

# What Powers You

March 17, 2023

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 350-Kilowatt Fuel Cell Customer-Side Distributed Resource at Naugatuck Valley Community College, 750 Chase Parkway, Waterbury, Connecticut**

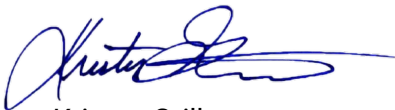
Dear Attorney Bachman:

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 350-kilowatt fuel cell and associated equipment at Naugatuck Valley Community College ("NVCC") in Waterbury, Connecticut (the "Facility"). The Facility will be installed at 750 Chase Parkway within the NVCC campus. Electricity generated by the Facility will benefit NVCC's operation, 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 (917) 803-4511.

Sincerely,  
Bloom Energy



Kristen Grillo  
[kristen.grillo@bloomenergy.com](mailto:kristen.grillo@bloomenergy.com)  
(917) 803-4511



Bloom Energy Corporation  
4353 North First Street, San Jose, CA 95134  
408 543 1500  
[www.bloomenergy.com](http://www.bloomenergy.com)

**STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL**

PETITION OF BLOOM ENERGY CORPORATION : PETITION NO. \_\_\_\_  
FOR A DECLARATORY RULING FOR THE :  
LOCATION AND CONSTRUCTION OF A 350- :  
KILOWATT FUEL CELL CUSTOMER-SIDE :  
DISTRIBUTED RESOURCE AT NAUGATUCK :  
VALLEY COMMUNITY COLLEGE, :  
WATERBURY, CT : MARCH 17, 2023

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 Naugatuck Valley Community College (“NVCC”), 750 Chase Parkway, Waterbury, Connecticut (the “Site”). Bloom will install a fuel cell consisting of two (2) ES-5 Bloom Energy Server solid oxide fuel cells and associated equipment (the “Facility”) that will provide a total of 350 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 20-year power purchase agreement with the Connecticut State Colleges & Universities (“CSCU”) owned by a third-party financing source. The Facility 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 Protection....

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 Protection (“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:

Kristen Grillo  
Bloom Energy Corporation  
4353 North First Street  
San Jose, CA 95134  
Telephone: (917) 803-4511  
Fax: (408) 543-1501  
Email: [Kristen.Grillo@bloomenergy.com](mailto:Kristen.Grillo@bloomenergy.com)

George Gaydos  
Bloom Energy Corporation  
4353 North First Street  
San Jose, CA 95134  
Telephone: (610) 742-8792  
Fax: (408) 543-1501  
Email: [George.Gaydos@bloomenergy.com](mailto:George.Gaydos@bloomenergy.com)

## III. DISCUSSION

### A. The Facility

The Facility will be a 350-kW customer-side distributed resource consisting of two (2) Bloom solid oxide fuel cell Energy Servers, one (1) model ES5-MATAAN (150 kW) and one (1) model ES5-2000US0401S-NASK10-0 (200 kW), and associated equipment. As shown on Exhibits 2 and 3, the fuel cell and associated equipment (utility cabinets, water deionizers, telemetry cabinets, and disconnect switches) will be installed adjacent to the parking lot for the Public Safety and Facilities offices, at the rear of the Max R. Traurig Library in the southern

portion of the Site.<sup>1</sup> A new paved equipment area will be installed south of the parking lot in an area that also contains utility and mechanical infrastructure.

Connections to existing electric, communication, and water utilities will extend underground from the equipment area to an entry point at the Student Center portion of the shared library/student center/public safety and facilities building, and from there to points within the building. The Facility will be fueled by natural gas supplied by Connecticut Natural Gas. Exhibits 1 and 2 depict the Facility location; Exhibit 3 contains plans; Exhibit 4 contains photographs and equipment specifications.

Bloom has sized the system at 350 kW based on consultation with NVCC's representatives and analysis of NVCC's operational needs. The Facility will replace a portion of the average baseload of the Site with a Class I renewable energy source and improve reliability of electrical systems and equipment. The Facility has been sized to provide at least 39% of NVCC's average annual baseload. Exhibit 4. Electricity generated by the Facility will be consumed primarily at the Site and any excess electricity will be exported to the grid.

