



February 1, 2021

Melanie Bachman, Esq.
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: Petition of Bloom Energy Corporation for a Declaratory Ruling for the Location and Construction of a 1,750-Kilowatt Fuel Cell Customer-Side Distributed Resource at Yale New Haven/Lawrence + Memorial Hospital, New London, Connecticut

Dear Attorney Bachman:

We are submitting an original and fifteen (15) copies of the above-captioned Petition, together with the filing fee of \$625.

In the Petition, Bloom Energy Corporation (“Bloom”) requests the Connecticut Siting Council approve the construction and operation of a 1,750-kilowatt fuel cell and associated equipment at the Yale New Haven/Lawrence + Memorial Hospital (“Hospital”) in New London, Connecticut (the “Facility”). The Facility will be installed on Hospital properties at 412 Ocean Avenue and 365 Montauk Avenue (the “Site”). Electricity generated by the Facility will benefit the Hospital, and any excess electricity will be exported to the electric grid. The Facility will be fueled by natural gas.

Should you have any questions, concerns, or require additional information, please contact me at (860) 839-8373.

Sincerely,
Bloom Energy

Justin Adams
justin.adams@bloomenergy.com
(860) 839-8373

**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

PETITION OF BLOOM ENERGY CORPORATION : PETITION NO. ____
FOR A DECLARATORY RULING FOR THE :
LOCATION AND CONSTRUCTION OF A 1,750- :
KILOWATT FUEL CELL CUSTOMER-SIDE :
DISTRIBUTED RESOURCE AT YALE NEW :
HAVEN / LAWRENCE + MEMORIAL :
HOSPITAL, NEW LONDON, CT : FEBRUARY 1, 2021

PETITION OF BLOOM ENERGY CORPORATION
FOR A DECLARATORY RULING

I. INTRODUCTION

Pursuant to Conn. Gen. Stat. §§ 4-176 and 16-50k(a) and Conn. Agencies Regs. § 16-50j-38 et seq., Bloom Energy Corporation (“Bloom”) requests that the Connecticut Siting Council (“Council”) approve by declaratory ruling the location and construction of a customer-side distributed resources project at Yale New Haven/Lawrence + Memorial Hospital (the “Hospital”) in New London, Connecticut (the “Site”). Bloom will install a fuel cell consisting of seven (7) ES-5 Bloom Energy Server solid oxide fuel cells and associated equipment (the “Facility”) that will provide a total of 1,750 kilowatts (“kW”) (net) of power to the Site. *See* Exhibits 1 and 3. The Facility will be installed, maintained and operated by Bloom under a 15-year power purchase agreement owned by a third-party financing source. The fuel cell has been selected as part of the LREC program.

Conn. Gen. Stat. § 16-50k(a) provides that:

Notwithstanding the provisions of this chapter or title 16a, the council shall, in the exercise of its jurisdiction over the siting of generating facilities, approve by declaratory ruling ... (B) the construction or location of any fuel cell, unless the

council finds a substantial adverse environmental effect, or of any customer-side distributed resources project or facility ... with a capacity of not more than sixty-five megawatts, as long as such project meets air and water quality standards of the Department of Energy and Environmental Projection....

The proposed fuel cell will be a customer-side distributed resources facility under 65 MW that complies with the air and water quality standards of the State of Connecticut Department of Energy and Environmental Projection (“DEEP”). Bloom submits that no Certificate is required for the proposed Facility, as the installation would not have a substantial adverse environmental effect in the immediate vicinity of the Site or in the State of Connecticut.

II. COMMUNICATIONS

Correspondence and other communication regarding this petition should be directed to the following parties:

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III. DISCUSSION

A. The Facility

The Facility will be a 1,750-kW customer-side distributed resource consisting of seven (7) Bloom solid oxide fuel cell Energy Servers, model ES5-AA2AAL, and associated equipment. As shown on Exhibit 2, the fuel cell and associated equipment (utility cabinets, water deionizers, telemetry cabinets, and disconnect switches) will be installed in the western part of the Hospital property on the parcel identified as 412 Ocean Avenue. The energy server installation will be

within a cleared, grassy area on the south side of a Hospital out-building between a parking lot and Ocean Avenue. It will be fueled by natural gas supplied by Eversource. Exhibits 1 and 2 depict the Facility location; Exhibit 3 contains plans; Exhibit 4 contains photographs and equipment specifications.

The Site will interconnect to the Site's distribution system at the northwest corner of the parcel identified as 365 Montauk Avenue¹ and operate as a 1,750 kW microgrid capable of providing up to 1,475 kW of grid-independent load support to the Hospital. It has been designed to provide 86% of the average base load demand with critical loads covered during grid interruption. Critical loads include functions identified by the hospital that cannot afford downtime during grid interruptions. Any electricity generated in excess of the Site's requirement will be exported to the grid in accordance with the Eversource interconnection technical requirements.

The operational life of the Facility is for the life of the 15-year contract with the Hospital. At the conclusion of the 15-year contract, the Hospital may renew the contract, return the Facility at no cost, or buy the Facility at a fair market value.

The interconnection application for the Facility is scheduled to be submitted to Eversource in February 2021. Bloom anticipates initial feedback, including an impact analysis and cost determination, in April 2021. Final approvals are anticipated in June 2021.

B. Public Health and Safety

The Facility will be installed in compliance with applicable building, plumbing, electrical, and fire codes. The Facility is enclosed, factory-assembled and tested prior to

¹ The Hospital is undergoing a major expansion and renovation. As part of those activities, new utility infrastructure will be installed at that location.

installation on the Site. Solid oxide media in the fuel cells are exchanged at roughly five-year intervals. Extensive hardware, software and operator safety control systems are utilized, and will be controlled from a Bloom Energy Remote Monitoring Control Center (“RMCC”). Internal sensors continuously monitor system operation and provide for system components to shut down if safety circuits detect a condition outside normal operating parameters; the RMCC operator can initiate an emergency shutdown if warranted. City of New London Fire Department personnel and Hospital operations/emergency personnel will be provided with an Emergency Response Plan. Exhibit 6.

The Facility will be installed in accordance with NFPA 853². The Facility does not burn natural gas; it is used in a chemical reaction to generate electricity, and is digested almost immediately upon entering the unit and is no longer combustible. Before commissioning, the fuel lines (pipes) are cleaned in accordance with Conn. Gen. Stat. Section 16-50ii³.

C. Existing Environment

i. The Site

The fuel cell will be installed at the Hospital’s primary location, which consists of two parcels totaling 13.25 acres in an Institutional zoning district. The Facility is designed to take advantage of utility infrastructure while minimizing impact on operational requirements and traffic and pedestrian flow within the Site. In addition, the design accommodates and coordinates with the Hospital’s current configuration and the development currently under way. Located in the southwestern corner of the Hospital property, no other current or planned use would be made of the location.

² Standard for the Installation of Stationary Fuel Cell Power Systems, 2015 Edition

³ Public Act 11-101, An Act Adopting Certain Safety Recommendations of the Thomas Commission

The Site is located in the south-central area of the City, bounded by Montauk Avenue to the east, Ocean Avenue to the west, Faire Harbour Place to the north and a rail right-of-way to the south. The surrounding area includes a mix of commercial and residential properties, including several owned by or associated with the Hospital and medical uses; the Harbor Elementary School is to the southeast.

ii. Wildlife and Habitat

Based on a review of the publicly available Connecticut Department of Energy and Environmental Protection (DEEP) Natural Diversity Database (NDDDB) December 2020 data, the proposed Facility is not within an NDDDB area, an identified location of endangered, threatened and special concern species or significant natural community. Exhibit 5. Therefore, a DEEP NDDDB request for review is not required.

iii. Wetlands and Watercourses

There are no identified wetland or watercourse resources within or proximate to the proposed Site, which consists of a developed and maintained lawn area associated with the adjacent building. Therefore, the Facility will not have any adverse effect on wetlands or watercourses. As described herein, appropriate erosion and sedimentation control measures will be employed during construction.

iv. Flood Zones and Aquifer Protection Area

A review of the flood hazard mapping data from Federal Emergency Management Agency's ("FEMA") National Flood Insurance Program ("NFIP") shows the Facility would not be located in either a 100-year or 500-year flood zone. *See* Exhibit 5.

The Site was also reviewed for proximity to Aquifer Protection Areas. According to GIS data provided by DEEP, the nearest Aquifer Protection Area is approximately 4.7 miles to the west of the Site.

i. Cultural Resources

The Site is proposed in a previously developed and disturbed area. The construction and operation of the Facility will therefore not have a substantial adverse effect on cultural (archaeological and historical) resources.

D. Environmental Effects and Mitigation

i. Natural Gas Desulfurization Process

Sulfur compounds that are added to natural gas as an odorant are removed in the first step of electricity production in a Bloom Energy Server. Sulfur is separated from the natural gas by filtering in a specialized canister within the Energy Server (the “Desulf Unit”) that uses a copper catalyst to remove the sulfur. The Desulf Units are periodically removed and replaced. The spent units are transported to ShoreMet, L.L.C. (ShoreMet) in Indiana, where they are opened, the contents are removed and copper is used as an ingredient in various products. The Desulf Units are then cleaned, refilled, and sent back to the field for reuse. Handling and transportation are performed in accordance with hazardous waste restrictions.

ii. Water, Heat and Air Emissions

The construction and operation of the Facility will comply with DEEP’s air and water quality standards and will not have a substantial adverse environmental effect.

The Facility is designed to operate without water discharge under normal operating conditions. There are no connections or discharge points to the proposed Facility. The Facility uses no water after start-up, which requires a 672-gallon injection.

Heat generated by the proposed Facility is used internally to increase the electrical efficiency of the fuel cell system. As a result, there is no useful waste heat generated by the fuel cell. The minimal amount of thermal load present at the Site would preclude the efficient deployment of a combined heat and power application.

Conn. Agencies Regs. § 22a-174-42 exempts fuel cells from air permitting requirements. Accordingly, no permits, registrations, or applications are required based on the actual emissions from the Facility.⁴ It should be noted, however, that Bloom Energy fuel cells do meet the emissions standards of Section 22a-174-42.

The Facility will also meet state criteria thresholds for all greenhouse gases defined in Section 22a-174-1(49). Table 1 lists thresholds set by the Low and Zero Emissions Renewable Energy Credit (LREC/ZREC) program⁵, and compares them to emissions generated from the proposed Facility. By virtue of the non-combustion process the Bloom Energy fuel cells virtually eliminate NO_x, SO_x, CO, VOCs and particulate matter emissions from the energy production process. Similarly, there are no CH₄, SF₆, HFC or PFC emissions.

Table 1: Connecticut Thresholds for Greenhouse Gases

Emission Type	Bloom Output	LREC allowance
Nitrous Oxides (NO _x)	<0.01 lbs/MWh	0.07 lbs/MWh
Carbon Monoxide (CO)	<0.05 lbs/MWh	0.10 lbs/MWh
Sulfur Oxides (SO _x)	Negligible	Not Listed
Volatile Organic Compounds (VOCs)	<0.02 lbs/MWh	0.02 lbs/MWh
Carbon Dioxide (CO ₂) ⁶	679-833 lbs/MWh	Not Listed

⁴ See Conn. Agencies Regs. §§ 22a-174-42(b) and (e).

⁵ Sec. 16-244t

⁶ Carbon dioxide is measured at Bloom’s stated lifetime efficiency level of 53-60%.

The proposed Facility will ultimately displace less efficient fossil fueled marginal generation on the ISO New England system. Based upon US Environmental Protection Agency (EPA) “eGrid” data, the proposed Facility is expected to reduce carbon emissions by more than 25% while essentially eliminating local air pollutants like NO_x, SO_x, and particulate matter.

The City’s Plan of Conservation and Development identifies seeking “opportunities to explore alternative sustainable energy resources” as part of its Strategic Plan. 2017 Plan of Conservation and Development, p. 40.

iii. Sound Levels

The Facility will comply with State of Connecticut regulations for the Control of Noise. The City’s noise ordinance adopts the same zone noise classifications and standards as the State regulations.

Bloom retained Veneklasen Associates to conduct a noise study of the area surrounding the proposed Facility and analyze the effects of the Facility on sensitive noise receptors. *See* Exhibit 7, Veneklasen Associates Fuel Cell Acoustical Analysis (“Report”). As indicated in the Report, operation of the Facility is calculated to result in noise levels within the allowed limits at surrounding defined sensitive receptors.

ix. Visual Effects

The visual effect of the Facility will be minimal. The Hospital properties that comprise the single Hospital complex are highly developed; the addition of the Facility in the southwestern corner is minor relative to the existing development and the ongoing expansion and renovation within the Site. The Facility will be screened by existing trees and the railroad right-of-way to the south. Visibility to the north and east will be from within the Hospital grounds, primarily a parking lot. Visibility to the west along Ocean Avenue will be minimized by the fencing. Bloom

and the Hospital will work together to determine landscaping to be replaced or added to minimize any visual impact in the area immediately surrounding the Facility.

