



## Corporate Responsibility In Depth

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### **Whole Foods Market® stores using UTC Power clean energy**

In 2009, UTC Power provided a second fuel cell to Whole Foods Market for a new store in Dedham, Mass. A 400-kilowatt UTC Power fuel cell supplies 90 percent of the power and all of the hot water needs for this store, the second Whole Foods Market in New England with a fuel cell. The first was in Glastonbury, Conn.

Fuel cells combine hydrogen and oxygen in an electrochemical process to produce electricity, heat and water. This makes fuel cells one of the cleanest energy-generation sources available in the world. They also meet the strictest U.S. emission standards.

In traditional power plants, more than half of the energy potential is lost to the atmosphere as waste heat, or in transmission. In contrast, the fuel cell system captures and uses its thermal energy for local cooling and heating.

UTC Power will install, own, operate and maintain the fuel cell system in Dedham. The PureCell Model 400 system also will provide standby power if there is a grid failure, allowing the store to operate without disruption and preventing costly food spoilage.

In March 2008, the Whole Foods Market in Glastonbury, Connecticut, became the first in the world to generate most of its power with a fuel cell, using a 200 kW UTC Power unit. In early 2010, Whole Foods Market announced it would power a new store in San Jose, Calif., with a UTC Power 400 kW fuel cell.