The operational life of the Facility is for the life of the 20-year contract with CSCU. At the conclusion of the 20-year contract, CSCU 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 anticipated to be filed with Eversource in late March, 2023; approval is anticipated in the third quarter of 2023.

## **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

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<sup>1</sup> The campus consists of two parcels identified as 750 Chase Parkway and one parcel identified as 1460 West Main Street.

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. Bloom will provide City of Waterbury (“City”) Fire Department personnel and NVCC’s operations/emergency personnel with an Emergency Response Plan and will offer to provide training. Exhibit 6.

The Facility will be installed in accordance with NFPA 853.<sup>2</sup> 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 16-50ii<sup>3</sup>.

### **C. Existing and Proposed Environment**

#### **i. The Site**

The Site is an approximately 110-acre parcel located in the western part of the City north of Interstate 84 and Chase Parkway. Together with an abutting property, the Site is developed with multiple buildings, roadways and parking lots that comprise NVCC. The portion of the Site where the fuel cell equipment will be installed is zoned CO – Commercial Office; other portions of the Site to the west and north are within the RS-12, Large Lot Single Family Residential zoning district.

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<sup>2</sup> Standard for the Installation of Stationary Fuel Cell Power Systems, 2015 Edition

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

The surrounding area contains a mix of residential and commercial properties, with residential development predominating to the north and west and commercial property along Chase Parkway to the south. A municipal golf course is to the northwest.

The fuel cell installation will be located in the eastern portion of the Site south of a paved driveway and parking area. The Facility is designed to take advantage of existing infrastructure, with little or no impact on the building. The parking area is small and appears to be dedicated to NVCC safety and facilities vehicles and equipment. No effect on traffic patterns or Site logistics is anticipated. Pathways south of the utility and mechanical installations provide access to landscaped and garden areas; access will not be affected, although some restrictions on access may be necessary during construction of the Facility.

ii. Wildlife and Habitat

Based on a review of the publicly available Connecticut Department of Energy and Environmental Protection (DEEP) Natural Diversity Database (NDDB) December 2022 data, the proposed Facility is not within an NDDB area, an identified location of endangered, threatened and special concern species or significant natural community. Exhibit 5. Therefore, no consultation with DEEP NDDB is required.

The Site and the immediate surrounding vicinity are heavily developed with buildings and paved surfaces. The addition of the Facility within a limited area adjacent to paved surfaces and a large building will have no effect on wildlife habitat.

iii. Wetlands and Watercourses

Wetlands are identified on DEEP state wetland mapping as extending into the northern portion of the Site. The mapped wetlands are in a wooded area of the Site not developed for NVCC use, and approximately 975 feet north of the proposed Facility, with roadways and structures intervening. Given the distance, there would not be any direct or indirect effect on the

mapped wetland or watercourse resources. 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 the 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. A 100-year flood zone is south of the Facility location, within the area that contains paths, landscaping and gardens.

The Site was also reviewed for proximity to Aquifer Protection Areas. According to GIS data provided by DEEP, the Facility is approximately 4.5 miles northwest of the nearest Aquifer Protection Area.

v. Cultural Resources

The Site, including the Facility location, has been previously developed and disturbed. Construction and operation of the Facility is therefore not expected to have an 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 192-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.<sup>4</sup> 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) program<sup>5</sup>, 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<sub>x</sub>, SO<sub>x</sub>, CO, and VOCs from the energy production process. Similarly, there are no CH<sub>4</sub>, SF<sub>6</sub>, HFC or PFC emissions.

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

<sup>5</sup> Sec. 16-244t



**Table 1: Connecticut Thresholds for Greenhouse Gases**

<b>Emission Type</b>	<b>Bloom Output</b>	<b>LREC allowance</b>
Nitrous Oxides (NOx)	<0.01 lbs/MWh	0.07 lbs/MWh
Carbon Monoxide (CO)	<0.05 lbs/MWh	0.10 lbs/MWh
Sulfur Oxides (SOx)	Negligible	Not Listed
Volatile Organic Compounds (VOCs)	<0.02 lbs/MWh	0.02 lbs/MWh
Carbon Dioxide (CO2) <sup>6</sup>	679-833 lbs/MWh	Not Listed

The proposed Facility will ultimately displace less efficient fossil fueled marginal generation on the ISO New England system. Based upon the most recent US Environmental Protection Agency (EPA) “eGrid” data (2020), the proposed Facility is expected to reduce carbon emissions by approximately 13.6% while essentially eliminating local air pollutants like NOx and SOx.

