Bloomenergy[®]

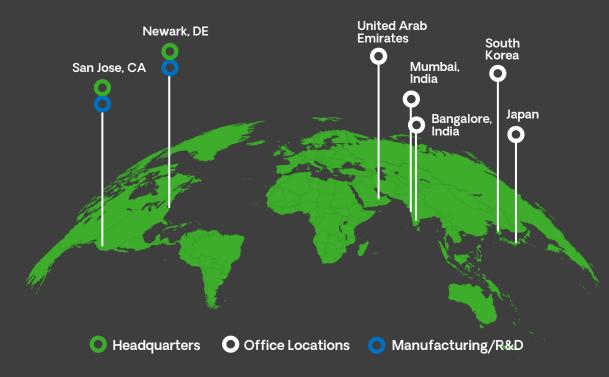
Bloom Energy Overview & Hartford Microgrid Case Study

Presented by:

Michael Recher, PE Senior Principal Engineer Advanced Sales Engineering

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Bloom Energy at a Glance





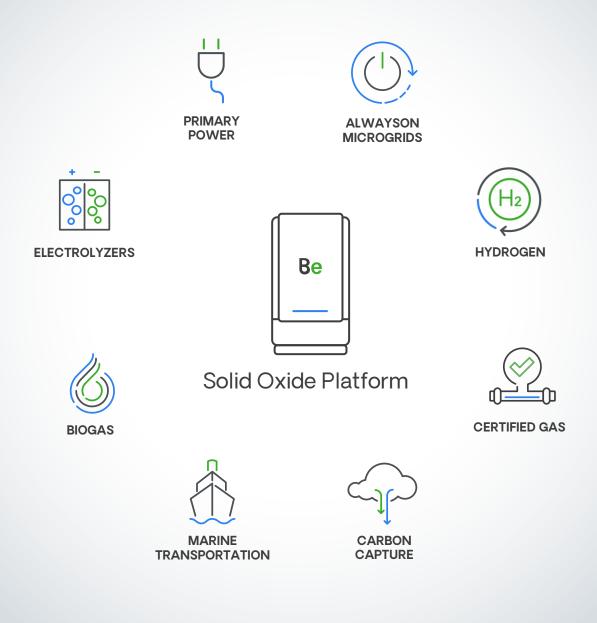
Our corporate, manufacturing, and R&D offices serve as a strategic global anchors to help organizations around the world reduce carbon emissions, enhance resiliency, and chart a path toward a net-zero future.





One Platform. Multiple Solutions.

Our future-proof energy platform unlocks multiple pathways to net-zero.



Diverse Customer Ecosystem

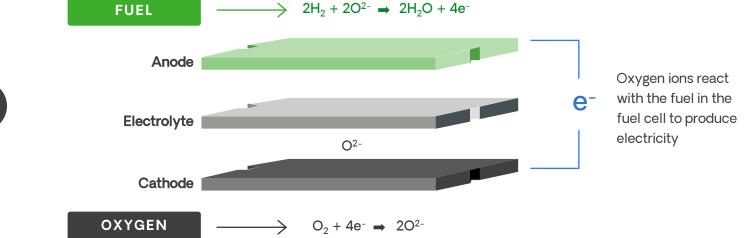


Fuel Cell Basics

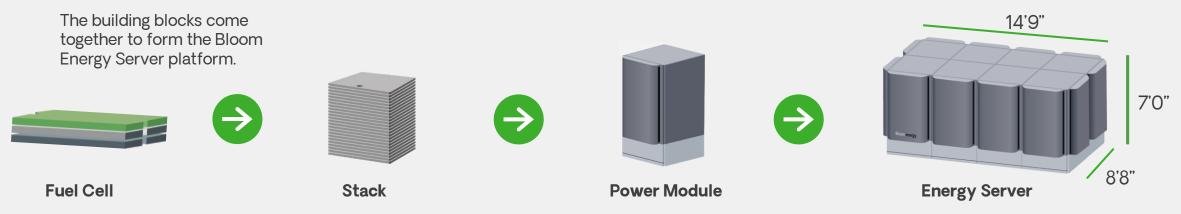
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1. How it Works

Solid oxide fuel cells convert fuel into electricity without combustion.



