Bloomenergy

9/30/19

Frederick C. Braun III, Chairman Town of Brookhaven IDA 1 Independence Hill Farmingville, NY 11738

Dear Chairman Braun.

Orbit Bloom Energy, LLC, a Delaware limited liability company (the "Company") is a wholly owned enterprise of Bloom Energy Corporation ("Bloom"). Bloom is a national leader in creating clean, reliable, and affordable energy for everyone in the world. To fulfill this mission, we have developed a distributed, on-site electric power solution that is redefining the electric power market and transforming how power is generated and delivered. Simply put, the company is creating cleaner and more reliable energy through on-site fuel cells. These fuel cells take up a fraction of the size of the land needed to generate similar energy.

The company has entered into three Power Purchase Agreements (each, a PPA) with PSEG. After careful, yet extensive consideration we have decided on a 1.5 acre vacant lot located on Horseblock Road in Medford for our Fuel Cell location. Currently this lot is not providing any meaningful property tax revenue for the Town of Brookhaven. The total developed fuel cell site will be 5,000 square feet generating 6MW of power. This site will be equipped with the latest Fuel Cell technology that will undoubtedly make the Town a showcase location demonstrating their forward thinking of hosting such cutting edge alternative energy production.

Economically the project's cost is estimated at \$32,000,000. This consists of manufacturing the fuel cell along with the supply and labor costs of installation. We anticipate 15 construction jobs during the installation phase of the project. The on-site labor working on the project will be local. The costs will be financed by a sale of the Company to an investor, who will then engage Bloom to do the installation pursuant to an engineering, procurement and construction contract, and provide the operations and maintenance services pursuant to an operations and maintenance contract. We are hoping to close the sale of the membership interests and execution of the contracts in this quarter. Given this abbreviated timeframe we are respectfully requesting a timely closing process with the IDA should we be granted approval.

We will not be seeking the mortgage recording tax exemption. Our request is for a 20-year property tax PILOT and an exemption from sales tax for the project's installation.

Thank you for your consideration. We look forward to calling the Town of Brookhaven home for our project.

Sincerely.

Mark Mesler, Vice President

Bloom Energy Overview for the Town of Brookhaven

Bloomenorsy

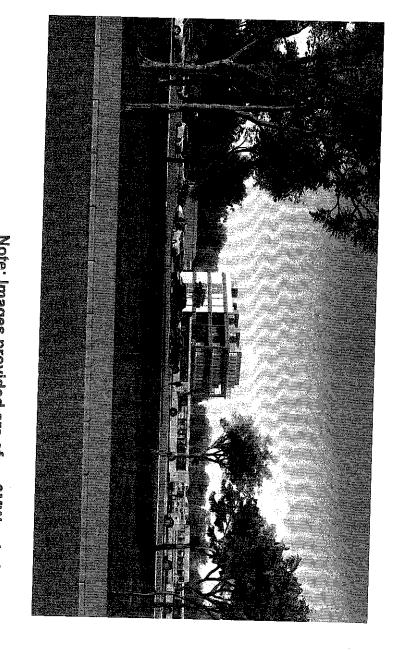
Bloom Energy Overview

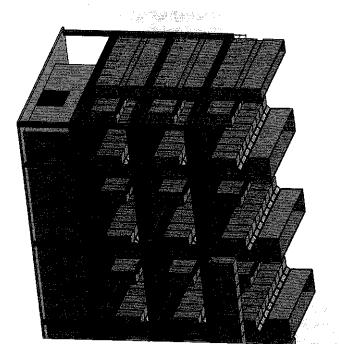
Prepared for Town of Brookhaven

October 2019



SAMPLE RENDERING OF NEDFORD SIT

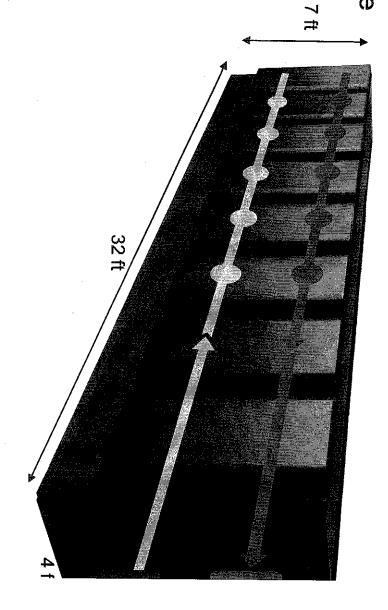




Note: Images provided are of an 8MW solution, the Medford site will be 6MW (~25% smaller)