The City’s Plan of Conservation and Development 2015-2025 does not address energy usage or development of renewable energy sources. The City’s Zoning Regulations, revised to August 10, 2021 include among their goals to “[e]ncourage energy-efficient patterns of development and the use of solar and other renewable forms of energy.”

iii. Sound Levels

The Facility will comply with both State of Connecticut and City regulations for the control of noise.

Bloom retained Veneklasen Associates to evaluate the impact of noise from the proposed Facility on nearby sensitive noise receptors, identified as several properties south and northeast of the proposed Facility. *See Exhibit 7, Veneklasen Associates Property Line Noise Analysis (“Report”)*. As indicated in the Report, calculated noise levels at nearby receptors are within the limits established by the City. They are also within the limits of State regulations.

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

Bloom typically performs project construction Monday through Friday, 7:00 a.m. to 5:00 p.m.

iv. Visual Effects

The visual effect of the Facility will be limited to portions of the Site. The Facility will be installed in an area that includes utility and mechanical infrastructure. The Student Center/Library building and adjacent academic building will block views from the north and east. The Facility is likely to be visible, along with existing utility and mechanical infrastructure, from some pathways south the Facility. Mature vegetation will minimize views from other pathways as well as campus roadways and parking lots. The incremental visual effect of the Facility is anticipated to be minimal.

**E. Project Construction and Maintenance**

Bloom anticipates construction to start in the second quarter of 2024 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. 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 Server, 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. Robert Nerney, Director of Planning and Economic Development for the City, by email on February 27, 2023 and provided plans for the

proposed Facility for review and comment. Ms. Brown stated that, as State property, NVCC is exempt from local zoning. After inquiries about jurisdiction over wetlands, Mr. Nerney indicated that he and Ms. Brown would visit the proposed Facility location. No additional comments have been received. *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.