2. Cell to Server



Flexible and Scalable Design

From KW To MW Scale Solutions



Healthcare Data Center 4.75 MW Installation

University Campus 2.2 MW Installation

Constrained Space Power Tower 8.35 MW Installation

Bloom Solutions

Microgrid Technical Offering

	Primary Power	Bloom Microgrid	Bloom Microgrid – Advanced
Value Proposition	Baseload Power Low cost, clean, onsite	Resilient Power Power through grid outages	Uninterrupted Power Premium power quality
Key Capabilities / Use Case	Lower CO ₂ emissions and near zero criteria emissions, up to 20% savings on electricity	Low cost, clean power to support business critical loads through extended grid outages	Complete protection for sensitive loads from grid outages and disturbances
Profile Schematic	BLOOM GRID POWER OUTAGE	GRID OUTAGE BLOOM POWER	GRID OUTAGE BLOOM POWER
Architecture		Be CRITICAL LOAD	INDEPENDENT INVERTER Be Be BLOOM TRIPS CRITICAL LOAD

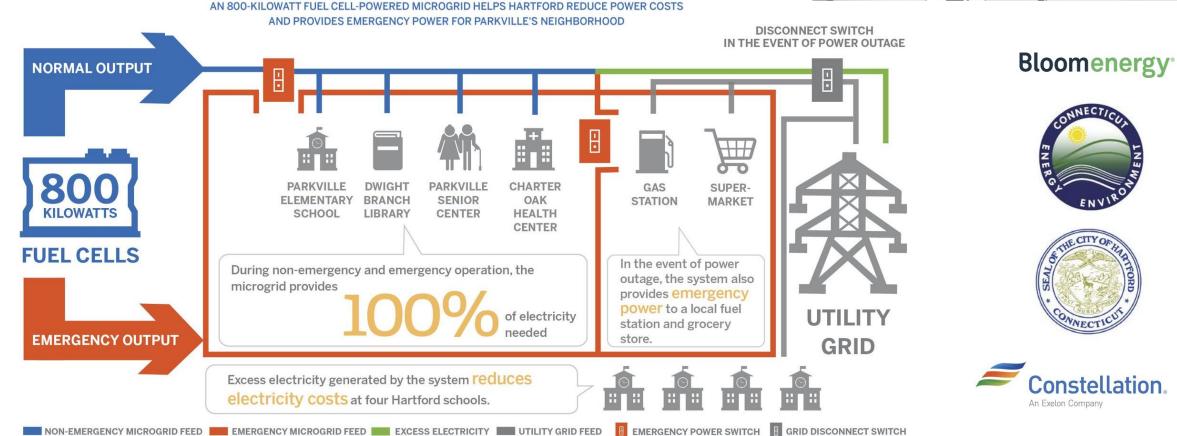
City of Hartford Case Study A Fuel Cell Community Microgrid