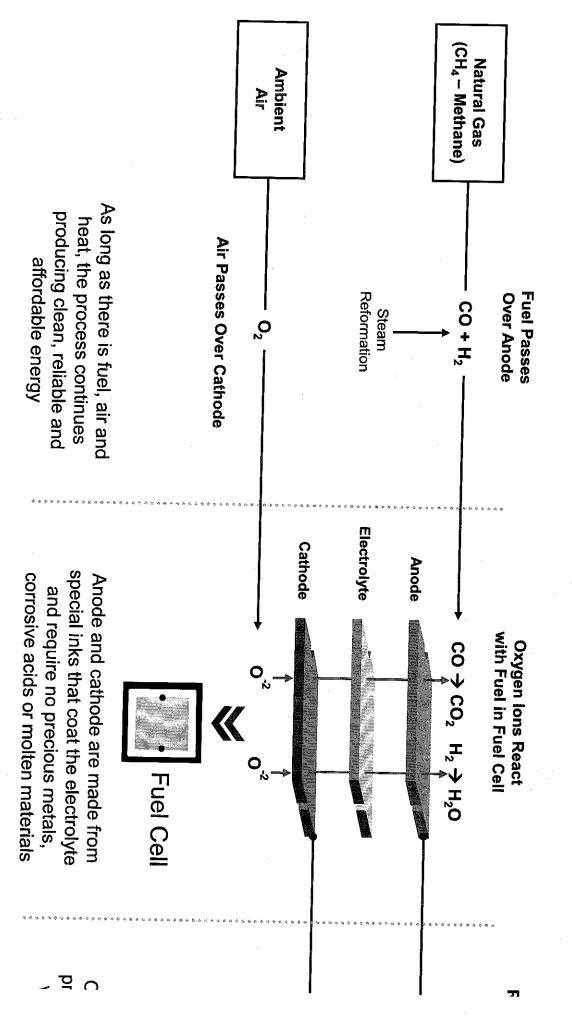
HIM BLOOK MUMRGY SMRVMR

- Modular Fault-Tolerant Architecture
- Converts Low Pressure Natural Gas/Biogas to Electricity without Combustion
- Mission Critical Reliability
- No Downtime for Maintenance
- World leading efficiency: <6,000 btu/kWh starting heat rate
- Clean: Low/no CO₂, Virtually no NOx, SOx, or Particulate Emissions