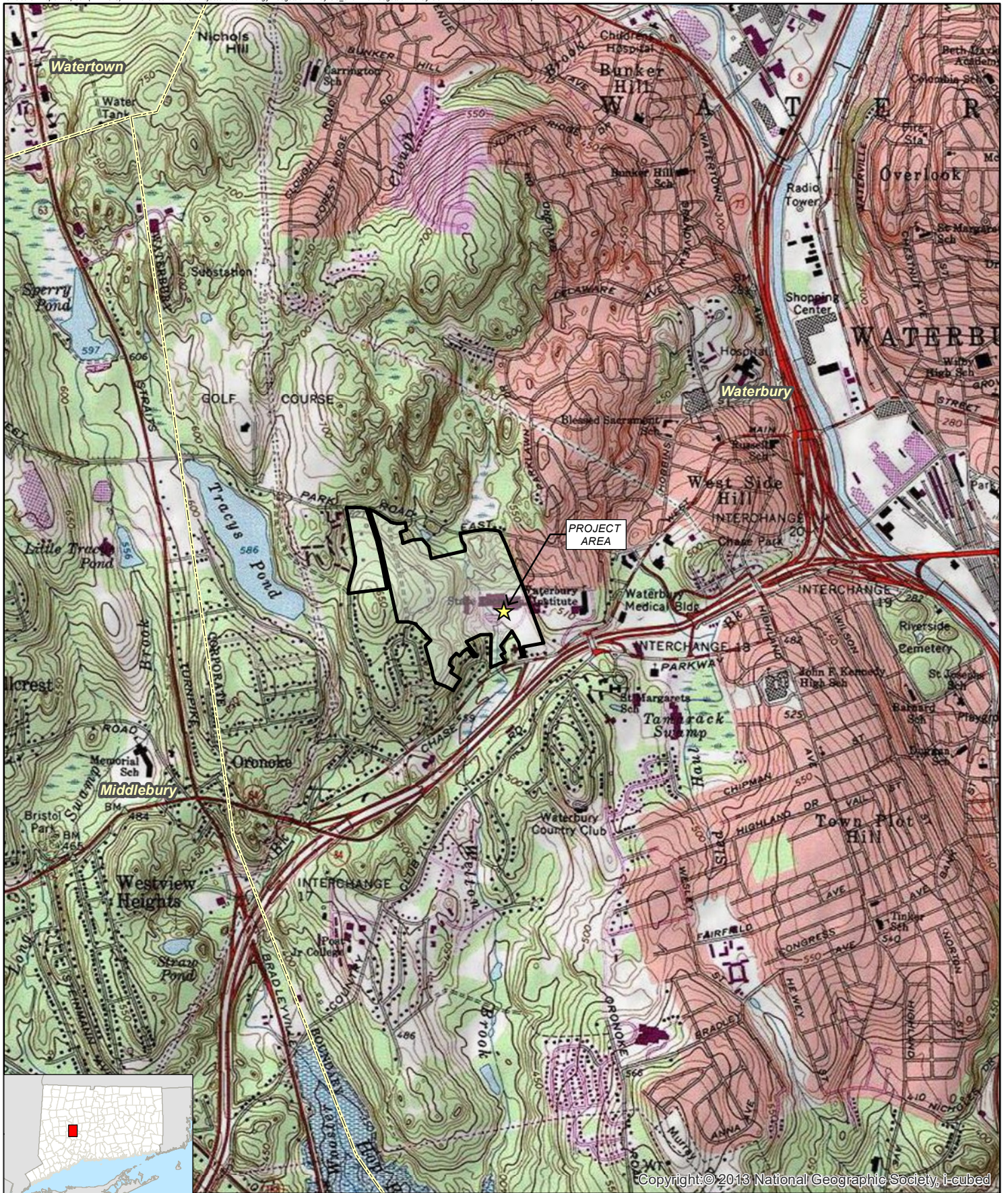
Respectfully submitted,

Bloom Energy Corporation

By: 

Kristen Grillo  
Bloom Energy Corporation  
4353 North First Street  
San Jose, CA 95134  
Telephone: (917) 803-4511  
Email: [kristen.grillo@bloomenergy.com](mailto:kristen.grillo@bloomenergy.com)

# Exhibit 1

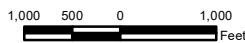


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**Legend**

- ★ Project Area
- Site
- ▭ Municipal Boundary (CTDEEP)

**Map Notes:**  
 Base Map Source: USGS 7.5 Minute  
 Topographic Quadrangle Map: Waterbury, CT (1984)  
 Map Scale: 1:24,000  
 Map Date: March 2023





**Exhibit 1  
 Site Location Map**

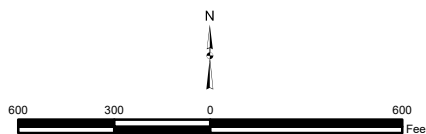
Proposed Bloom Energy Facility  
 Naugatuck Valley Community College  
 750 Chase Parkway  
 Waterbury, Connecticut





- Legend**
-  Naugatuck Valley Community College
  -  Approximate Parcel Boundary