E. Project Construction and Maintenance

Bloom anticipates construction to start in the third quarter of 2022⁷ with approximately four months of total construction time (4 - 6 weeks of site prep, 4 - 6 weeks of installation, and 4 – 6 weeks of commissioning).

Construction of the Facility would conform to best management practices for erosion and sedimentation (“E&S”) controls, including those provided for in the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control. During construction, appropriate erosion and sedimentation (E&S) controls will be installed and areas of disturbance will be promptly stabilized in order to minimize the potential for soil erosion and the flow of sediments off site. Temporary E&S control measures will be maintained and inspected throughout construction to ensure their integrity and effectiveness. The temporary E&S control measures will remain in place until the work is complete and all disturbed areas have been stabilized. No effects to drainage patterns or stormwater discharges are anticipated. Due to the limited disturbance required for the Facility’s installation, no construction-related storm water permits will be required.

Soils that are generated during construction activities would not be stored or stockpiled inside of wetlands or adjacent to a watercourse, and appropriate E&S control measures would be employed and maintained for any temporary soil stockpiles. Any excavated soils compatible for reuse will be used as backfill in proximity to the same excavation area from where it originated.

⁷ This time frame is due to the ongoing major construction at the Hospital, which is to be completed prior to installation of the Facility.

Any excess excavated soils not suitable for reuse would be trucked off-site and managed in accordance with applicable regulations. Rock, concrete and other debris would be removed and trucked off-site.

Areas affected by construction would be re-graded as practical and stabilized using revegetation or other measures before removing temporary E&S controls. Construction-related impacts will therefore be minimal.

If there is a default in the contract or the Facility is to be removed at the end of the contract, the Energy Servers, associated equipment and components will be dismantled and removed and the site will be restored as nearly as practicable to its effective original condition.

IV. NOTICE AND CONSULTATION

Bloom has provided notice of this petition via certificate of mailing to abutting property owners and appropriate municipal officials and governmental agencies to whom notice is required to be given pursuant to Conn. Agencies Regs. § 16-50j-40(a). Lists of officials and abutting property owners, a copy of the notice letter and documentation of mailing are provided in Exhibit 8.

A representative of Bloom contacted Mr. Felix Reyes, Director of Development and Planning for the City, by email on December 23, 2020 and provided plans for review. On January 28, 2021, plans were also forwarded to Ms. Michelle Johnson Scovish, Assistant Planner/Zoning and Wetlands Official. No comments have been received to date. *See* Exhibit 9.

V. CONCLUSION

Under Conn. Gen. Stat. § 16-50k(a), the Council is required to approve by declaratory ruling the construction or location of a customer-side distributed resources project or facility



with a capacity of not more than 65 MW, as long as the facility meets DEEP air and water quality standards. The proposed Facility meets each of these criteria.

The proposed project will replace a portion of the Site's baseload with a Class I renewable energy source, assist in achieving the State's sustainability goals, and improve reliability of electrical systems and equipment.

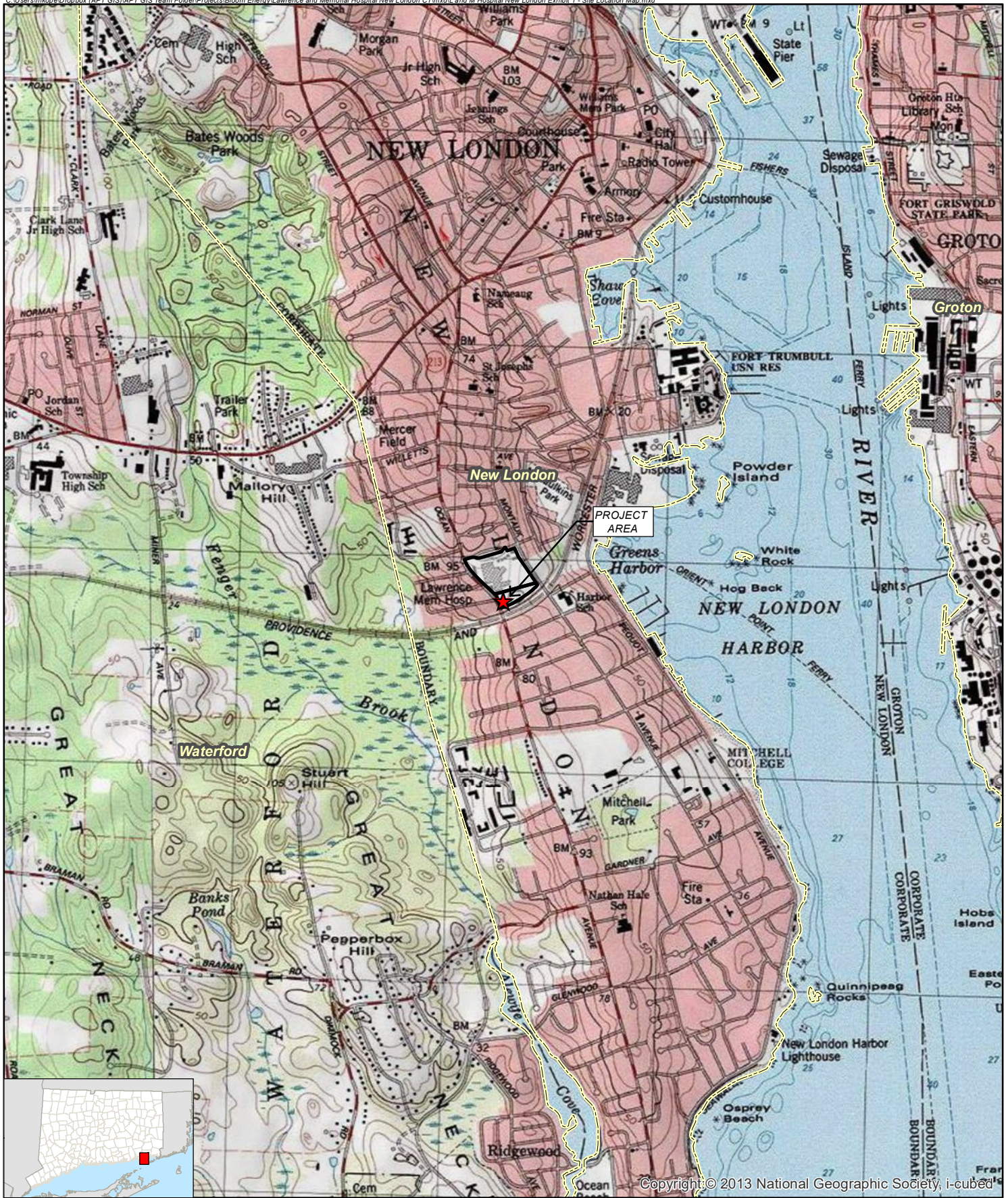
Bloom submits that no Certificate is required for the proposed Facility, as the installation would not have a substantial adverse environmental effect in the immediate vicinity of the Site or in the State of Connecticut. Accordingly, Bloom respectfully requests that the Council approve the proposed Facility by declaratory ruling.




Respectfully submitted,
Bloom Energy Corporation

By:  _____

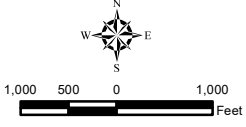
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Exhibit 1



- Legend**
-  Project Area
 -  Site
 -  Municipal Boundary (CTDEEP)

Map Notes:
 Base Map Source: USGS 7.5 Minute Topographic Quadrangle Map: New London, CT (1984)
 Map Scale: 1:24,000
 Map Date: January 2021



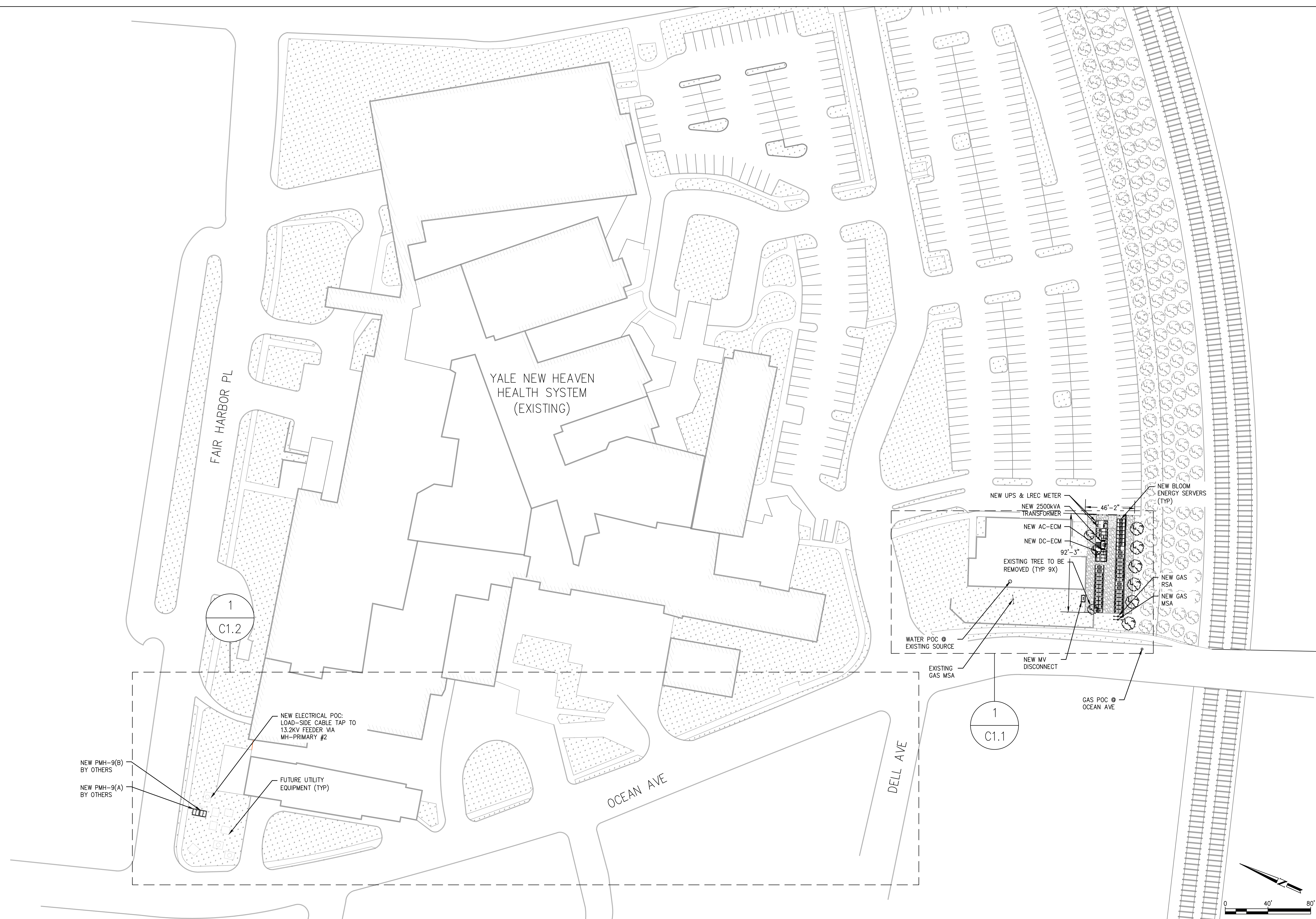
**Exhibit 1
 Site Location Map**

Proposed Bloom Energy Facility
 Lawrence + Memorial Hospital
 365 Montauk Avenue and
 412 Ocean Avenue
 New London, Connecticut



