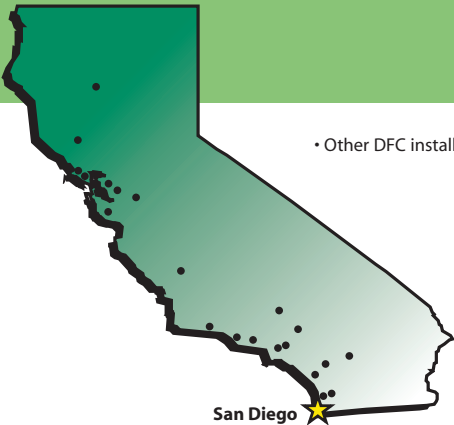
problem: Starwood Hotels, managers of the Sheraton San Diego Hotel & Marina in San Diego, California, sought to find an affordable and efficient means of producing environmentally-friendly baseload electrical power for this popular hotel and resort.

solution: FuelCell Energy® provided the answer, installing a one-megawatt (1 MW) stationary fuel cell power plant made up of four 250-kilowatt Direct FuelCell® 300A (DFC300A®) power plants from FuelCell Energy that are classified as an “Ultra-Clean” technology under California law, thus qualifying the new system for considerable financial subsidies. Benefits such as high-reliability, ultra-low emissions, and quiet operation made the fuel cell system a perfect fit for the hotel’s needs. As an added benefit, heat produced within the fuel cell is used to support the hotel’s hot water needs and to heat three of the facility’s large pools.

Sheraton’s tennis courts, the fuel cell system generates so little noise pollution, it is virtually unnoticeable. The system has proven very reliable, attaining a reliability rating of more than 98% since operation began in 2005. The power plant has also generated substantial interest from hotel guests, who are curious about the new power system and how it operates. In fact, the Sheraton estimates they have booked more than 1,000 rooms in the last year due to interest in the fuel cell system, and their reputation for environmentally-friendly practices.



result: The fuel cell plant supplies 60% - 80% of the hotel’s baseload power requirements. Inconspicuously located adjacent to the

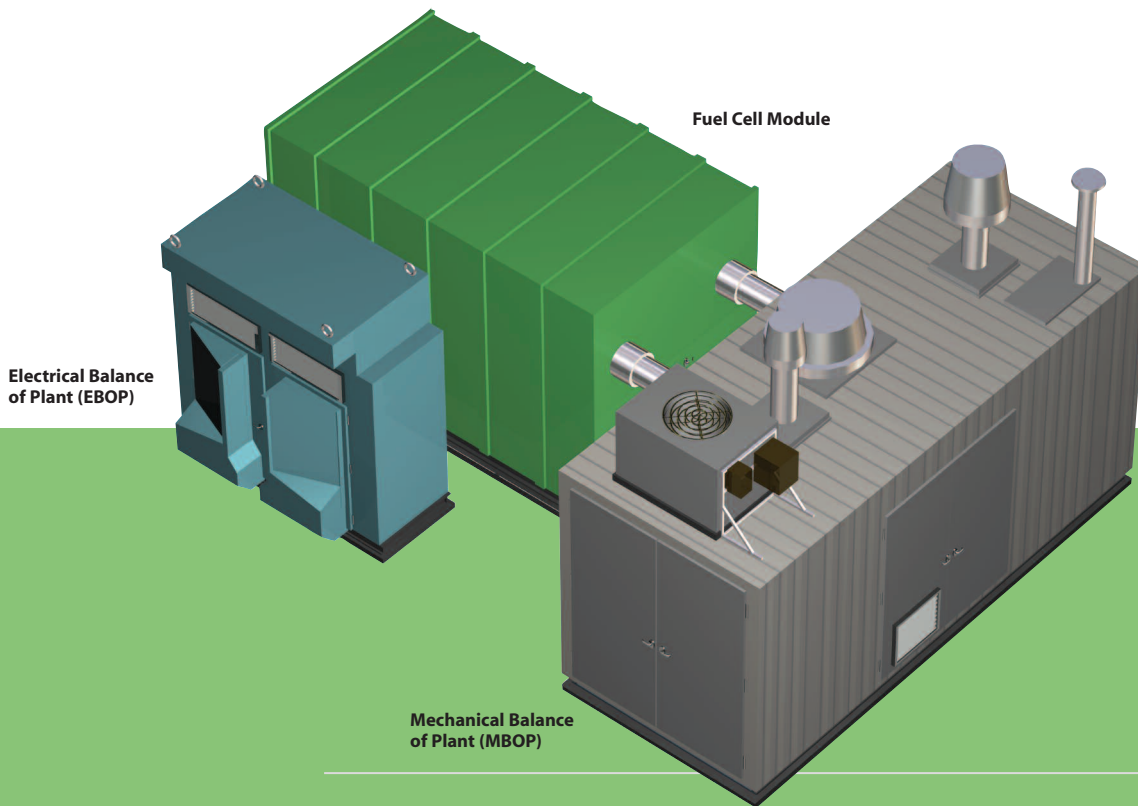


• Other DFC installations

San Diego

About DFC Power Plants

Direct FuelCell power plants operate on a variety of fuels, including methane from biogas, waste gas from industrial processes, and natural gas.



Direct FuelCell power plants are comprised of three major functional elements: Electrical Balance of Plant, Mechanical Balance of Plant, and Fuel Cell Modules.

As a result of the resounding success attained after one year of operating the initial 1 MW fuel cell plant, Starwood added a second fuel cell installation to the property in July 2006. Two 250-kilowatt DFC300MA[®] fuel cells were installed at the West Tower portion of the property, bringing the total power output to 1.5 MW, making it the single largest commercial fuel cell installation in the world at the time. The West Tower fuel cell plant provides 100% of the power requirement and 100% of the domestic hot water heat source for the West Tower.

About Starwood Hotels

Starwood Hotels & Resorts Worldwide, Inc. is one of the leading hotel and leisure companies in the world with 870 properties in more than 100 countries. Starwood owns,

operates, and franchises such internationally renowned brands as St. Regis[®], The Luxury Collection[®], Sheraton[®], Westin[®], Four Points[®] by Sheraton, W[®] Hotels and Resorts, and Starwood Vacation Ownership, Inc. For more information, please visit www.starwoodhotels.com.

About FuelCell Energy

FuelCell Energy develops and markets Ultra-Clean power plants that generate electricity with higher efficiency than distributed generation plants of similar size and with virtually no air pollution. For more information on the company, its products, and its world-wide commercial distribution alliances, please visit www.fuelcellenergy.com.

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