

Fuel Cells for Government

Delivering environmentally-friendly, low carbon power generation for government entities globally



Improves 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



Economical Energy Solution

- **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

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



SureSource Solutions

Delivering Customer Satisfaction



Santa Rita Jail - Alameda County, California

- Fuel cell plant **meets ~ 60%** of Santa Rita Jail's total **power needs** and operates in tandem with the facility's existing solar array
- Combined heat and power (**CHP**) configuration generates heat used for hot water and achieves **thermal efficiency** of approximately **68%**
- **Creates cost savings** for Alameda County - paying for power as it is produced at a cost lower than electric grid prices
- **Enhances power reliability** of Santa Rita Jail's critical infrastructure with predictable on-site power generation

BAM Deutschland AG Berlin, Germany

- Fuel cell plant located **inside** Berlin's Federal Ministry of Education and Research (BMBF) office complex
 - Showcasing **easy-to-site** attributes of fuel cells
- Configured for **CHP**, the fuel cell plant generates **~40% percent** of the facility's **electrical needs** and **20% of thermal needs**
- Acts as the **cornerstone** of the **sustainable energy management system** that includes solar arrays and a natural gas engine for meeting peak energy demand
 - Office complex achieved highest possible 'Gold Certificate' under Sustainable Building for Federal Buildings (BNB) rating system



Financing & Service

- **Power Purchase Agreements** – Avoiding the capital investment of on-site power generation by only 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