Exhibit 2

Exhibit 3



CUSTOMER SITE
YALE NEW HAVEN
HEALTH SYSTEM
365 MONTAUK AVENUE
NEW LONDON, CT 06320



REVISION HISTORY		
REV	REVISION ISSUE	DATE

DESIGNED BY: _____ REVIEWED BY: _____
DRAWN BY: TEJASHWNI APPROVED BY: _____

SHEET TITLE
OVERALL
SITE PLAN

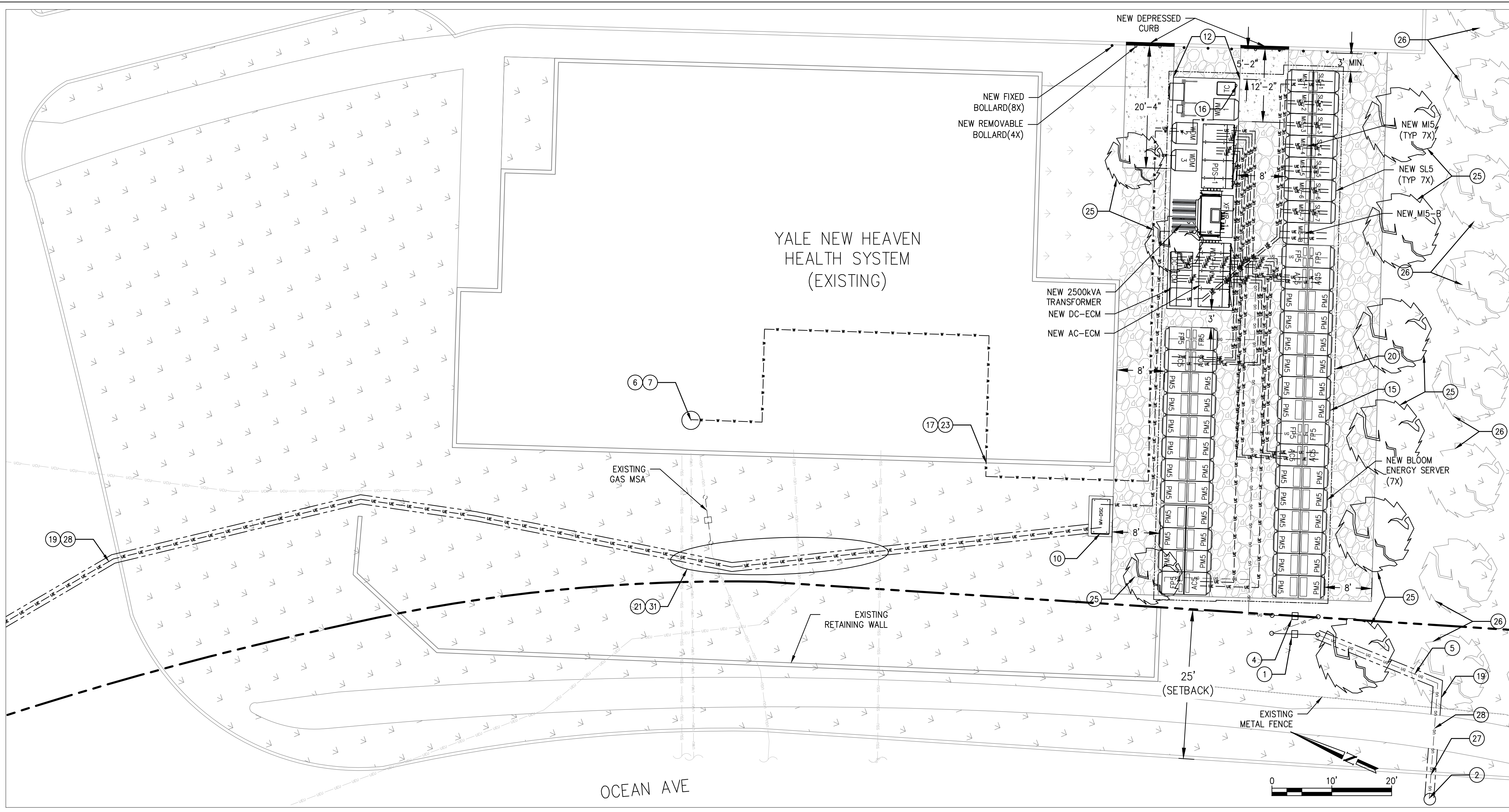
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G1.1

BLOOM DOCUMENT
DOC-1012778

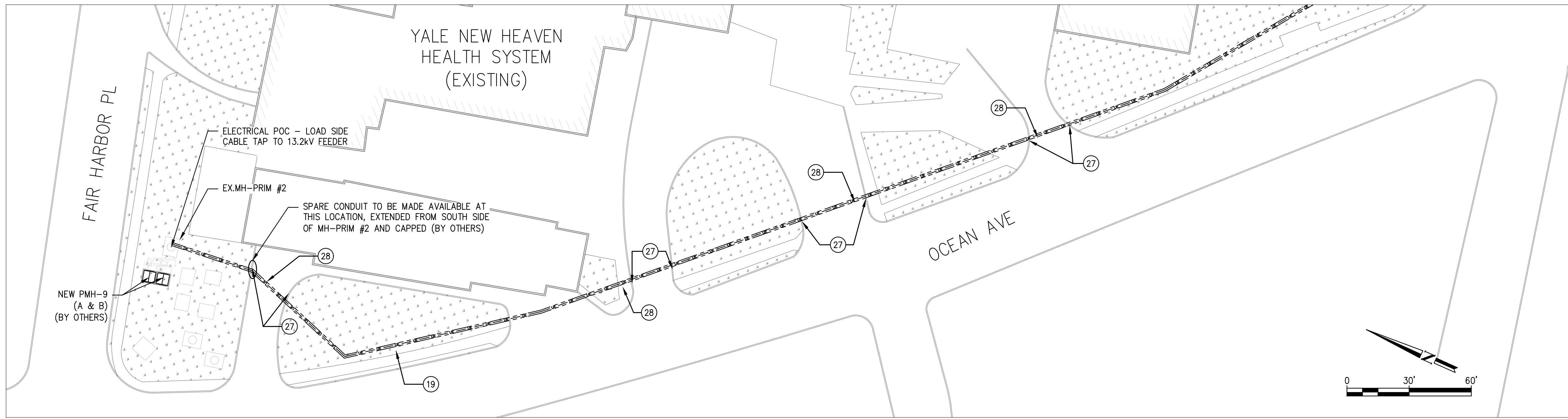
THIS DRAWING IS 24" X 36" AT FULL SIZE
SITE ID: YNH001.0 SHEET 03 OF 15

OVERALL SITE PLAN
SCALE: 1" = 40'

1
G1.1



DETAILED SITE PLAN 1
SCALE: 1" = 10' C1.1



DETAILED SITE PLAN 2
SCALE: 1" = 30' C1.1

GENERAL NOTES

1. CLEAN AND PRIME ALL NEW WALL MOUNTED PIPING AND CONDUIT. PIPING AND CONDUIT SHALL BE PAINTED WITH EXTERIOR GRADE PAINT TO MATCH EXISTING.
2. CONDUITS AND PIPES MOUNTED TO BUILDING WALL SHALL BE SUPPORTED AS PER LOCAL CODE, RUN AT HEIGHT ABOVE DOORWAYS, AND STAND OFF WALL TO AVOID EXISTING CONDUITS AND PIPES.
3. SLOPE LINES SHOWN ARE APPROXIMATE AND INTENDED TO SHOW THE GENERAL DIRECTION OF WATER RUN OFF; SLOPE LINES ARE DRAWN PER VISUAL SURVEY OF SURROUNDING AREA.
4. SEE BLOOM ENERGY PRODUCT INSTALLATION DRAWINGS FOR UTILITY CONNECTIONS TO ANCILLARY EQUIPMENT AND ENERGY SERVER.

REFERENCE SHEET NOTES

- 1 NEW UTILITY PROVIDED AND INSTALLED GAS METER WITH SHUT-OFF VALVE. CONTRACTOR SHALL PROVIDE PAD PER DETAILS IF REQUIRED BY UTILITY COMPANY. COORDINATE ALL CONNECTIONS WITH GAS UTILITY.
- 2 NEW UNDERGROUND GAS SERVICE TAP BY UTILITY COMPANY. COORDINATE WITH GAS UTILITY. CONTRACTOR SHALL PERFORM COMPACTION AND MATCH EXISTING SURFACE AND GRADE. CONTRACTOR SHALL COORDINATE GAS PIPE SIZING AND INSTALLATION REQUIREMENTS WITH UTILITY.
- 4 NEW PRIVATE GAS REGULATOR SET ASSEMBLY FOR BLOOM ENERGY SERVER WITH SHUT-OFF VALVE. REFER TO GAS RISER DETAIL FOR ADDITIONAL REQUIREMENTS.
- 5 NEW GAS PIPE SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. REFER TO GAS RISER DETAIL FOR ADDITIONAL REQUIREMENTS.
- 6 TAP EXISTING WATER LINE AT NEAREST ACCESSIBLE LOCATION IN BUILDING AS SHOWN WITH A LOCAL SHUT-OFF VALVE. REFER TO DOMESTIC WATER CONNECTION DETAIL FOR ADDITIONAL REQUIREMENTS.
- 7 NEW WATER PIPE SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. REFER TO WATER RISER DETAIL FOR ADDITIONAL REQUIREMENTS.
- 10 NEW BLOOM ENERGY FURNISHED, CONTRACTOR INSTALLED, PAD MOUNTED DISCONNECT SWITCH PER MANUFACTURER AND UTILITY SPECIFICATIONS.
- 11 CONTRACTOR SHALL TERMINATE ELECTRIC FEEDER AS SHOWN. REFER TO ELECTRICAL SINGLE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
- 12 CONTRACTOR SHALL PROVIDE TWO GROUNDING RODS TO BE PLACED 6' APART MINIMUM. REFER TO ELECTRICAL SINGLE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
- 13 NEW ELECTRICAL FEEDER SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. REFER TO ELECTRICAL SINGLE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
- 15 NEW BLOOM ENERGY SERVER. REFER TO BLOOM ENERGY STANDARD INSTALLATION DRAWING SET FOR ADDITIONAL BLOOM ENERGY SERVER DETAILS.
- 16 FACTORY WIRED BLOOM ENERGY SERVER EMERGENCY POWER-OFF SWITCH (EPO).
- 17 CONTRACTOR SHALL CORE CONDUIT AND/OR PIPE THROUGH WALL. SCAN WALL PRIOR TO CORING TO AVOID COLLATERAL DAMAGE TO EXISTING PLUMBING AND WIRING. REFER TO WALL PENETRATION DETAIL FOR ADDITIONAL REQUIREMENTS.
- 19 CONTRACTOR SHALL PROVIDE SAWCUT TRENCH FOR UNDERGROUND UTILITIES IN THIS LOCATION AND HAND DIG TRENCHES WHERE THEY CROSS EXISTING UTILITIES. REFER TO UNDERGROUND/TRENCH CONDUIT AND PIPING DETAIL FOR ADDITIONAL REQUIREMENTS.
- 20 CONTRACTOR SHALL SAWCUT TO ALLOW FOR EXCAVATION UNDER ENERGY SERVER AND ANCILLARY PAD LOCATIONS. REFER TO PAD DETAIL FOR ADDITIONAL EXCAVATION AND BACKFILL REQUIREMENTS.
- 21 PROTECT EXISTING UNDERGROUND UTILITY LINES FROM DAMAGE WHEN CROSSING WITH NEW UNDERGROUND UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGED LINES.
- 23 CONTRACTOR SHALL TRANSITION ALL ABOVEGROUND NEW LINES TO UNDERGROUND TOWARD ANCILLARY EQUIPMENT. ABOVE GROUND UTILITIES SHALL BE PROTECTED AS NECESSARY. THEN ROUTED UNDERGROUND TO EQUIPMENT STUB-UP LOCATIONS PER MECHANICAL DETAIL.
- 25 CONTRACTOR SHALL REMOVE EXISTING TREE.
- 26 CONTRACTOR SHALL TRIM EXISTING TREES FOR 10'-0" CLEARANCE TO BLOOM ENERGY SERVER TOP VENTS AND 6'-0" CLEARANCE TO ALL OTHER SURFACES OF ENERGY SERVER.
- 27 CONTRACTOR SHALL UNDER-CUT EXISTING CURB FOR TRENCHING UTILITY LINES AND BACKFILL WITH CONCRETE SLURRY. IF CURB IS DAMAGED, REPAIR TO MATCH EXISTING.
- 28 CONTRACTOR SHALL REMOVE AND REPLACE CONCRETE / ASPHALT DRIVE WAY TO THE NEAREST JOINT AS REQUIRED TO COMPLETE THE WORK. REFER TO CONCRETE / ASPHALT DRIVE WAY DETAIL FOR ADDITIONAL REQUIREMENTS.

EXISTING UTILITY NOTE:
THE LOCATION OF EXISTING UTILITIES IS SHOWN FOR THE CONTRACTOR'S REFERENCE. EXACT LOCATION, DEPTH AND SIZE OF ALL EXISTING UTILITIES IS NOT KNOWN. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES NOT SHOWN ON THESE DRAWINGS. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UNDERGROUND UTILITIES AND PROTECT THE EXISTING UNDERGROUND UTILITY LINES FROM DAMAGE WHEN CROSSING WITH NEW UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGED LINES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY FIELD CONDITIONS ENCOUNTERED DIFFER FROM THOSE REPRESENTED HEREON. SUCH CONDITIONS COULD RENDER THE DESIGNS HEREON INAPPROPRIATE AND MAY REQUIRE ADJUSTMENTS TO AVOID CONFLICTS.

