



#### World Leader in Solid Oxide Technology

<b>\$794m</b> 2020 Revenue	30% CAGR Over last decade	~\$4bn Product + Service Backlog	>\$650mm Cumulative R&D	400 Issued Patents
~600MW	99.999%	>50%	>99%	Near Zero
Installed Base	Energy Server Uptime	Reduction in CO <sub>2</sub> vs. US Grid	Reduction in Air Pollutants	Water Usage

#### **TECHNOLOGY PLATFORM OVERVIEW** SOFC ENERGY SERVERS PROVIDE A CLEAR PATH TO HYDROGEN POWER





100% Natural Gas or Biogas

> Today's solution enables tomorrow's transition



Natural Gas + **Hydrogen Blend** 

Hydrogen can be utilized in part to meet clean energy goals

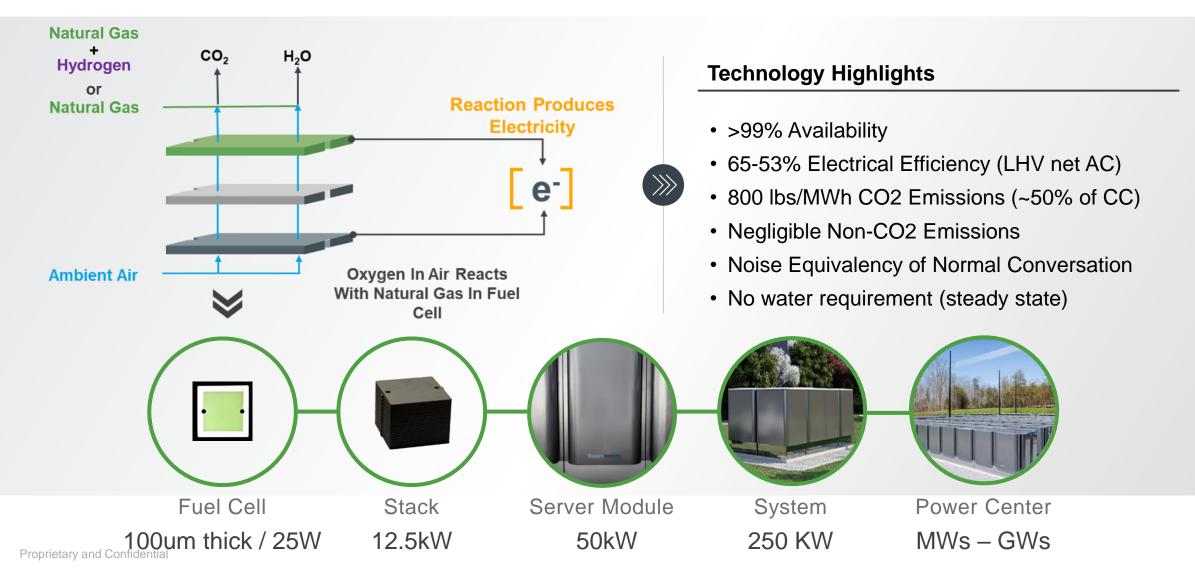


100% Hydrogen

Bloom's technology provides for a risk-free transition when needed

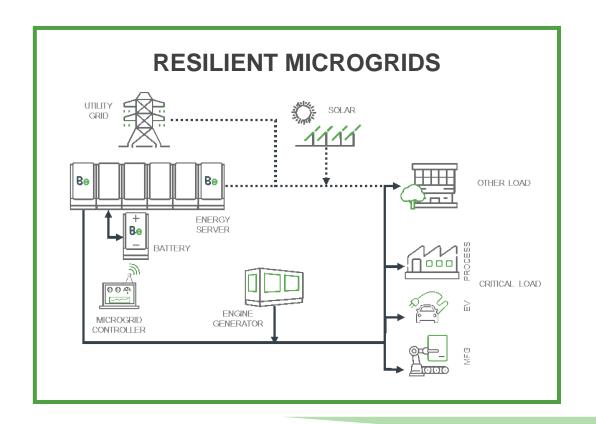


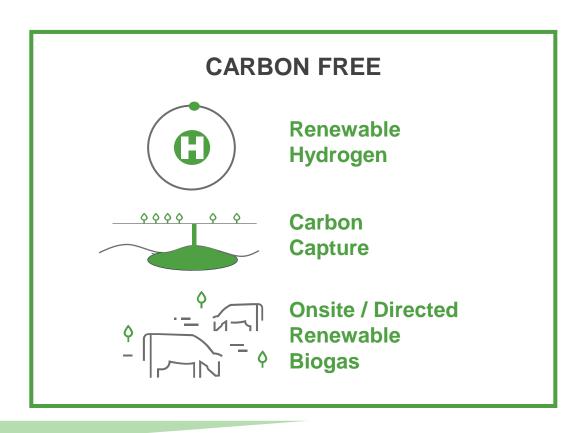




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#### **BLOOM'S CARBON FREE TOTAL SOLUTION**

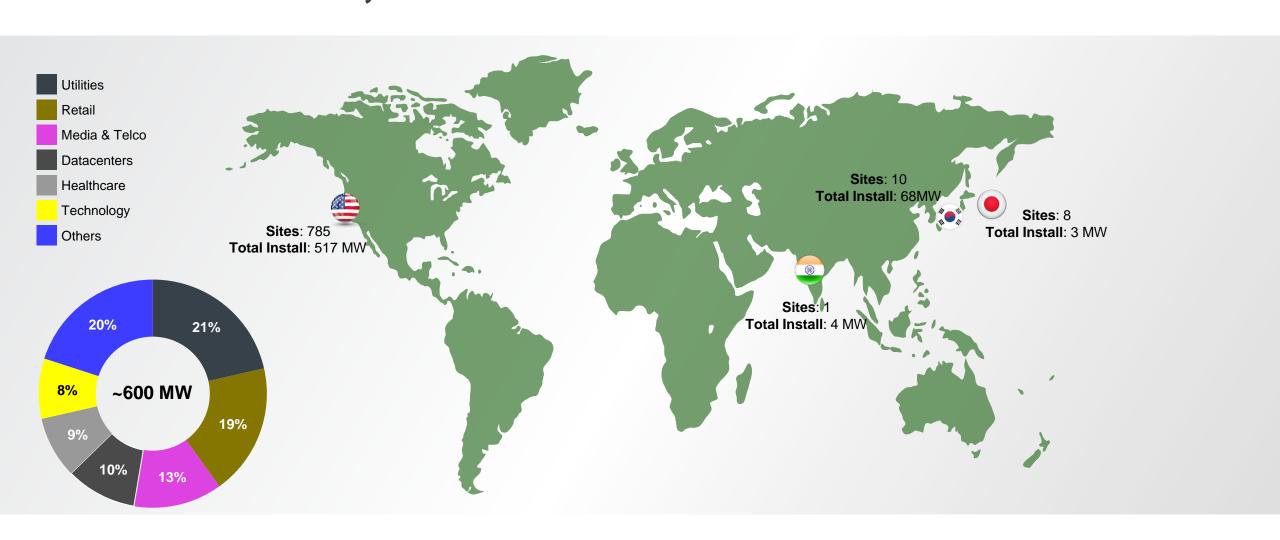






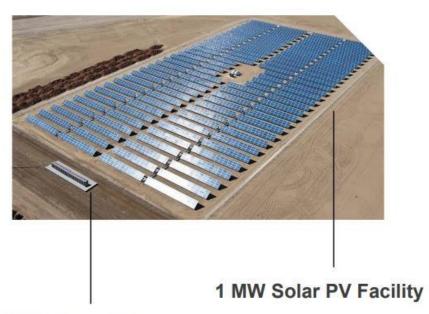
# BLOOM AT A GLANCE PROVEN AT SCALE, ACROSS THE GLOBE





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#### **UNPARALLED POWER DENSITY**



