

Clean & Reliable Fuel Cells for Universities

Fuel cells enhancing power reliability and sustainability while generating cost savings



Improves Campus's Power Resiliency with Reliable Power

- **Predictable** power generated on-site
 - *Not dependent on weather or time of day*
- Ensuring **energy security** with grid-independent capabilities
- **Unobtrusive** – quiet, vibration-free and relatively compact footprint



Reduces Operating Costs

- **Affordable** power priced below the grid
- **Avoid capital investment** by only paying for power as it is produced
- 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
- Supports **sustainability** initiatives
- **Low carbon** footprint



SureSource Solutions

Delivering Customer Satisfaction



University of Bridgeport

- Generates 1.4 megawatts (MW) of **ultra-clean power**, meeting 80% of campus power needs, and produces **on-site heat** for heating various University buildings
 - Reduces usage of combustion-based boilers for heat, resulting in **cost savings** AND a **reduction in pollutants/CO₂ emissions***

Central Connecticut State University

- Generates 1.4 megawatts (MW) of on-site, **continuous power**; meeting 35% of campus power needs
- Combined heat and power (CHP) configuration yields **cost savings** of an estimated **\$100,000 per year**
- Supports the CCSU **micro-grid**, which provides continuous power availability to critical campus buildings during grid outages



University of California San Diego

- Fuel cell plant utilizes **directed biogas** to generate 2.8 megawatts (MW) of **renewable power** on-site; acts as cornerstone of the UCSD microgrid which produces 92% of annual electricity load
 - Generates a **large amount of power** from **VERY little space** (entire site is roughly the size of a tennis court)*
- UCSD **saves over \$800,000/month** from its microgrid, versus buying from the local grid

Financing & Service

These three universities all 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.

For more information, please visit: www.fuelcellenergy.com

Sales Inquiries: info@fce.com