CUSTOMER SITE
YALE NEW HAVEN
HEALTH SYSTEM
365 MONTAUK AVENUE
NEW LONDON, CT 06320

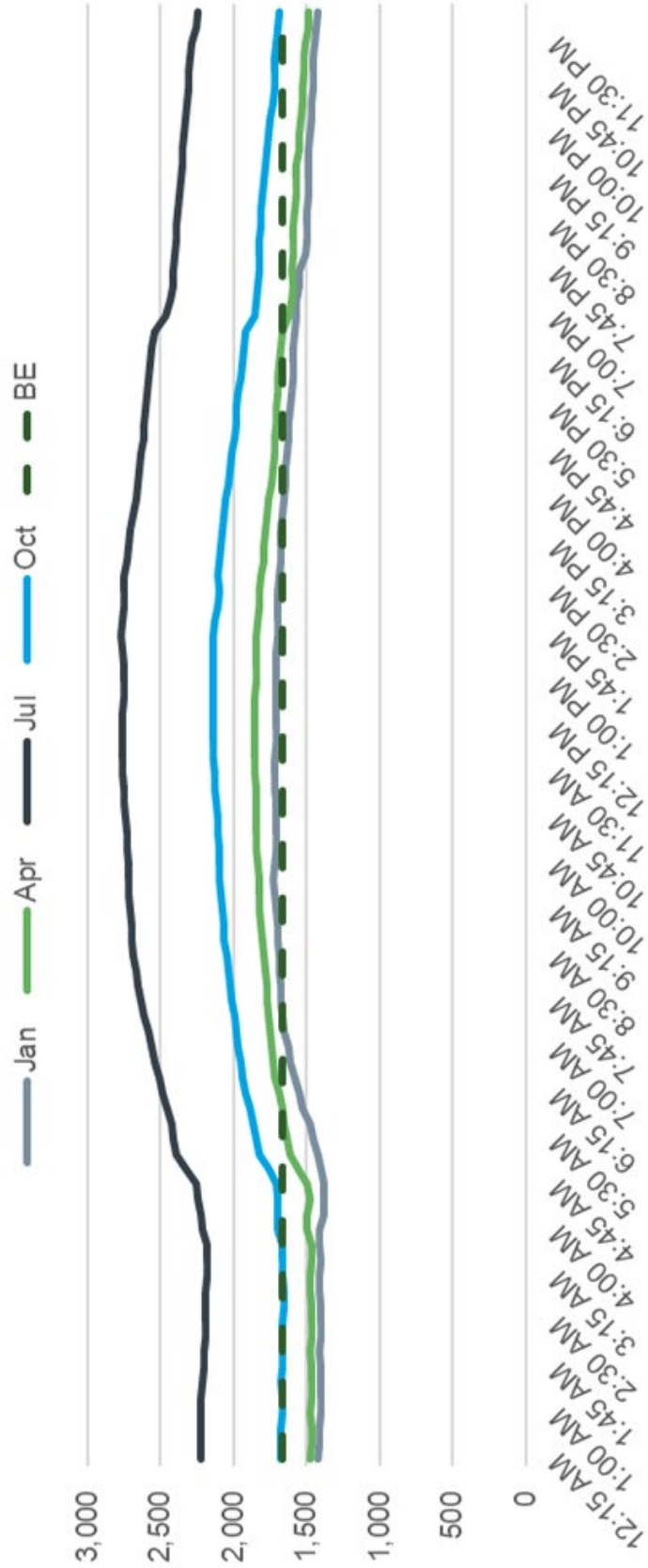
REVISION HISTORY		
REV	REVISION ISSUE	DATE

DESIGNED BY DRAWN BY TEJASHWNI	REVIEWED BY APPROVED BY
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SHEET TITLE DETAILED SITE PLAN	
DRAWING NUMBER C1.1	BLOOM DOCUMENT DOC-1012778
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Exhibit 4

Average Load Profile by Month
(Bloom serves 86% of load)



Energy Server™ 5

Always On, Clean Energy
Using Patented Solid Oxide
Fuel Cell Technology



The Energy Server 5 provides combustion-free electric power with these benefits



Clean

Our systems produce near zero criteria pollutants (NOx, SOx, and particulate matter) and far fewer carbon emissions than legacy technologies.



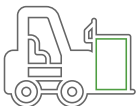
Reliable

Bloom Energy Servers are designed around a modular architecture of simple repeating elements. This enables us to generate power 24 x 7 x 365 and can be configured to eliminate the need for traditional backup power equipment.



Resilient

Our system operates at very high availability due to its fault-tolerant design and use of the robust natural gas pipeline system. Bloom Energy Servers have survived extreme weather events and other incidences and have continued providing power to our customers.



Simple Installation and Maintenance

Our Energy Servers are 'plug and play' and have been designed in compliance with a variety of safety standards. Bloom Energy manages all aspects of installation, operation and maintenance of the systems.

Energy Server 5	Technical Highlights (ES5-AA2AAL)
Outputs	
Nameplate power output (net AC)	262.5 kW
Load output (net AC)	250 kW
Electrical connection	480V, 3-phase, 60 Hz
Inputs	
Fuels	Natural gas, directed biogas
Input fuel pressure	10-18 psig (15 psig nominal)
Water	None during normal operation
Efficiency	
Cumulative electrical efficiency (LHV net AC) ¹	65-53%
Heat rate (HHV)	5,811-7,127 Btu/kWh
Emissions²	
NOx	0.0017 lbs/MWh
SOx	Negligible
CO	0.034 lbs/MWh
VOCs	0.0159 lbs/MWh
CO ₂ @ stated efficiency	679-833 lbs/MWh on natural gas; carbon neutral on directed biogas
Physical Attributes and Environment	
Weight	13.6 tons
Dimensions (variable layouts)	14'4" x 8'8" x 6'9" or 28'8" x 4'4" x 7'2"
Temperature range	-20° to 45° C
Humidity	0% - 100%
Seismic vibration	IBC site class D
Location	Outdoor
Noise	< 70 dBA @ 6 feet
Codes and Standards	
Complies with Rule 21 interconnection and IEEE1547 standards	
Exempt from CA Air District permitting; meets stringent CARB 2007 emissions standards	
An Energy Server is a Stationary Fuel Cell Power System. It is Listed by Underwriters Laboratories, Inc. (UL) as a 'Stationary Fuel Cell Power System' to ANSI/CSA FC1-2014 under UL Category IRGZ and UL File Number MH45102.	
Additional Notes	
Access to a secure website to monitor system performance & environmental benefits	
Remotely managed and monitored by Bloom Energy	
Capable of emergency stop based on input from the site	

¹ 65% LHV efficiency verified by ASME PTC 50 Fuel Cell Power Systems Performance Test

² NOx and CO measured per CARB Method 100, VOCs measured as hexane by SCAQMD Method 25.3

About Bloom Energy

Bloom Energy's mission is to make reliable, clean energy affordable for everyone in the world. The company's product, the Bloom Energy Server, delivers highly reliable and resilient, Always On electric power that is clean and sustainable. Bloom's customers include twenty-five of the Fortune 100 companies and leaders in cloud services and data centers, healthcare, retail, financial services, utilities and many other industries.

Bloom Energy

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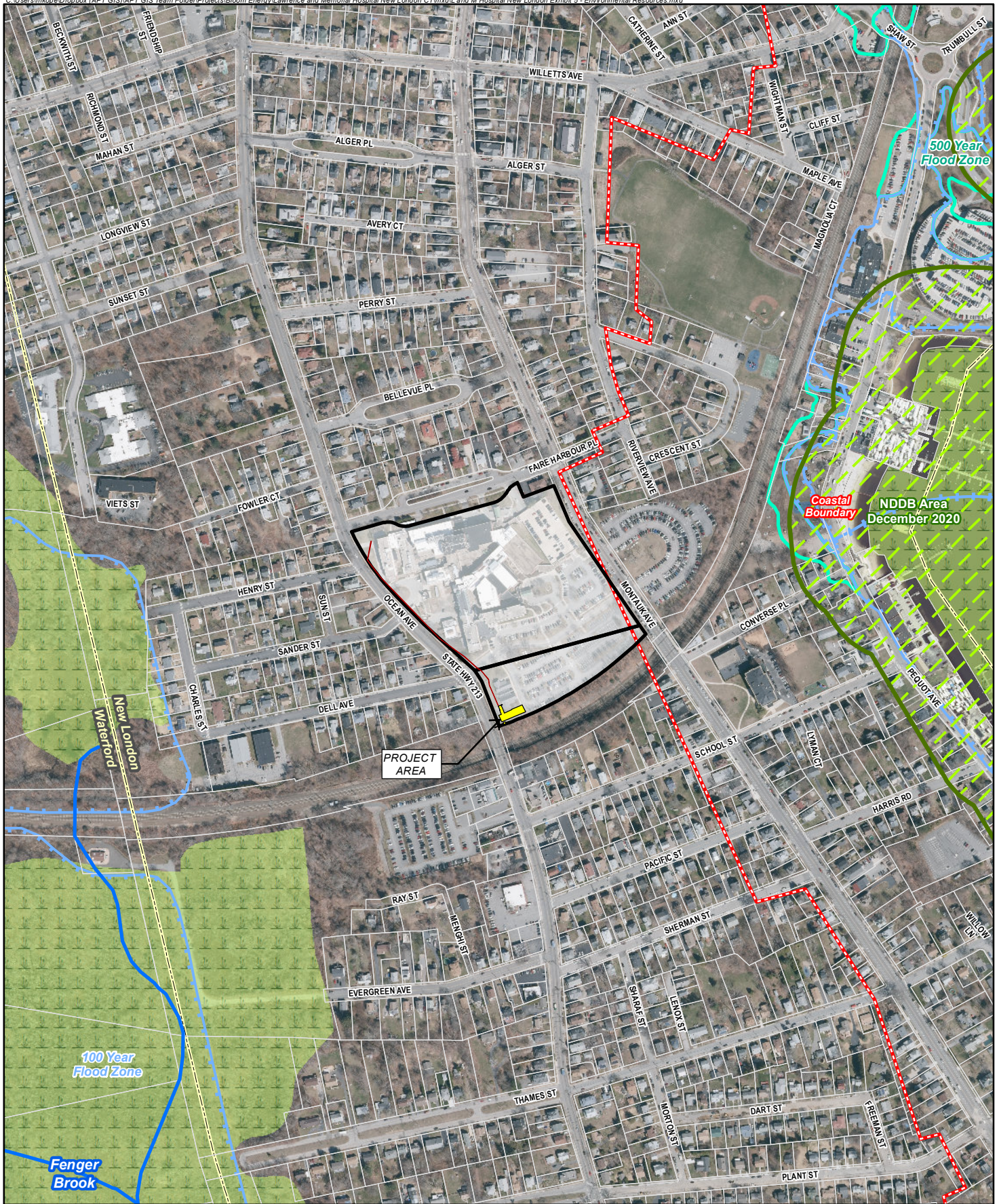
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DOC-1012453 Rev A





Exhibit 5



- Legend**
- Site
 - Project
 - Utility Trench
 - CTDEEP Natural Diversity Database (updated Dec 2020)
 - CTDEEP Critical Habitat (Oct 2019)
 - CTDEEP Watercourse
 - CTDEEP Wetlands
 - FEMA 100-Year Flood Zone
 - FEMA 500-Year Flood Zone
 - Floodway
 - CTDEEP Coastal Boundary
 - Approximate Assessor Parcel
 - Municipal Boundary

Map Notes:
 Not All Legend Items May Be Located Within Map Extent
 Base Map Source: CTECO 2019 Aerial Photograph
 Map Scale: 1 inch = 500 feet
 Map Date: January 2021



Exhibit 5 Environmental Resources

Proposed Bloom Energy Facility
 Lawrence + Memorial Hospital
 365 Montauk Avenue and
 412 Ocean Avenue
 New London, Connecticut



Exhibit 6



*Fire Prevention and Emergency Planning –
Grid Parallel*

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Bloom Energy Corporation, 1299 Orleans Drive, Sunnyvale, CA 94089 USA

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1. FIRE PREVENTION AND EMERGENCY PLANNING OVERVIEW

The following document is provided only as a guide to assist you in complying with national and local codes and requirements, as well as to provide other helpful information. It is not intended to supersede the requirements of any standard. You should review the standards for particular requirements that are applicable to your individual situation, and make adjustments to this program that are specific to your company. You will need to add information relevant to your facility in order to develop an effective, comprehensive program.

2. FUEL CELL SYSTEM INSTALLATION SAFETY FEATURES

The fuel cell system has redundant safety features and in-system checks to ensure that the system will not harm certified technicians or bystanders near the unit. While the actual fuel cells operate at high temperatures, these components do not move, and are contained within many layers of insulation. During normal operation, the unit is cool to the touch and operates quietly.

The fuel cell system is controlled electronically and has internal sensors that continuously measure system operation. If safety circuits detect a condition outside normal operating parameters, the fuel supply is stopped and individual system components are automatically shut down. A Bloom Energy Remote Monitoring and Control Center (RMCC) operator can also remotely initiate any emergency sequence. An Emergency Stop alarm condition initiates an automatic shutdown sequence that puts the fuel cell system into —safe modell and causes it to stop exporting power. If you have questions about any of these safety features, please contact Bloom Energy.

If you have to shut down your fuel cell system right away—for example, in case of a building fire or electrical hazard—three shutoff controls are installed at your facility external to the system. The locations of these three controls should be known to your facilities manager before operation, and should be noted on your facility diagram that you created with your Bloom Energy account manager. The three shutoffs are the **EPO button**, the **electrical disconnect**, and the **natural gas shutoff valve**.