1 MW Bloom Energy



Solar requires
~12,500% more
space than Bloom

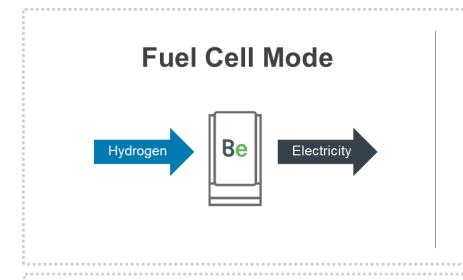


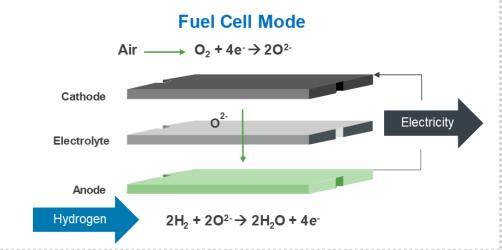
When stacked in a
"Power Tower"
configuration, Bloom
achieves unparalleled
power density



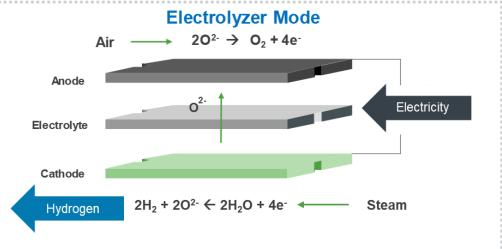


#### **REVERSIBLE FUEL CELL**





# Electrolyzer Mode Hydrogen Be Electricity

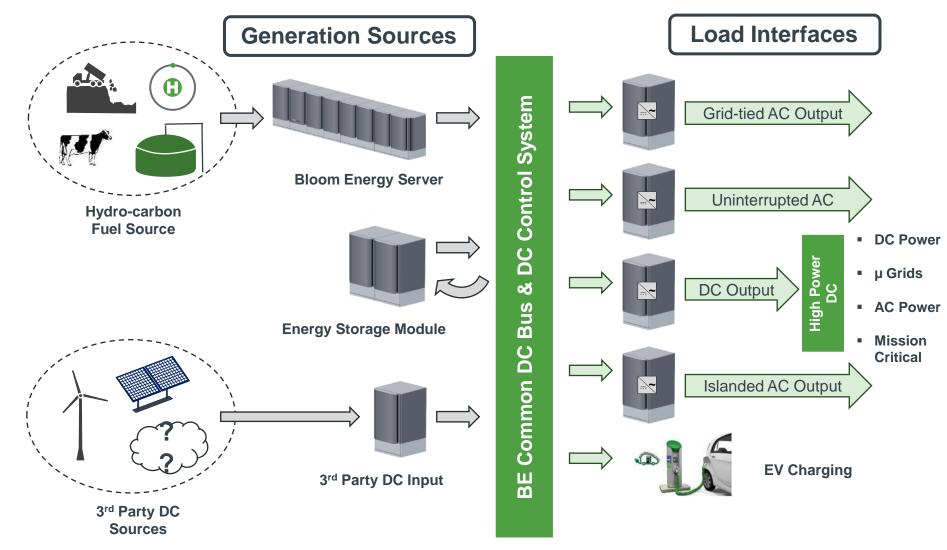


#### **DECARBONIZING THE FUTURE**

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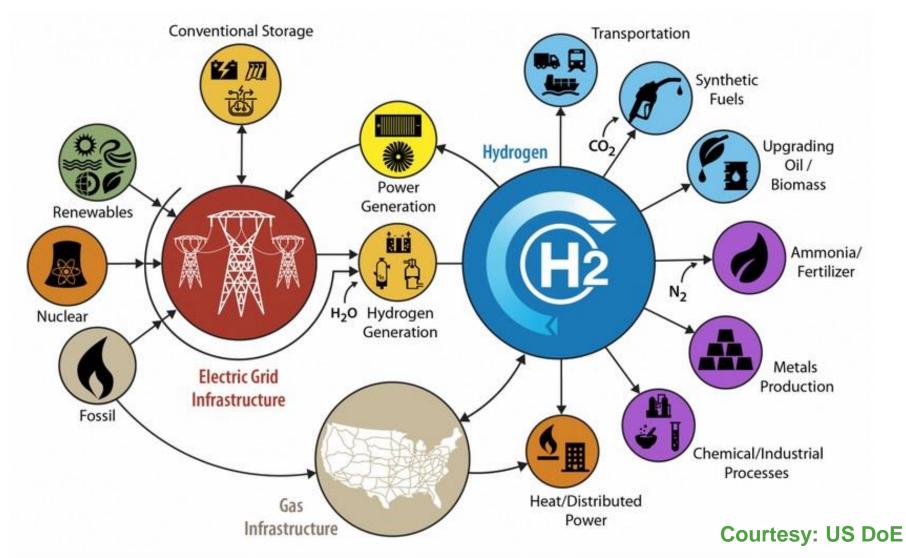