**Map Notes:**  
 Base Map Source: 2019 CTECO Aerial Imagery  
 Map Scale: 1 inch = 600 feet  
 Map Date: March 2023



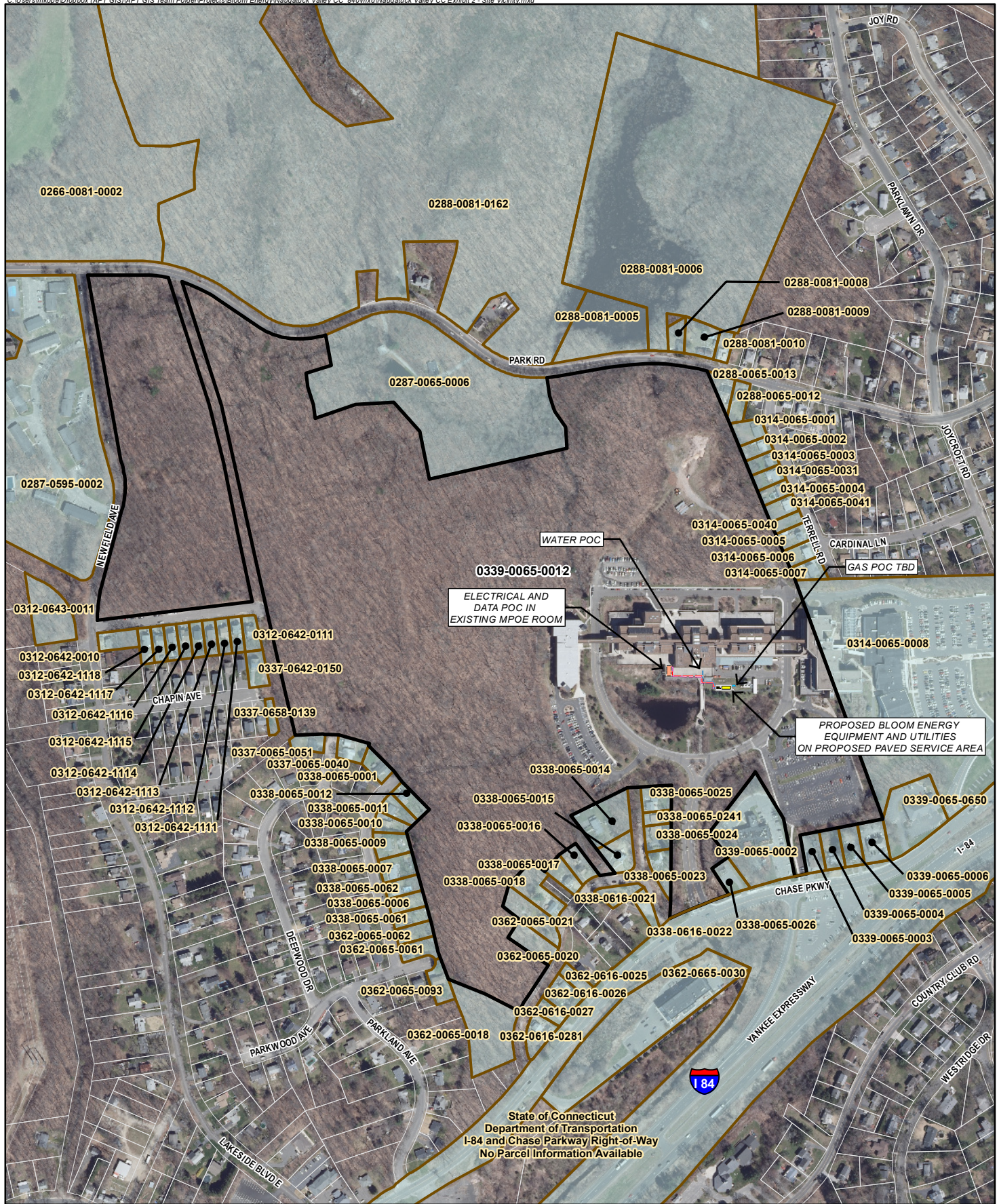
**Exhibit 1A  
 Overview Map**

Proposed Bloom Energy Facility  
 Naugatuck Valley Community College  
 750 Chase Parkway  
 Waterbury, Connecticut



## Exhibit 2





- Legend**
- Proposed Bloom Energy Equipment
  - Proposed Electrical Service
  - Proposed Gas Service
  - Proposed Water Service
  - Proposed Data Service
  - Proposed Service area
  - Existing MPOE Room
  - Site
  - Abutting Property
  - Approximate Parcel Boundary