- An **Emergency Power Off (EPO) Button** cuts all power to all systems and stops them from exporting power to your building. All natural gas flow is also stopped within the systems. (The EPO button is on the front/side of the EDM, if an EDM is installed.) Lift the protective cover and break the glass seal that covers the button with the attached hammer. After the glass seal is broken, the shutdown sequence will automatically begin.



Figure 1: Emergency Power Off Button

- An **electrical disconnect** manually disconnects systems from the grid if needed. Pressing the EPO button should already stop any power transmission, but it does not hurt the systems to also open this disconnect if you believe it is needed. The location of this disconnect will vary, however it is typically located near the point of interconnection where the wires from the fuel cell installation meet the facility's electrical framework. This may be inside your facility's electrical room, or if the fuel cell installation is near the electrical room, it may be found within the switchgear that Bloom Energy installs. This location of this disconnect is shown on the Site Map (see below) and is labeled "(name of electrical utility) Lockable Visible Generator Disconnect Switch".



Figure 2: Electrical Disconnect

- A **manual natural gas valve** shuts down all natural gas to the system. If the valve operator is perpendicular to the pipe, the valve is shut. If it is parallel with the pipe, the valve is open.



Figure 3: Manual Natural Gas Valve

Site map:

- An overhead site map showing the location of all safety features will be posted throughout the fuel cell installation
- Electronic copies are available to you for use in your site planning

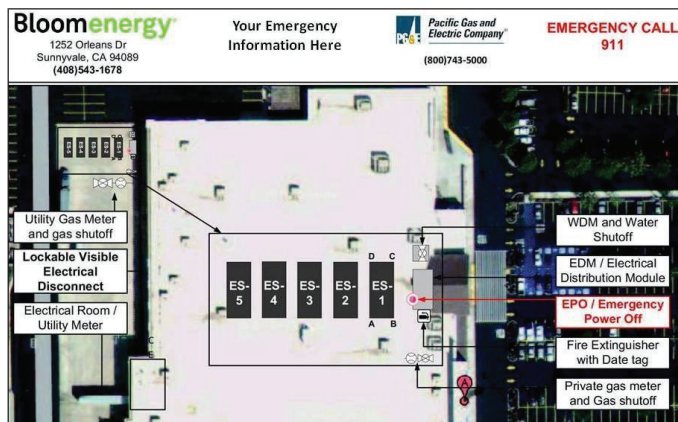


Figure 4: Sample Site Map

Manual controls:

- Clearly marked emergency stop button labeled —Fuel Cell Emergency Shut Down located at site
- Two manual fuel shutoff valves outside the system, and two isolation valves inside the system

Fire hazard mitigation:

- System is plumbed directly to utility-provided natural gas
- If system input gas pressure is compromised, a pressure switch triggers an emergency system shutdown and fuel input is isolated
- System does not use fuel compressors or pumps
- System has virtually no stored fuel (internal capacity is < 5 scf)

Electrical hazard and mitigation:

- System operates at 480V
- Signs inside the system warn of the risk of electric shock
- System has backfeed protection
- System inverter prevents grid backfeed during a power outage

Mechanical hazard and mitigation:

- Finger/hand guard protection is provided on all fans
- All moving parts are located behind secured doors

Material hazard mitigation:

- Desulfurizer bed (to remove fuel impurities) are fully enclosed
- Maintained and serviced by licensed vendors

3. EMERGENCY NOTIFICATION PROCEDURES

Life-Threatening Emergencies

To report life-threatening emergencies, immediately call:

Fire:	911
Ambulance:	911
Police:	911

Conditions that require automatic emergency notification include:

- Unconscious Victim
- Seizure
- Major Trauma
- Chest Pains
- Difficulty Breathing
- Flames

Non-Life-Threatening Emergencies

For non-life-threatening emergencies, report the incident to the local safety control center.

When you report an emergency, give the following information:

- Exact nature of the emergency (describe as clearly and accurately as possible).
- Exact location (i.e., address, building, floor, area, department, etc.).
- Telephone number from which you are calling.
- Your full name.
- **Do not hang up**, as additional information may be needed.

To assist in any subsequent investigation or determination of corrective actions, it is recommended to record the following items as close to the incident time as possible:

- Summary of any violation

- Identification of responsible parties
- Identification of victims and witnesses
- Description of evidence
- Description of general conditions
- Description of any vehicles involved
- Narratives from witnesses
- Any photographs

4. FIRE OR SMOKE PROCEDURES

This section describes the procedures involving a fire or smoke. A major fire is one that requires the use of more than one fire extinguisher or takes more than one minute to extinguish.

If you discover a fire or smoke:

1. Activate the nearest fire alarm if not activated already.
2. Activate the fuel cell Emergency Stop if possible.
3. Shut off the fuel cell installation natural gas line if possible.
4. If the fire is small and does not pose an immediate risk to personal safety, you may attempt to extinguish it with a portable fire extinguisher **only if trained to do so**.
5. Avoid using water on electrical fires.
6. Report every fire, regardless of size, immediately. Smoke or the smell of smoke should be reported.
 - From a safe location dial **911**.
 - Report the incident to the local security safety center.

5. MEDICAL EMERGENCY PROCEDURES

This section describes the necessary procedures for injuries or illnesses that may occur under extreme conditions.

A serious injury can be life-threatening and will require immediate medical attention. Injuries can include head injuries, spine injuries, broken bones, heart attack, stroke, loss of consciousness, excessive bleeding, chemical exposure, etc.

A non-serious injury is not immediately life-threatening but may still require the attention of a medical doctor. These can include headaches, nausea, itching, cuts, burns, etc.

Life-Threatening Medical Emergency

1. Remain calm.
2. Immediately dial 911.
3. Report the incident to local security safety center.
4. Do not move the victim unless it is absolutely necessary.
5. Call out for personnel trained in first aid and/or CPR which may include Building Evacuation or Emergency Response team members.

6. Ask someone to bring the area first aid kit and Automated External Defibrillator.
7. Assist if capable or asked to do so.

Non-Life-Threatening Medical Emergency

1. Remain calm.
2. Report the incident to the local security safety center.
3. Do not move the victim unless it is absolutely necessary.
4. Call out for personnel trained in first aid.
5. Ask someone to bring the area first aid kit.
6. If the victim requires further medical attention, then direct them to the nearest approved medical clinic or hospital – Contact Security or Human Resources for assistance if needed.
7. The injured employee’s supervisor/manager is responsible for ensuring injury forms are properly filled out. Complete the forms within 24 hours of incident and submit to the injury reporting system for follow-up. Follow company protocols.

6. MATERIALS RELEASE PROCEDURES

The fuel cell system does not pose a hazard to health or environment. However, some internal materials when released, may pose a irritation risk to people and a possible risk of fire if not properly handled. This section was designed to address potential material release events:

In case of a material release that poses a direct threat to health, safety, or the environment:

1. Report the incident to local safety/security office.
2. If extremely life-threatening immediately dial **911** followed with a call to Security.
3. Contain the spill.
4. Evacuate the area or building if the material release is determined to be life-threatening.

In the event of an unknown indoor smell or odor, report the incident to authorities responsible for HAZMAT and spills.

7. NATURAL DISASTERS AND SEVERE WEATHER

7.1 Earthquake

This section provides information and procedures for earthquake emergencies.

The fuel cell system is designed to automatically shut off if the natural gas supply is compromised.

The natural gas supply line has an external, manual shut-off valve that should be activated if it is safe to do so. This valve will be labeled, “Notice – Fuel Cell Gas Shut

Off". The natural gas line will be labeled with the word "gas" on a yellow background with an arrow pointing in the direction of flow.

The nearby Emergency Stop can be activated to stop the flow of fuel and power to/from the fuel cell system.

A Bloom Energy Field Engineer will validate site safety and system operation during/after severe weather as necessary.

7.2 Flood

The fuel cell system support pad is designed to divert water flow. However, if flooding conditions exist, or threaten to exist due to heavy rainfall, creek bank overflows, or pipe breakage, then immediately report the incident to the local safety/security office.

Do not use the fuel cell power system if any part has been under water. If it is safe to reach the Emergency Power Off button for the site without entering the water, stop all systems until a Bloom Energy representative can assess the site.

Precautions to follow after a flood:

- Stay out of flooded areas. Flooded areas remain unsafe. Entering a flooded area places you at risk.
- Notify Bloom Energy. A Bloom Energy Field Engineer will validate site safety and system operation during/after severe weather as necessary

8. UTILITY OUTAGE

The fuel cell system is operated in "Grid-Parallel" mode. If utility provided power is lost for any reason, the fuel cell system will go "off-line". The fuel cell system will remain in stand-by mode until it automatically senses the utility grid has been restored. If utility gas is shut down, the fuel cell system will begin to shut down completely.

The Bloom Energy Remote Monitoring Control Centers monitor the fuel cells 24 hours per day and will be alerted to utility grid interruptions via its controls software. A Field Service Engineer will be dispatched to restart the fuel cell system if necessary. Customer personnel should NOT attempt to start up or operate the fuel cell system.

Before a Planned Outage

- Notify the Bloom Energy Remote Monitoring Control Center at 1-408-543-1678 at least 24 hours before planned outage.
- Bloom Energy Remote Monitoring Engineers will reduce power generated by the fuel cell system and take the fuel cell off-line.
- Abrupt fuel cell system shutdowns may cause significant system damage.

During a Utility Power Loss

- The fuel cell system will automatically go off-line.
- The Bloom Energy Remote Monitoring Control Centers will monitor the fuel cell system.
- Bloom Energy Field Service will be dispatched to start up the fuel cell system as necessary.
- If the fuel cell system has been automatically shut down and utility power is restored, there will be no impact to building power delivery: primary power will come from the utility rather than the fuel cells.

9. GOOD HOUSEKEEPING AND MAINTENANCE

9.1 Good Housekeeping

Although extremely unlikely, to minimize the risk of fire and any incidents, Facility Managers should take the following precautions around the fuel cell installation:

- What to do if you smell gas:
 - Do not try to light any appliance
 - Do not touch any electrical switch; do not use any phone in the area
 - Leave the area immediately
 - Immediately call your gas supplier. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department
- Notify Bloom Energy Remote Monitoring Control Center at 1-408-543-1678 of any condition that would impair the safety of the fuel cell installation so that mitigation measures could be determined and placed into effect.
- Prohibit smoking within the area of the fuel cell installation. Bloom Energy will furnish No Smoking signs for the area.
- Ensure only Bloom Energy Service Providers are permitted access inside the system.
- Keep the area around the fuel cell installation clear for ten feet in all directions, for safety and ease of maintenance.
- Keep the area around the fuel cell power system clear and free of combustible materials, gasoline, and other flammable vapors and liquids.
- Shut the system down and call Bloom Energy immediately if you suspect a fuel line rupture.
- **Never enclose an operating system** in a tarp, tent, shed, or other structure that would allow air to become trapped. This system runs on natural gas, and produces trace amounts of CO and CO₂. The amounts of these gases are safe for normal outdoor operation but could gather in an enclosed place.
- Do not block or obstruct air openings on the fuel cell power system. This system requires air flow in order to operate.

- Do not use this fuel cell power system if any part has been under water. Immediately call qualified service personnel to inspect the fuel cell power system and to replace any functional part which has been under water.
- Please contact Bloom Energy at 408-543-1678 with as much advance notice as possible if you plan, detect, or suspect a prolonged Internet outage.
- The Bloom Energy Field Service team will periodically clean the equipment; do not spray with pressurized hoses.

9.2 Maintenance

Your site has specific Field Service personnel assigned to it for both routine maintenance and troubleshooting. Your site project manager will introduce you to the designated Bloom Energy Field Service team assigned to your site prior to operation.

Bloom Energy Field Service personnel are trained in state Safety Law. They are trained in all the procedures required for the fuel cell installation, and their toolkit includes all the safety equipment required to work around the fuel components and high voltage in our system (480VAC).

Bloom Energy also requires its employees to follow all necessary safety precautions, including:

- Every time a Field Service technician arrives at a site for the first time and opens a service panel, the technician will use a leak detector to determine whether there is any gas buildup in the system and determine that it is safe to work on it.
- Whenever a Field Service technician is removing and replacing a component on a fuel or exhaust line, the technician must keep a CO detector nearby to make sure that no CO is present in the line even after the system has been shut down.

The Field Service team expects to conduct quarterly and yearly preventative maintenance for certain types of consumable or cleanable components such as replacement of air filters, water filters, and desulfurizer beds. Other maintenance will be performed as required. During such times, inspections for any hazards will be conducted including quarterly fire extinguisher inspection (if applicable).

10. TRAINING

Prior to system startup, a Bloom Energy representative will provide training on the fuel cell installation to include the location and operation of safety features as well as actions to take during emergencies. We desire this training to provide lasting value and are more than happy to work with you to customize the experience to suit your needs.

