

# Fuel Cells for Utility Grid Support

*Continuous supply of ultra-clean and efficient power for the electric grid*



## Enhances Grid Resiliency

- **Predictable** power that lessens/avoids reliance on transmission
  - *Continuous power generation that is not reliant on weather or time of day*
- Sites power generation right **where the power is needed**, such as next to existing electrical substations
- **Easy to site** in urban or highly populated areas due to clean emissions profile, quiet operation and **minimal land needs**



## Economical Energy Solution

- **Highly efficient** power generation process drives economics
- **Scalable** as fuel cell plants can be added incrementally in a cost effective manner to generate additional power
- **Minimizes or avoids transmission** and associated distribution costs



## Advances Sustainability

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

For more information, please visit: [www.fuelcellenergy.com](http://www.fuelcellenergy.com)  
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# SureSource Solutions

*Delivering Customer Satisfaction*



## Dominion Fuel Cell Park – Bridgeport, CT

- Generates **15 megawatts** (MW) on a 1.5 acre parcel in urban area – *one tenth the space needed for solar!*
- **Enhances resiliency** of the electric grid with local power supplied underground to three substations
- Converts **unused brownfield site** into **property tax payer** for the City of Bridgeport
- Achieved **availability upwards of 95%** in first year of operation – one of the highest in Dominion’s entire fleet

## United Illuminating (UI) – New Haven, CT

- Generates **2.8 megawatts** (MW) on utility-owned land next to UI substation
- **Avoids** need and cost of **transmission**, enhancing resiliency of energy supply
- Municipality benefits with clean and quiet power generated locally, and receives **property tax revenue** from formerly vacant land while State receives sales taxes



## 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](http://www.fuelcellenergy.com)

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