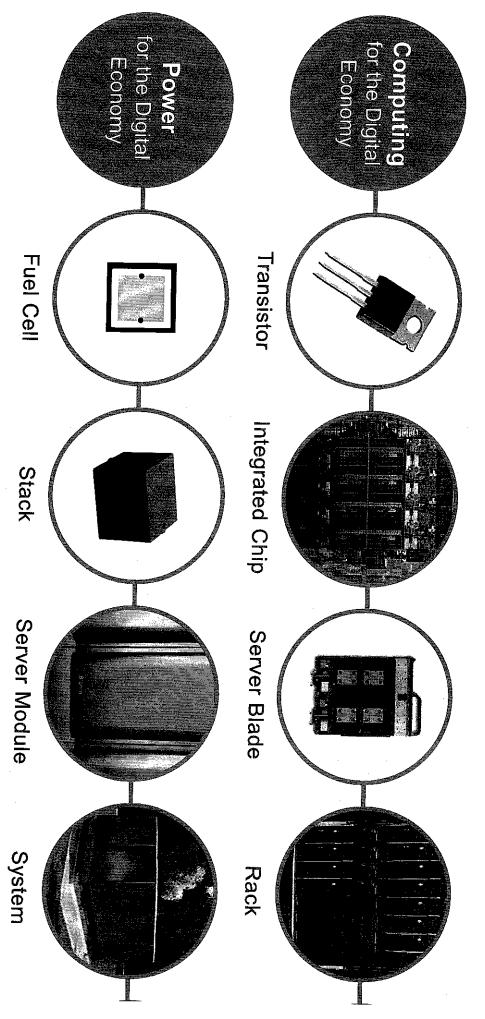


ALWAYS-ON

SOLD OXIDE TUEL CELL. HOW IT NO



COMPUTING AND DIGITAL PONER



DESIGNED SITUSCOTALABELY N

NO COMBUSTION

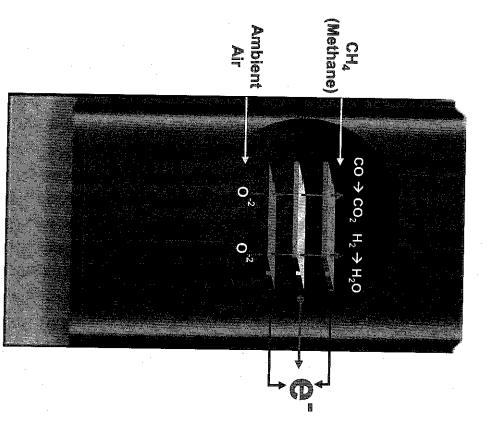


Highly Efficient

Electrochemical process reduces CO₂ emissions; eliminates criteria pollutants such as NOx, SO2, and PM



Biogas ready Natural gas or biogas as fuel input





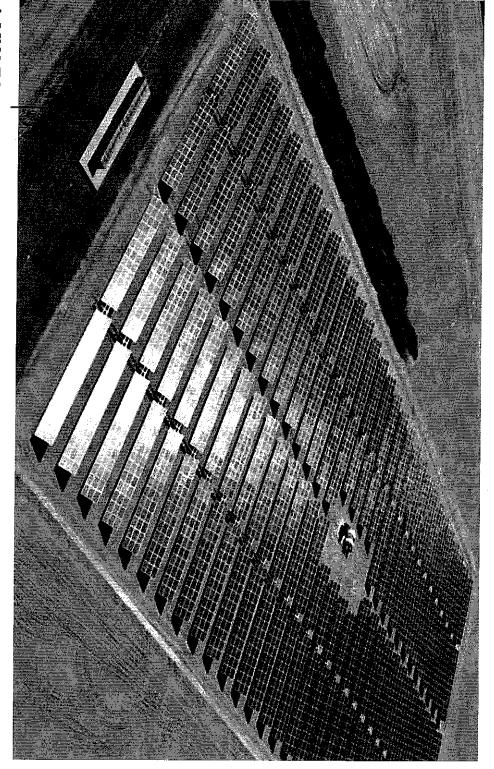
Water is reused electrochemic process; no was usage during ope



Power Densi
High power
output in a sm
footprint

PONER DENSITY

- Solar requires land than Bloom¹ 12,500% more
- Advantage in space constrained areas
- If the Bloom dense than 1 MW of solar² are stacked can be ~50,000% Bloom Systems **Energy Servers** more power



1 MW Bloom Energy

1 MW Sc

¹ MW Bloom Energy = 50 m2 and 1 MW Solar PV = 6,250 m2; Energy Servers can be stacked up to four stories high If Bloom's Energy Servers were stacked vertically with four 250 kW systems on top of one another, the power density in a given footprint would quadruple

BLUE CHIP C&I CUSTONERS ACROSS VE

CLOUD SERVICES AND TECHNOLOGY



















CONSUMER AND RETAIL

























Microsoft

KEYSIGHT TECHNOLOGIES

Connecting People

NA Adobe





TARGET (C)







MEDIA AND TELECOM



SoftBank verizon



NBCUniversal



CONTRACTOR OF THE CONTRACTOR O

ATT Communications

FINANCIAL SERVICES

J.P.Morgan

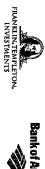
Morgan Stanley

PARTNERS

₹## ₹##

HEALT

CREDIT SUISSE







Prime Healthcare

(3). BioMed Realty
Discover here

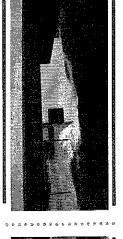
Mec

Over 600 Sites Deployed, Including 25 of the Fortune 100 and 42 of the Fortune

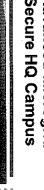
S. British BRISTON

SOU RANGE OF APPLICATIONS

Mission Critical **Data Center**



Advanced Microgrid Secure HQ Campus









Enhanced Reliability R&D Campus





Standalone Microgrid **Emergency Services**





Retailer Operation

Standalone Micro













Connecting People

Office Rooftop

Utility-Scale Substation











CASE SIUDES: USRUPIVE EVEL





Tarthquakes

SHAKING INTENSITY

Strong





Grid outages

Physical damage







Bloom protects against grid outages for mission critical oads



operations through disruptions architecture continues Independent system



Magnitude: 6.0 Earthquake 1WW Bloom Unaffected

in New Castle was unaffected by "Bloom Energy electrical project

Hurricane Sandy,"

at Brookside, DE Bloom Installation

–Delmarva, Regional President



Bloomenersy

####