Exhibit 7

January 12, 2021

Bloom Energy
4353 North 1st Street
San Jose, California 95134

Attention: **Cheryl Bullock | Supply Chain Commodity Manager**

Subject: **Yale New Haven Health System, New London, CT
Fuel Cell Acoustical Analysis
Veneklasen Project No. 4631-013**

Dear Cheryl:

Veneklasen Associates, Inc. (Veneklasen) was contracted to evaluate noise impact of the proposed fuel cells for the subject project in New London, CT. This report includes the predicted noise levels at the adjacent property lines and an evaluation of necessary mitigation, if warranted, to comply with the local noise ordinance in the surrounding community. This report documents our findings.

Noise Criteria

The New London Noise Ordinance, Ordinance Number 02-07-05-1, and the State of Connecticut Environmental Protection title 22a, section 22a-69-3.5 both provide the following noise limits for various property types:

No person shall cause or allow the emission of excessive noise beyond the boundaries or his/her noise zone as measured at any point on the receptor's tract or parcel of land, so as to exceed the levels stated herein:

	C	B	A-day	A-Night
Class C emitter to	70 dBA	66 dBA	61 dBA	51 dBA
Class B emitter to	62 dBA	62 dBA	55 dBA	45 dBA
Class A emitter to	62 dBA	55 dBA	55 dBA	45 dBA

Where "Nighttime hours" shall mean the hours between 10:00 p.m. and 7:00 a.m. Sunday through Friday, and between 10:00 p.m. and 8:00 a.m. Saturday (local time).

Where Class C Noise Zone/Uses are generally industrial, Class B Noise Zones/Uses are generally commercial in nature, and Class A Noise Zone/Uses are generally residential areas where human beings sleep or areas where serenity and tranquility are essential to the intended use of the land.

Section 22a-69-3.6 of the Connecticut Environmental Protection title also includes the following noise requirement:

In those individual cases where the background noise levels caused by sources not subject to these Regulations exceed the standards contained herein, a source shall be considered to cause excessive noise if the noise emitted by such source exceeds the background noise level by 5 dBA, provided that no source subject to the provisions of Section 3 shall emit noise in excess of 80 dBA at any time, and provided that this Section does not decrease the permissible levels of the other Sections of this Regulation.

It is assumed that the proposed fuel cells will run 24-hours per day. The fuel cell station should be designated as a Class B emitter. Veneklasen has conducted the following analyses to determine whether proposed fuel cell noise levels exceed any of the above noise limits set forth by the City of New London and the State of Connecticut.

Existing Ambient Noise Analysis

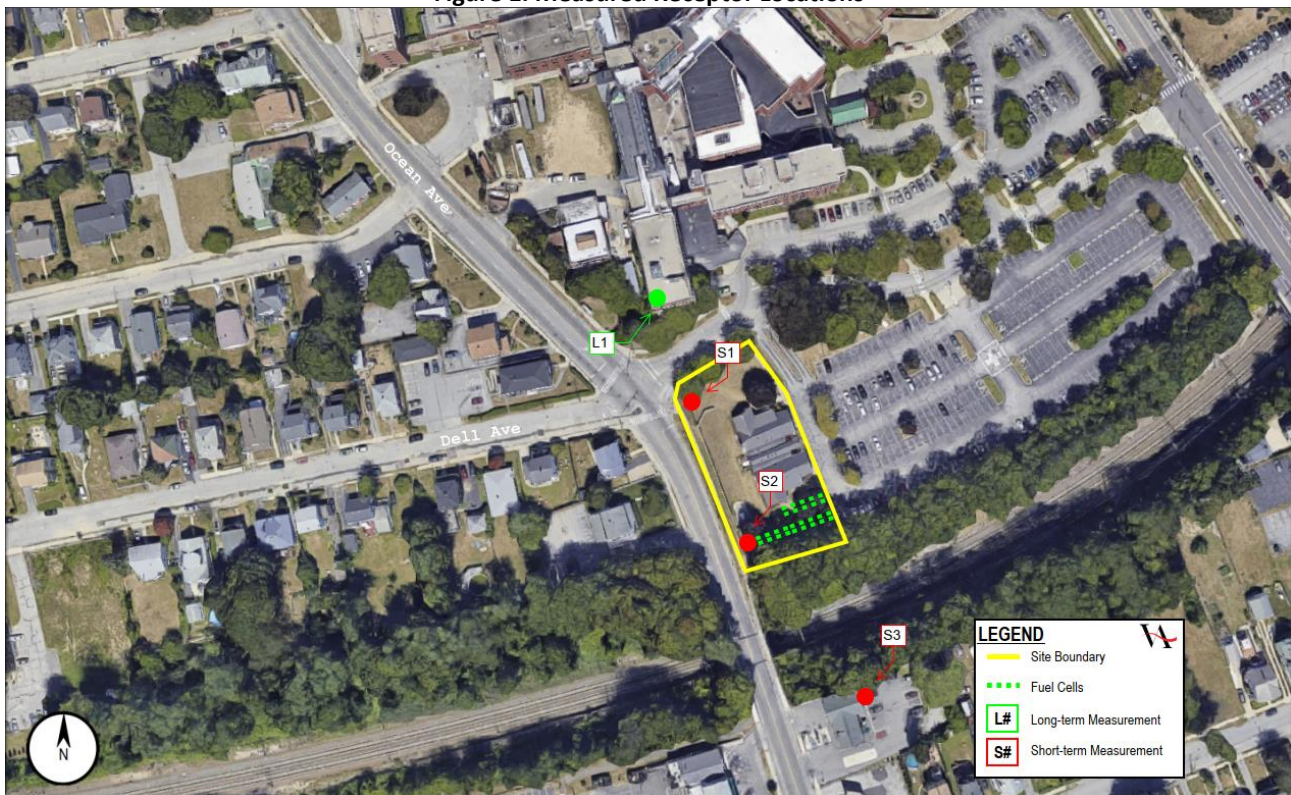
The ambient noise level was determined from measured data and calculated with traffic counts.

Veneklasen visited the site on Monday, December 21, 2020 and placed a meter on the roof of the existing building to capture the hourly sound levels on the site for a 24-hour period. Veneklasen also completed short-term noise measurements on December 18, 2020. Table 1 and Figure 1 show the location and summary of the noise measurements. Both the short-term and long-term measurements include rail activity noise from the railroad south of the project site.

Table 1. Measured Sound Levels

Location	Average Daytime Hour, Leq dBA	Average Nighttime Hour, Leq dBA	LDN
L1	58	54	63
S1	57	-	-
S2	61	-	-
S3	51	-	-

Figure 1. Measured Receptor Locations



To corroborate the existing ambient noise levels at the site due to existing traffic sources, Veneklasen has utilized the Traffic Noise Model computer software program developed by the FHWA (Federal Highway Administration TNM 2.5) in order to predict vehicular noise levels at various property lines. Traffic counts for the adjacent roadways were provided by the Connecticut Department of Transportation (CTDOT) Traffic Data Viewer website. The ADT on Ocean Avenue in 2017 and 2020 was 11,000.

The FHWA software calculates noise levels in terms of Day-Night Level (LDN), which is the 24-hour equivalent (average) sound level in which nighttime (10 pm – 7 am) noise is weighted by adding 10 dB to the hourly level. This single-number metric does not describe how noise levels change between daytime and nighttime. Therefore, Veneklasen utilized traffic contour data to estimate the average daytime and nighttime noise level based on the calculated LDN level. The level was determined using methods and analysis techniques described in LoVerde, Dong, Rawlings, *Noise prediction of traffic on freeways and arterials from measured sound data*. Noise-Con. Noise-Con 2014 (Fort Lauderdale). *Noise-Con Proceedings*. Paper nc14_015, 2014. Therefore, Veneklasen expects that the measured average nighttime ambient noise level of 54 dBA based on the measurements and analysis.

The LDN increases to 68 at the S1 and S2 locations, closer to the roadway; the analogous nighttime noise level is 60 dBA.

Property Line Noise Analysis

Drawings dated December 1, 2020 indicate the proposed fuel cell units will be installed in the southern yard of the medical office building at 365 Montauk Avenue Ave. This building will be included as a sensitive receptor and classified as commercial (Zone B). The remaining sensitive receptors and their noise zone classification are shown in Table 2 below.

The current fuel cell installation method includes a foam dampening material that is installed at the doors and exhaust to the fuel cells. Measurement data of these units when compared to units without foam indicate that the foam compound reduces noise levels produced by the cells by approximately 5 decibels. See Appendix A below for individual fuel cell sound power data and foam compound reduction data used in the following analysis.

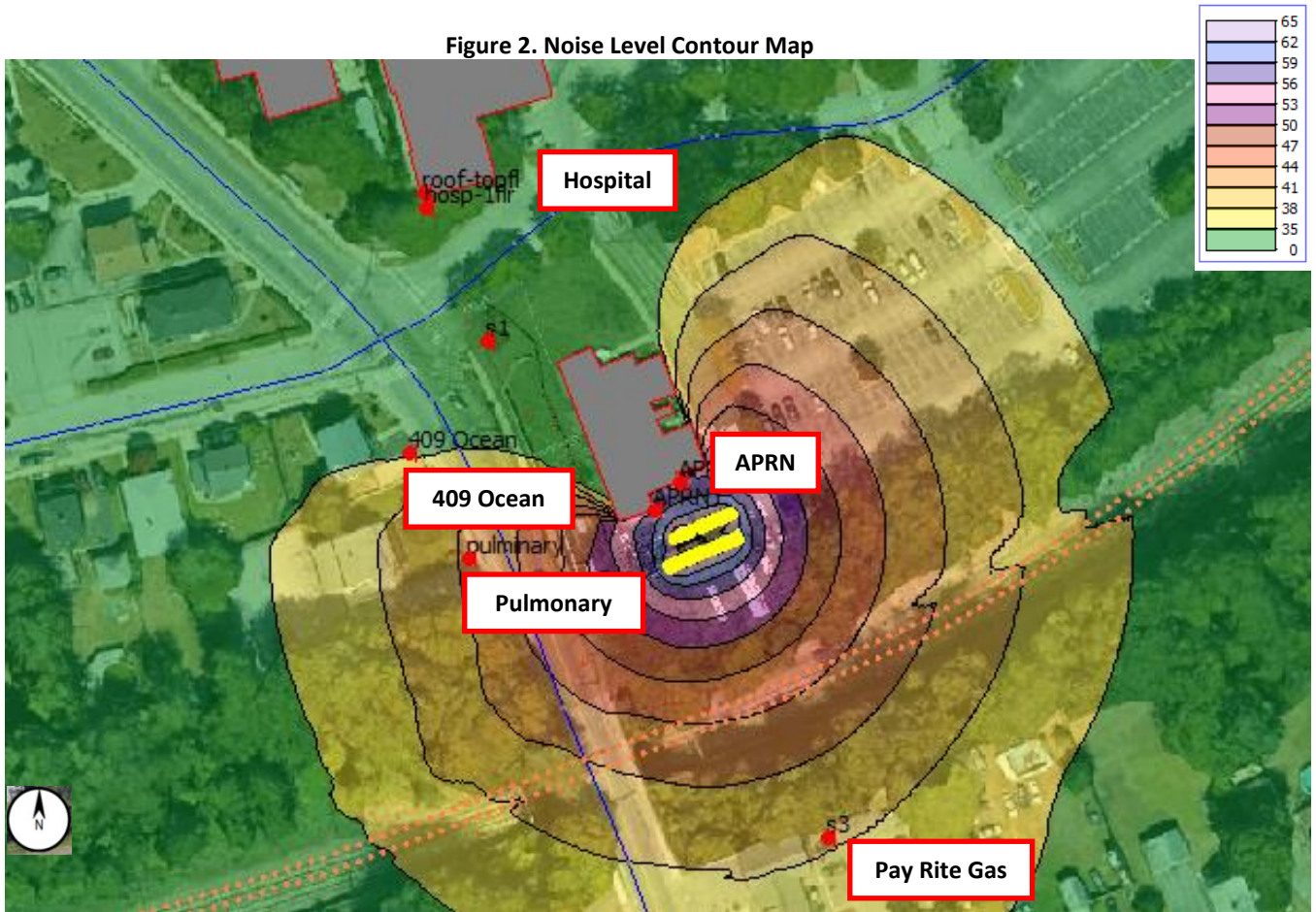
Using the sound power data shown in Appendix A, Veneklasen calculated noise from the proposed fuel cells to the adjacent sensitive receptors. Acoustical modelling was completed using Bruel & Kjaer’s Predictor V.2020 computer software program. See Figure 2 for a noise level contour map of the project site and Table 2 for numeric noise level results for each sensitive receptor. The receptors are labeled in Figure 2. Table 2 below also includes the calculated ambient noise level due to vehicular and railroad traffic for comparison.