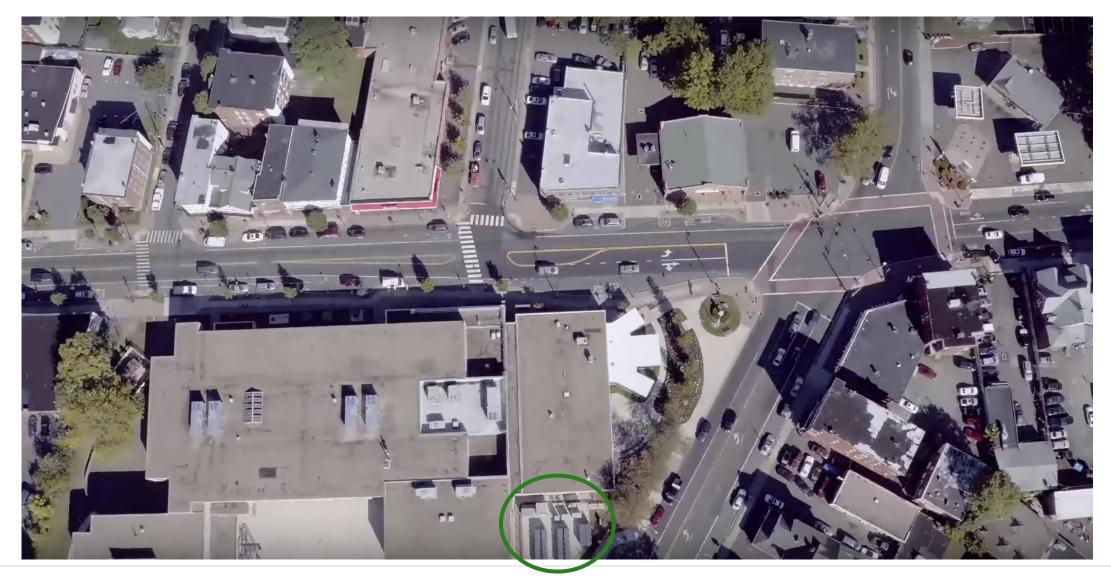


Overview

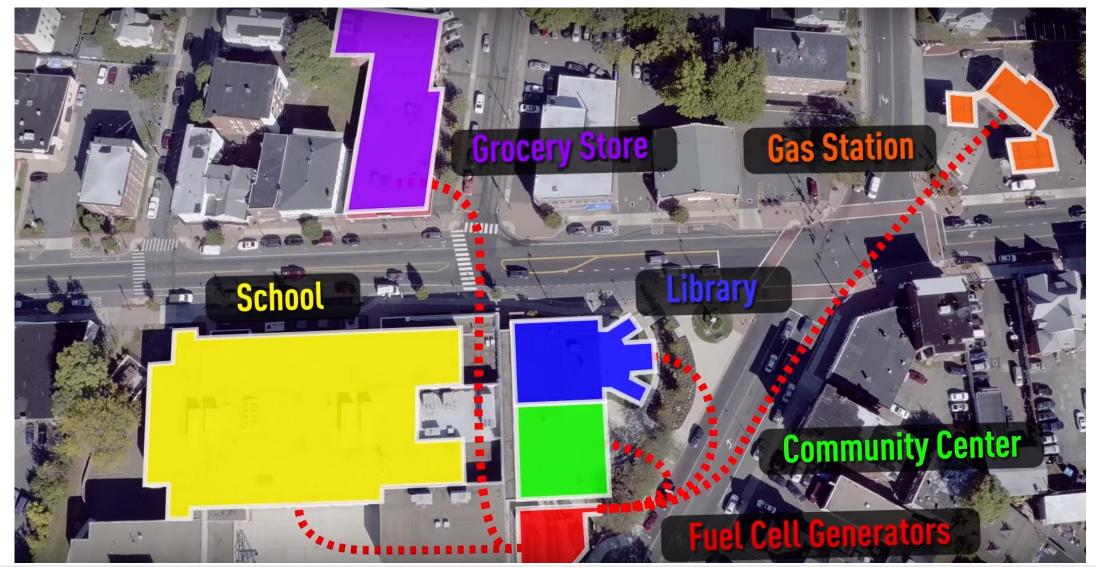




Location



Location



Benefits

- 800 kW
- 15 Year PPA
- Small Footprint
- 40% CO₂ reduction compared to Utility
- **Zero** SO_X and NO_X emissions
- Baseload power 24x7x365 in non
 - emergency mode
- Power during grid outage for core services
- Underground electrical conduits

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What Powers You

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