



FuelCell Energy

Ultra-Clean, Efficient, Reliable Power

Fact Sheet



1.4 MW DFC Power Plant at Pepperidge Farm Bakery in Bloomfield, Connecticut

FuelCell Energy is the world's leading manufacturer of stationary fuel cell power plants for Ultra-Clean power generation. Since its founding in 1969 as Energy Research Corporation, the company has led the way in the development of fuel cell technology and the commercialization of stationary fuel cell power plants. The company's Direct FuelCell® (DFC®) power plants range in output from 300 kilowatts (kW) up to 2.8 megawatts (MW), scalable up to 50 MW. DFC power plants are suitable for a variety of commercial, industrial, and grid support applications. They offer 24/7 operation, high efficiency, and virtually no pollutant or particulate matter emissions, with low carbon compared to traditional fossil fuel power plants. In addition, DFC power plants operate on a variety of fuels, including methane from biogas, waste gas from industrial processes, and natural gas.

Corporate Management

R. Daniel Brdar – *Chairman, President, and Chief Executive Officer*

Christopher R. Bentley – *Executive Vice President of Government R&D Operations, Strategic Manufacturing Development*

Joseph G. Mahler – *Senior Vice President, Chief Financial Officer, Secretary, Treasurer, Corporate Strategy*

Stock Symbol

NASDAQ: FCEL

Products

Direct FuelCell® (DFC®) high-temperature carbonate fuel cell power plants:

DFC300™ 300 kW, suitable for super markets, medium-sized hotels, or similar commercial operations.

DFC1500™ 1.4 MW, suitable for large hotels, convention centers, and other medium-demand installations.

DFC3000™ 2.8 MW, suitable for hospitals, universities, large commercial and industrial operations, and power grid support.

DFC/T™ (DFC/Turbine) multi-megawatt DFC power plant integrated with an unfired turbine to deliver approximately 60% electrical efficiency.

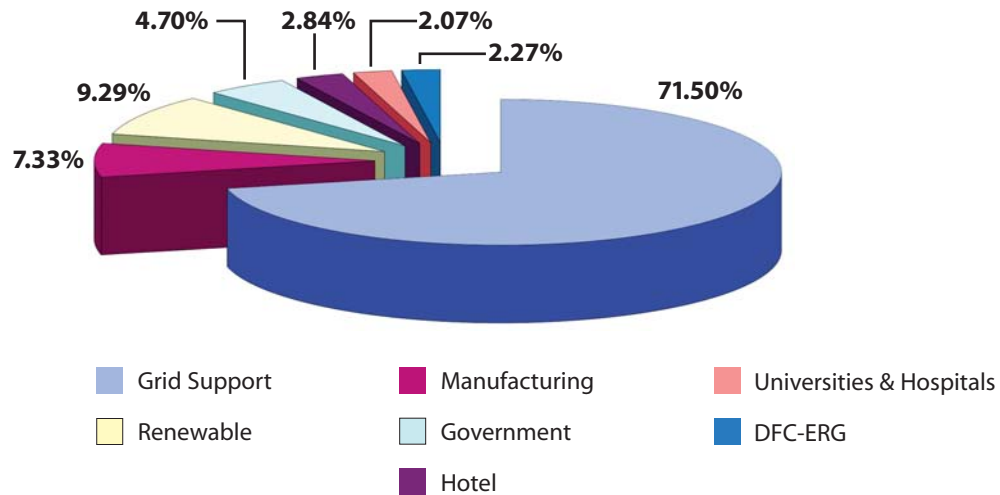
DFC-ERG® (Direct FuelCell– Energy Recovery Generation) multi-megawatt hybrid fuel cell system, recovers energy normally lost in natural gas pipeline operations, resulting in approximately 60% electrical efficiency.

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.

Applications

DFC products are well suited to a wide variety of commercial and industrial applications. The company's orders and installed base in megawatts consist of:



FuelCell Energy Milestones

- 1969 – Predecessor company, Energy Research Corporation (ERC) founded by Bernard Baker and Martin Klein
- 1992 – ERC stock goes public
- 1996 – ERC's first 2-megawatt fuel cell system goes online in Santa Clara, California
- 1999 – ERC splits off battery division into Evercel, Inc., and renames the company FuelCell Energy (NASDAQ: FCEL)
- 2003 – FuelCell Energy ships first commercial Direct FuelCell unit to Kirin Brewery in Japan
- 2008 – POSCO Power orders 25.6 MW of FuelCell Energy power plants and fuel cell modules for delivery in 2009
- 2009 – Connecticut Department of Public Utility Control approves 27.3 MW of projects using FuelCell Energy power plants bringing total to 43.5 MW
- 2009 – POSCO Power orders 30.8 MW of FuelCell Energy modules and components with estimated value of \$58 million bringing total to 69 MW to date
- 2009 – FuelCell Energy and POSCO Power sign license agreement to localize products for South Korean market and POSCO purchases \$25 Million in FuelCell Energy common stock
- 2009 – 97 MW installed or in backlog with over 55 installations worldwide
- 2009 – City of Tulare, CA orders fourth unit, bringing CA total backlog and installations to 17MW
- 2009 – FuelCell Energy products have generated 400 million kWh of electricity, saving approximately 150,000 tons of CO₂, 500 tons of NO_x, 1,200 tons of SO_x, and over 32 tons of particulate matter as of December 31, 2009

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