Table 2. Fuel Cell Property Line Noise Levels at Defined Sensitive Receptors

Sensitive Receptor	Noise Zone Used	Calculated Fuel Cells Noise Level, dBA	Allowable Receptor Noise Level, dBA	Noise Code Compliant?	Ambient Noise Level, dBA
365 Montauk Ave (Megan E. Watts-St.Germain, APRN)	B	56-58	62	YES	58 (day)
415 Ocean Ave (Shoreline Pulmonary Associates)	B	41	62	YES	58 (day)
409 Ocean Ave	A-Night	34	45	YES	54 (night)
365 Montauk Ave (Lawrence Memorial Hospital)	A-Night	25 (roof/top floor) 20 (1 st floor)	45	YES	54 (night)
440 Ocean Ave (Pay Rite Gas)	B	38	62	YES	58 (day)

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Figure 2. Noise Level Contour Map



The noise levels at all sensitive receptors are within the limits of the City noise ordinance and Section 22a-69-3.5 of the State noise code. None of the calculated fuel cell noise levels exceed the measured and calculated ambient noise levels due to vehicular traffic and railroad activity. Therefore, fuel cell noise levels are compliant with Section 22a-69-3.6 of the State noise code.

Summary

Veneklasen has reviewed the subject project site proposed fuel cell property line noise levels as they pertain to the applicable New London Municipal Code and Connecticut Noise Codes. All property line noise levels are in compliance with no additional mitigation.

If you have any questions, please do not hesitate to call.

Sincerely,
Veneklasen Associates, Inc.

Kevin Patterson

Kevin Patterson
 Associate

John LoVerde

John LoVerde, FASA
 Principal

Appendix A – Sound Power Levels

Sound power data was taken from the Mei Wu Acoustics (MWA) Report titled “Bloom Energy – ES5 Linear Sound Power Measurement”, dated June 21, 2016. These reported levels were measured without the sound dampening foam described above.

Table 3. Fuel Cell Measured Sound Power Level

Dampening Product Installed?	Measured Sound Power Level [dB] – 1/1 Octave Bands							LwA
	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	
No	77.9	80.9	84.1	82.3	80.5	76.9	69.4	84.9
Yes	77.9	80.9	81	77.9	73.7	67.2	64.8	79.3

In a study conducted at an existing installation of the fuel cell systems, measurements were taken of the fuel cell banks with and without the dampening product. The Noise Reduction (NR) of the dampening product was calculated by taking the difference of these measured values at octave band frequencies. Note that no significant reduction was shown at the 63Hz and 125Hz bands. The modified sound levels for the fuel cells that were utilized in calculations shown in this report are shown in Table 3.

Table 4. Measured Sound Dampening Foam Mitigation

Condition	Measured Sound Pressure Level [dB] @10ft – 1/1 Octave Bands				
	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
No Foam	70.8	66.8	65.5	62.4	53.6
Foam	67.8	62.5	58.7	52.8	49.0
Difference (NR)	3.1	4.4	6.8	9.7	4.6

Exhibit 8



VIA CERTIFICATE OF MAILING

January 27, 2021

RE: Application of Bloom Energy for the location and construction of seven (7) new ES-5 Bloom Energy Server solid oxide fuel cells to provide 1750 kilowatts of Customer-Side Distributed Resource at Yale New Haven/Lawrence + Memorial Hospital, New London, Connecticut

Dear Ladies and Gentlemen:

Pursuant to Section §16-50j-40 of the Connecticut Siting Council's (the "Council") regulations, we are notifying you that Bloom Energy intends to file, on or about February 1, 2021, a petition for declaratory ruling with the Council. The petition will request the Council's approval of the location and construction of a 1750-kilowatt fuel cell installation and associated equipment. The Facility will be located at Yale New Haven/Lawrence + Memorial Hospital at 365 Montauk Avenue and 412 Ocean Avenue in New London, Connecticut (the "Site").

The purpose of the proposed Facility is to replace a portion of Lawrence + Memorial Hospital's annual load with a renewable energy source¹ and improve reliability of electrical systems and equipment. Electricity generated by the Facility will be consumed primarily at the Site, and any excess electricity will be exported to the electric grid. The Facility will be fueled by natural gas.

Keeping the lines of communication open is an important part of our work in your community. If you have questions about this work, please contact the undersigned or the Council.

Respectfully,

Justin Adams
justin.adams@bloomenergy.com



¹Connecticut General Statutes §16-1(a)(26)(A) identifies fuel cells as a "Class I renewable energy source".

ABUTTING PROPERTY OWNERS




Parcel ID	Property Address	Owner Name	Mailing Address	Town	State	Zip
E19-71-1	365 Montauk Avenue	Lawrence & Memorial Hospital Inc., c/o Financial Services Dept.	365 Montauk Ave.	New London	CT	06320
E19-71-12	412 Ocean Avenue	Lawrence & Memorial Hospital Inc., c/o Financial Services Dept.	365 Montauk Ave.	New London	CT	06320
E18-75-24	81 Faire Harbour Place	CT Shore Line Rentals	12 Spithead Rd.	Waterford	CT	06385
E18-75-23	75 Faire Harbour Place	John H Turner	75 Faire Harbour Pl.	New London	CT	06320
E18-75-22	69 Faire Harbour Place	Mark L + Britt G Barry	69 Faire Harbour Pl.	New London	CT	06320
E18-75-21	67 Faire Harbour Place	Chaz Doyle	67 Faire Harbour Pl.	New London	CT	06320
E18-75-20	63 Faire Harbour Place	Logan G Kydd Jr	63 Faire Harbour Pl.	New London	CT	06320
E18-75-19	59 Faire Harbour Place	Faire Harbour Place LLC	59 Faire Harbour Pl.	New London	CT	06320
E18-75-18	57 Faire Harbour Place	57 Faire Harbour LLC	57 Faire Harbour Pl.	New London	CT	06320
E18-75-17	41 Faire Harbour Place	Awwa Bassam	Lyme St.	Old Lyme	CT	06371
E18-75-16	27 Faire Harbour Place	Awwa Bassam	41 Faire Harbour Pl.	New London	CT	06320
E18-75-15	341 Montauk Avenue	Courtright Realty LLC	85 Poheganut Dr., Ste 3	Groton	CT	06340
E18-75-29	Faire Harbour Place	City of New London - FAI	181 State St.	New London	CT	06320
E18-71-10	345 Montauk Avenue	345 Montauk Avenue LLC	345 Montauk Ave.	New London	CT	06320
F18-70-34	342 Montauk Avenue	Robert M Spitz	342 Montauk Ave.	New London	CT	06320
E18-70-33	348 Montauk Avenue	Cortex Group LLC	350 Montauk Ave.	New London	CT	06320
F18-70-32	358 Montauk Avenue	Martin + Irma Grebel	21 Kingsbridge Way	Madison	CT	06443
F18-70-31	Montauk Avenue	Lawrence & Memorial Hospital Inc., c/o Financial Services Dept.	365 Montauk Ave.	New LondonE38D2E21:E36	CT	06320
F19-69-33	43 Converse Place	L&M Hospital RNS #5049 Union + L&M Hospital LPN/Tech Empl #5051 Union	43 Converse Pl.	New London	CT	06320
F19-67-11	432 Montauk Avenue	City of New London, Board of Education, Harbor School	181 State St.	New London	CT	06320
F19-71-14	415 Montauk Avenue	David M Gibson	415 Montauk Ave.	New London	CT	06320
F19-71-20	77 School Street	William Tryon Trustee + Linda a/a Lenda Tryon	77 School St.	New London	CT	06320
F19-71-21	79 School Street	Wenqiao Wang + Huan Zhang	79 School St.	New London	CT	06320
F19-71-22	91 School Street	Johnny L Cruz + Kneocia R Henton	91 School St.	New London	CT	06320
F19-71-23	97 School Street	Integrity Properties Group LLC	40 Route 148	Killingworth	CT	06419
F19-71-24	105 School Street	Yolanda S Evangelista	105 School St.	New London	CT	06320
F19-71-28	440 Ocean Avenue	7-Eleven Inc	3200 Hackberry Rd.	Irving	TX	75063
F19-71-29	440R Ocean Avenue	7-Eleven Inc	3200 Hackberry Rd.	Irving	TX	75063
E20-54-20	7 Ray Street	Lawrence & Memorial Hospital Inc., c/o Financial Services Dept.	365 Montauk Ave.	New London	CT	06320
E19-72-96	415 Ocean Avenue	415 Ocean Avenue Building LLC	415 Ocean Ave.	New London	CT	06320
E19-72-95	409 Ocean Avenue	Paul W Silverio	409 Ocean Ave.	New London	CT	06320
E19-73-19	397 Ocean Avenue	399 Ocean Ave LLC	399 Ocean Ave.	New London	CT	06320
E19-73-18	395 Ocean Avenue	Richard Emond + Margaret E Vonkleist	395 Ocean Ave.	New London	CT	06320
E19-73-17	393 Ocean Avenue	Vibha G Gautam	115 Cove Rd.	Lyme	CT	06371
E19-73-15	391 Ocean Avenue	Ahmad Kabny & Halima Issa	391 Ocean Ave.	New London	CT	06320
E19-74-17	371 Ocean Avenue	Erin M Reemsnyder & Bonnie Reemsnyder	371 Ocean Ave.	New London	CT	06320
E19-74-16	369 Ocean Avenue	CDP Properties LLC	61 West Main St.	Mystic	CT	06355
E19-74-15	367 Ocean Avenue	Brian P Haley	367 Ocean Ave.	New London	CT	06320
E19-74-14	361 Ocean Avenue	Soho Holding Company LLC	PO Box 190	Colchester	CT	06415
E18-72-54	351 Ocean Avenue	Julian M Rivera	351 Ocean Ave.	New London	CT	06320
E18-72-53	353 Ocean Avenue	Elizabeth Padilla	353 Ocean Ave.	New London	CT	06320
E18-72-52	349 Ocean Avenue	Ian + Diana Edmond	349 Ocean Ave.	New London	CT	06320
E18-72-50	335 Ocean Avenue	Sean S Murnane	335 Ocean Ave.	New London	CT	06320
None assigned	None assigned	National Railroad Passenger Corp.	400 N Capitol St. NW	Washington	DC	20001

OFFICIALS

Name	Title	Mailing Address	Town	State	Zip
William Tong	Attorney General	55 Elm St.	Hartford	CT	06106
Katie Dykes	Commissioner, Dept. of Energy and Environmental Protection	79 Elm St.	Hartford	CT	06106-5127
Marissa Paslick Gillett	Chairman, Public Utilities Regulatory Authority	10 Franklin Square	New Britain	CT	06051
Deidre S. Gifford, MD, MPH	Acting Commissioner, Dept. of Public Health	410 Capitol Ave.	Hartford	CT	06134
Susan D. Merrow	Chair, Council on Environmental Quality	79 Elm St.	Hartford	CT	06106
Bryan P. Hurlburt	Commissioner, Dept. of Agriculture	450 Columbus Blvd., Suite 701	Hartford	CT	06103
Melissa McCaw	Secretary, Office of Policy and Management	450 Capitol Ave.	Hartford	CT	06106
Joseph Giulietti	Commissioner, Dept. of Transportation	2800 Berlin Turnpike	Newington	CT	06111
David Lehman	Commissioner, Dept. of Economic and Community Development	450 Columbus Blvd.	Hartford	CT	06103
Regina Rush-Kittle	Deputy Commissioner, Dept. of Emergency Management and Homeland Security	1111 Country Club Rd.	Middletown	CT	06457
Michelle H. Seagull	Commissioner, Dept. of Consumer Protection	450 Columbus Blvd., Suite 901	Hartford	CT	06103
Josh Geballe	Commissioner, Dept. of Administrative Services	450 Columbus Blvd.	Hartford	CT	06103
Kurt Westby	Commissioner, Dept. of Labor	200 Folly Brook Blvd.	Wethersfield	CT	06109
Richard Blumenthal	Senator	702 Hart Senate Office Building	Washington	DC	20510
Chris Murphy	Senator	840A Dirksen Senate Office Building	Washington	DC	20510
Joe Courtney	U.S. Representative	2449 Rayburn House Office Building	Washington	DC	20515
Paul M. Formica	State Senator, 20th District	Legislative Office Building, Room 3400	Hartford	CT	06106
Anthony L. Nolan	Representative, 39th District	Legislative Office Building, Room 4043	Hartford	CT	06106-1591
Michael Passero	Southeastern Connecticut Council of Governments	5 Connecticut Ave.	Norwich	CT	06360
Felix J. Reyes	Mayor, City of New London	181 State St.	New London	CT	06320
Barry M. Levine	Director of Development and Planning	181 State St., 2nd Floor	New London	CT	06320
Bob Stuller	Chairman, Planning & Zoning Commission	181 State St., 2nd Floor	New London	CT	06320
Robert J. Brule	Chairman, Inland Wetlands / Conservation Commission	181 State St., 2nd Floor	New London	CT	06320
Abby Piersalli, AICP	Zoning Board of Appeals	15 Rope Ferry Rd.	Waterford	CT	06385-2886
Joe Bunkley	First Selectman, Town of Waterford	15 Rope Ferry Rd.	Waterford	CT	06385-2886
Richard Muckle	Planning Director	15 Rope Ferry Rd.	Waterford	CT	06385-2886
Joshua A. Friedman	Chair, Planning & Zoning Commission	15 Rope Ferry Rd.	Waterford	CT	06385-2886
	Chair, Conservation Commission	15 Rope Ferry Rd.	Waterford	CT	06385-2886
	Chair, Zoning Board of Appeals	15 Rope Ferry Rd.	Waterford	CT	06385-2886