#### **ENERGY INTEGRATION**



#### **DECARBONIZING THE FUTURE**

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#### **H2 INTEGRATION**



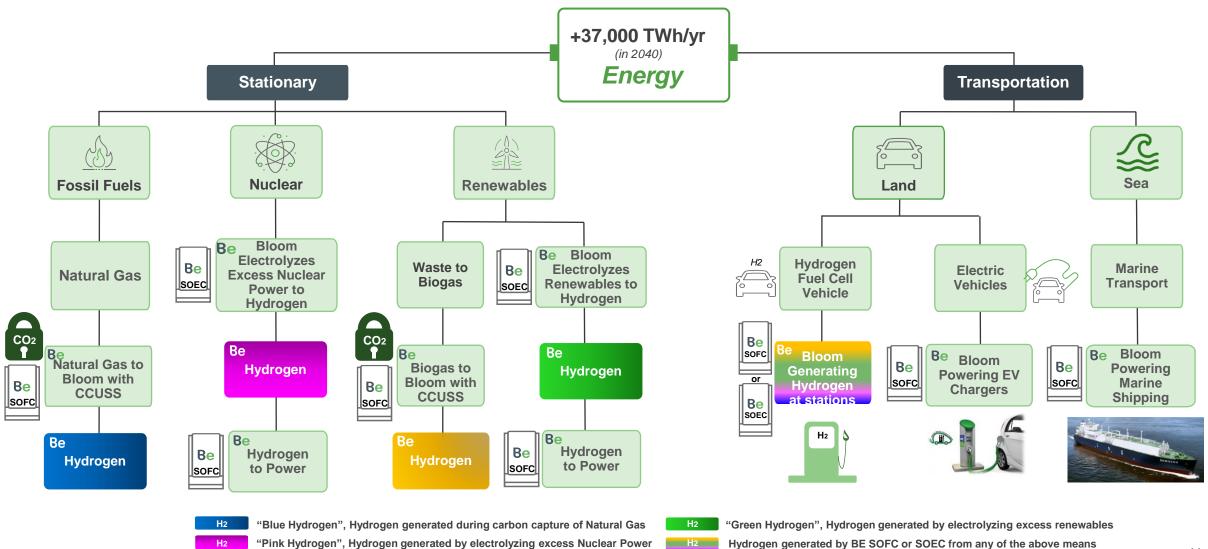
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#### **DECARBONIZING THE FUTURE**

"Gold Hydrogen", Hydrogen generated during carbon capture of Biogas Gas

# Be

#### **H2 & THE ENERGY TRANSFORMATION**



### **ELECTOLYZER & FUEL CELL APPLICATIONS**

#### **ZERO CARBON ECONOMY USING BLOOM**

