

On-site Clean Power for Healthcare

Reducing Operating Costs and Enhancing Power Reliability



Improves patient care with reliable and resilient power

- **Predictable** power generated on-site
 - *Not dependent on weather or time of day*
- Ensuring **energy security** when it matters most
- **Unobtrusive** – quiet, vibration-free and compact footprint



Reduces Operating Costs

- Affordable power priced below the grid
- Pay for power as it is produced – avoiding capital investment
- Highly **efficient** combined heat and power (CHP) further supports economics and sustainability goals



Advances sustainability with environmentally-friendly power

- Ultra-clean power using **chemistry**, not combustion
 - *Avoids criteria pollutants*
- Supports **sustainability** initiatives
- **Low carbon** footprint



SureSource Solutions

Delivering Customer Satisfaction



Hartford Hospital, Connecticut

- **Combined heat and power (CHP)** fuel cell produces **continuous** supply of ultra-clean electricity and heat to the 867 bed facility
- Generating **cost savings** from high efficiency and availability of 1.4 megawatt (MW) SureSource solution
- Advancing sustainability by avoiding the emission of more than 6,700 tons of CO₂ per year; equivalent to removing more than 1,200 cars from the road
- Located next to the facility, occupying **only** 2,250 square feet

University of California Irvine - Medical Center

- Configured for **combined cooling, heating, and power (CCHP)**, the same unit of fuel generates **on-site** electricity and steam for facility heating and absorption chilling
- Generates 1.4 megawatts of **continuous** and **Ultra-clean** power, meeting approximately **30%** of this 412 bed facility
- Steam supplied to an absorption chiller producing **200 tons** of cooling for an office building and associated institutional requirements
- Supports **sustainability** by avoiding more than 28 tons of NO_x, 64 tons of SO_x, 3,000 pounds of particulate matter and 7,000 tons of CO₂



Financing & Service

Both Hartford Hospital and UCI Medical Center enjoy the advantages of:

- **Power Purchase Agreements** – Avoiding the capital investment of on-site power generation by paying for power as it is produced.
- **Long-term Service Agreements** – FuelCell Energy performs all operation, maintenance and service of the SureSource power solutions on behalf of customer.

ABOUT FUELCELL ENERGY

FuelCell Energy (NASDAQ: FCEL) delivers efficient, affordable and clean solutions for the supply, recovery and storage of energy. We design, manufacture, undertake project development, install, operate and maintain megawatt-scale fuel cell systems, serving utilities, industrial and large municipal power users with solutions that include both utility-scale and on-site power generation, carbon capture, local hydrogen production for transportation and industry, and long duration energy storage. With SureSource installations on three continents and millions of megawatt hours of ultra-clean power produced, FuelCell Energy is a global leader with environmentally responsible power solutions.

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