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<p>Name and Address of Sender</p> <p>Justin Adams c/o All-Points Technology Corp., P.C. 567 Vauxhall St. Ext., Suite 311 Waterford, CT 06385</p>	<p>TOTAL NO. of Pieces Listed by Sender</p> <p>69</p>	<p>TOTAL NO. of Pieces Received at Post Office™</p>	 <p>0000</p> <p>U.S. POSTAGE PAID WESTERLY, RI 02891 JAN 27, 21 AMOUNT \$21.56 R2305H129979-02</p>
<p>1. USPS® Tracking Number Firm-specific Identifier</p>		<p>Postmaster, per (name of receiving employee)</p> 	 <p>0000</p> <p>U.S. POSTAGE PAID WESTERLY, RI 02891 JAN 27, 21 AMOUNT \$8.80 R2305H129979-02</p>
<p>2. Address (Name, Street, City, State, and ZIP Code™)</p> <p>Hon. William Tong Attorney General 55 Elm St. Hartford, CT 06106</p>			
<p>3. Address (Name, Street, City, State, and ZIP Code™)</p> <p>Katie Dykes, Commissioner Department of Energy and Environmental Protection 79 Elm St. Hartford, CT 06106-5127</p> <p>Marissa Paslick Gillett, Chairman Public Utilities Regulatory Authority 10 Franklin Square New Britain, CT 06051</p> <p>Deidre S. Gifford, MD, MPH Acting Commissioner Department of Public Health 410 Capitol Ave. Hartford, CT 06134</p> <p>Susan D. Merrow, Chair Council on Environmental Quality 79 Elm St. Hartford, CT 06106</p>			
<p>4. Address (Name, Street, City, State, and ZIP Code™)</p> <p>Bryan P. Hurlburt, Commissioner Department of Agriculture 450 Columbus Blvd., Suite 701 Hartford, CT 06103</p>			




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USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee
1.	Melissa McCaw, Secretary Office of Policy and Management 450 Capitol Ave. Hartford, CT 06106		
2.	Joseph Giulietti, Commissioner Department of Transportation 2800 Berlin Turnpike Newington, CT 06111		
3.	David Lehman, Commissioner Department of Economic and Community Development 450 Columbus Blvd. Hartford, CT 06103		
4.	Regina Rush-Kittle, Dep. Comm'r. Division of Emergency Management and Homeland Security 1111 Country Club Rd. Middletown, CT		
5.	Michelle H. Seagull, Commissioner Department of Consumer Protection 450 Columbus Blvd., Suite 901 Hartford, CT 06103		
6.	Josh Geballe, Commissioner Department of Administrative Services 450 Columbus Blvd. Hartford, CT 06103		



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1.	Kurt Westby, Commissioner Department of Labor 200 Folly Brook Blvd. Wethersfield, CT 06109							
2.	Hon. Richard Blumenthal Senator 702 Hart Senate Office Building Washington, DC 20510							
3.	Hon. Chris Murphy Senator B40A Dirksen Senate Office Building Washington, DC 20510							
4.	Hon. Joe Courtney U.S. Representative 2449 Rayburn House Office Building Washington, DC 20515							
5.	Hon. Paul M. Formica State Senator, 20th District Legislative Office Building, Room 3400 Hartford, CT 06106							
6.	Hon. Anthony L. Nolan Representative, 39th District Legislative Office Building, Room 4043 Hartford, CT 06106-1591							




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<p>USPS® Tracking Number Firm-specific Identifier</p>			
1.	Southeastern Connecticut Council of Governments 5 Connecticut Ave. Norwich, CT 06360		
2.	Hon. Michael Passero Mayor, City of New London 181 State St. New London, CT 06320		
3.	Felix J. Reyes Director of Development and Planning 181 State St. New London, CT 06320		
4.	Barry M. Levine, Chairman Planning and Zoning Commission 181 State St., 2nd Floor New London, CT 06320		
5.	Bob Stuller, Chairman Inland Wetlands/Conservation Commission 181 State St., 2nd Floor New London, CT 06320		
6.	Zoning Board of Appeals 181 State St., 2nd Floor New London, CT 06320		






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USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)			Postage	Fee
1.	Hon. Robert J. Brule, First Selectman Town of Waterford 15 Rope Ferry Rd. Waterford, CT 06385				
2.	Abby Piersall, AICP Planning Director 15 Rope Ferry Rd. Waterford, CT 06385				
3.	Joe Bunkley, Chair Planning & Zoning Commission 15 Rope Ferry Rd. Waterford, CT 06385				
4.	Richard Muckle, Chair Conservation Commission 15 Rope Ferry Rd. Waterford, CT 06385				
5.	Joshua A. Friedman, Chair Zoning Board of Appeals 15 Rope Ferry Rd. Waterford, CT 06385				
6.					




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1.				Mark L + Britt G Barry 69 Faire Harbour Pl. New London, CT 06320				
2.				Faire Harbour Place LLC 59 Faire Harbour Pl. New London, CT 06320				
3.				Awwa Bassam 41 Faire Harbour Pl. New London, CT 06320				
4.				345 Montauk Avenue LLC 345 Montauk Ave. New London, CT 06320				
5.				Martin + Irma Grebel 21 Kingsbridge Way Madison, CT 06443				
6.				David M Gibson 415 Montauk Ave. New London, CT 06320				




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USPS® Tracking Number Firm-specific Identifier	Address		Postage	Fee	Special Handling	Parcel Airlift
1.			Johnny L Cruz + Kneocia R Henton 91 School St. New London, CT 06320			
2.			7-Eleven Inc 3200 Hackberry Rd. Irving, TX 75063			
3.			399 Ocean Ave LLC 399 Ocean Ave. New London, CT 06320			
4.			CT Shore Line Rentals 12 Spithead Rd. Waterford, CT 06385			
5.			Chaz Doyle 67 Faire Harbour Pl. New London CT 06320			
6.			57 Faire Harbour LLC 57 Faire Harbour Pl. New London, CT 06320			

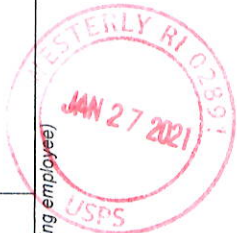


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----- USPS® Tracking Number Firm-specific Identifier	Address		Postage	Fee	Special Handling	Parcel Airlift
1.	Courtright Realty LLC 85 Poheganut Dr., Ste 3 Groton, CT 06340					
2.	Robert M Spitz 342 Montauk Ave. New London, CT 06320					
3.	L&M Hospital RNS #5049 Union + L&M Hospital LPN/Tech Empl #5051 Union 43 Converse Pl. New London, CT 06320					
4.	William Tryon Trustee + Linda a/a Lenda Tryon 77 School St. New London, CT 06320					
5.	Integrity Properties Group LLC 40 Route 148 Killingworth, CT 06419					
6.	415 Ocean Avenue Building LLC 415 Ocean Ave. New London, CT 06320					




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USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)						
1.	Richard Ermond + Margaret E Vonkleist 395 Ocean Ave. New London, CT 06320						
2.	John H Turner 75 Faire Harbour Pl. New London, CT 06320						
3.	Logan G Kydd Jr 63 Faire Harbour Pl. New London, CT 06320						
4.	Awwa Bassam Lyme St. Old Lyme, CT 06371						
5.	City of New London - FAI 181 State St. New London, CT 06320						
6.	Cortex Group LLC 350 Montauk Ave. New London, CT 06320						




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<p>USPS® Tracking Number Firm-specific Identifier</p>	Address		Postage	Fee	Special Handling	Parcel Airlift
1.	City of New London, Board of Education, Harbor School 181 State St. New London, CT 06320					
2.	Wenqiao Wang + Huan Zhang 79 School St. New London, CT 06320					
3.	Yolanda S Evangelista 105 School St. New London, CT 06320					
4.	Paul W Silverio 409 Ocean Ave. New London, CT 06320					
5.	Vibha G Gautam 115 Cove Rd. Lyme, CT 06371					
6.	Brian P Haley 367 Ocean Ave. New London, CT 06320					



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Justin Adams c/o All-Points Technology Corp., P.C. 567 Vauxhall St. Ext., Suite 311 Waterford, CT 06385							
USPS® Tracking Number Firm-specific Identifier							
1.	Elizabeth Padilla 353 Ocean Ave. New London, CT 06320						
2.	Soho Holding Company LLC PO Box 190 Colchester, CT 06415						
3.							
4.	Ian + Diana Edmond 349 Ocean Ave. New London, CT 06320						
5.	Lawrence & Memorial Hospital Inc. c/o Financial Services Dept. 365 Montauk Ave. New London, CT 06320						
6.							



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USPS® Tracking Number Firm-specific Identifier							
1.	National Railroad Passenger Corp. 400 N. Capitol St. NW Washington, DC 20001						
2.	Julian M Rivera 351 Ocean Ave. New London, CT 06320						
3.	Sean S Murnane 335 Ocean Ave. New London, CT 06320						
4.	Ahmad Kabny & Halima Issa 391 Ocean Ave. New London, CT 06320						
5.	Erin M Reemsnyder & Bonnie Reemsnyder 371 Ocean Ave. New London, CT 06320						
6.	CDP Properties LLC 61 West Main St. Mystic, CT 06355						

Exhibit 9

From: [Jennifer Young Gaudet](mailto:pzw@newlondonct.org)
To: "pzw@newlondonct.org"
Subject: Proposed Bloom Energy fuel cell - Lawrence & Memorial Hospital
Date: Wednesday, December 23, 2020 11:44:00 AM
Attachments: [image001.png](#)
[Bloom Energy - fuel cell plans - Yale L&M.pdf](#)

Dear Mr. Reyes:

I am writing on behalf of Bloom Energy in connection with a planned fuel cell installation at Lawrence & Memorial Hospital. Attached are plans depicting the proposed installation, which will consist of energy servers and associated equipment and be fueled by natural gas. As shown, the facility will be on the western side of the hospital property, off of Ocean Avenue.

Bloom will be submitting a petition to the Connecticut Siting Council for approval. In preparation for the filing, we are seeking any comments you or other appropriate City departments may have on the proposed plans.

I am available to discuss the plans or answer any questions you may have. I can be reached by phone at 860 798-7454 or by e-mail. Please note that our office will be closed for a holiday break from December 25, 2020 to January 4, 2021.

Thank you.



JENNIFER YOUNG GAUDET

Program Manager

D! 860.581.4478 • **M**! 860.798.7454 • **W**!

www.allpointstech.com

567 Vauxhall Street Extension – Suite 311, Waterford, CT 06385

From: [Jennifer Young Gaudet](mailto:Jennifer.Young.Gaudet@newlondonct.org)
To: "mscovish@newlondonct.org"
Subject: FW: Proposed Bloom Energy fuel cell - Lawrence & Memorial Hospital
Date: Thursday, January 28, 2021 10:29:00 AM
Attachments: [image001.png](#)
[Bloom Energy - L+M Fuel Cell Plans.pdf](#)

Good morning Michelle,

As follow-up to my conversation this morning with Shelly, I am forwarding you the email I sent previously, along with plans for the proposed fuel cell installation at Lawrence + Memorial Hospital. It appears that the earlier email was not received, perhaps because the plans available at that time were too large.

Bloom anticipates filing their petition with the Connecticut Siting Council on Monday, February 1, 2021. I am available to discuss any questions you may have either before or after the petition is filed.

Thank you.

JENNIFER YOUNG GAUDET
PROGRAM MANAGER

M: 860.798.7454

All-Points Technology Corporation

From: Jennifer Young Gaudet
Sent: Wednesday, December 23, 2020 11:45 AM
To: 'pzw@newlondonct.org' <pzw@newlondonct.org>
Subject: Proposed Bloom Energy fuel cell - Lawrence & Memorial Hospital

Dear Mr. Reyes:

I am writing on behalf of Bloom Energy in connection with a planned fuel cell installation at Lawrence & Memorial Hospital. Attached are plans depicting the proposed installation, which will consist of energy servers and associated equipment and be fueled by natural gas. As shown, the facility will be on the western side of the hospital property, off of Ocean Avenue.

Bloom will be submitting a petition to the Connecticut Siting Council for approval. In preparation for the filing, we are seeking any comments you or other appropriate City departments may have on the proposed plans.

I am available to discuss the plans or answer any questions you may have. I can be reached by phone at 860 798-7454 or by e-mail. Please note that our office will be closed for a holiday break from December 25, 2020 to January 4, 2021.

Thank you.



JENNIFER YOUNG GAUDET

Program Manager

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