**Map Notes:**  
 Base Map Source: 2019 CTECO Aerial Imagery  
 Map Scale: 1 inch = 500 feet  
 Map Date: March 2023

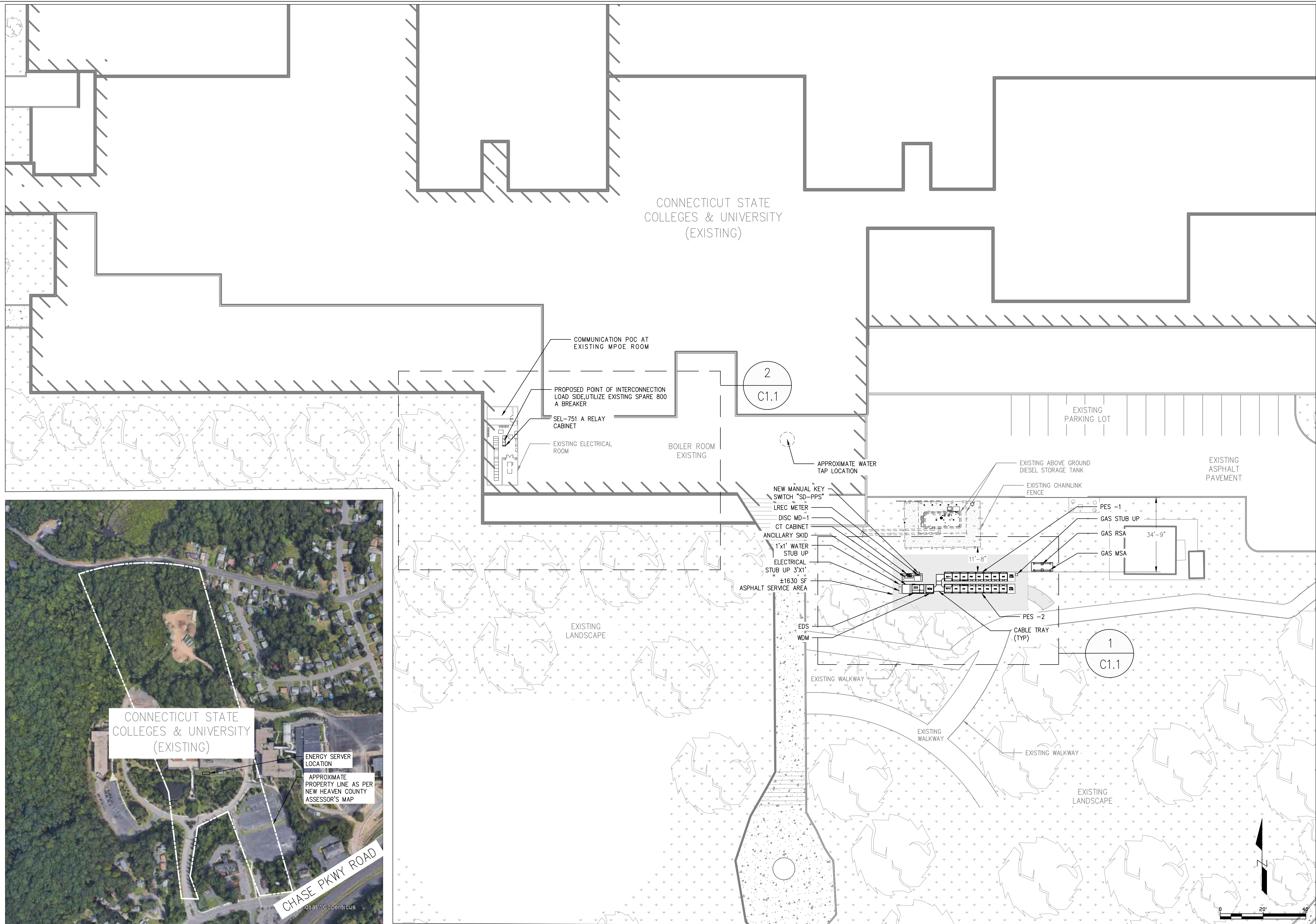


## Exhibit 2 Site Vicinity

Proposed Bloom Energy Facility  
 Naugatuck Valley Community College  
 750 Chase Parkway  
 Waterbury, Connecticut



## Exhibit 3



KEY PLAN

SCALE: NTS

1  
G1.1

GENERAL SITE PLAN

SCALE: 1" = 20'

2  
G1.1

SITE REFERENCE NOTE:  
 EXISTING SITE CONDITIONS TAKEN FROM BING MAPS

CUSTOMER SITE

CONNECTICUT STATE COLLEGES & UNIVERSITIES  
 750 CHASE PKWY  
 WATER BURY, CT 06708



RELEASE HISTORY

REV	ISSUE PURPOSE	DATE
-	INITIAL RELEASE	02/14/2023

DESIGNED BY SCOTT BARD	REVIEWED BY KATE TAYLOR
DRAWN BY SHIVANAND ANNIGERI	

SHEET TITLE

GENERAL SITE PLAN

DRAWING NUMBER

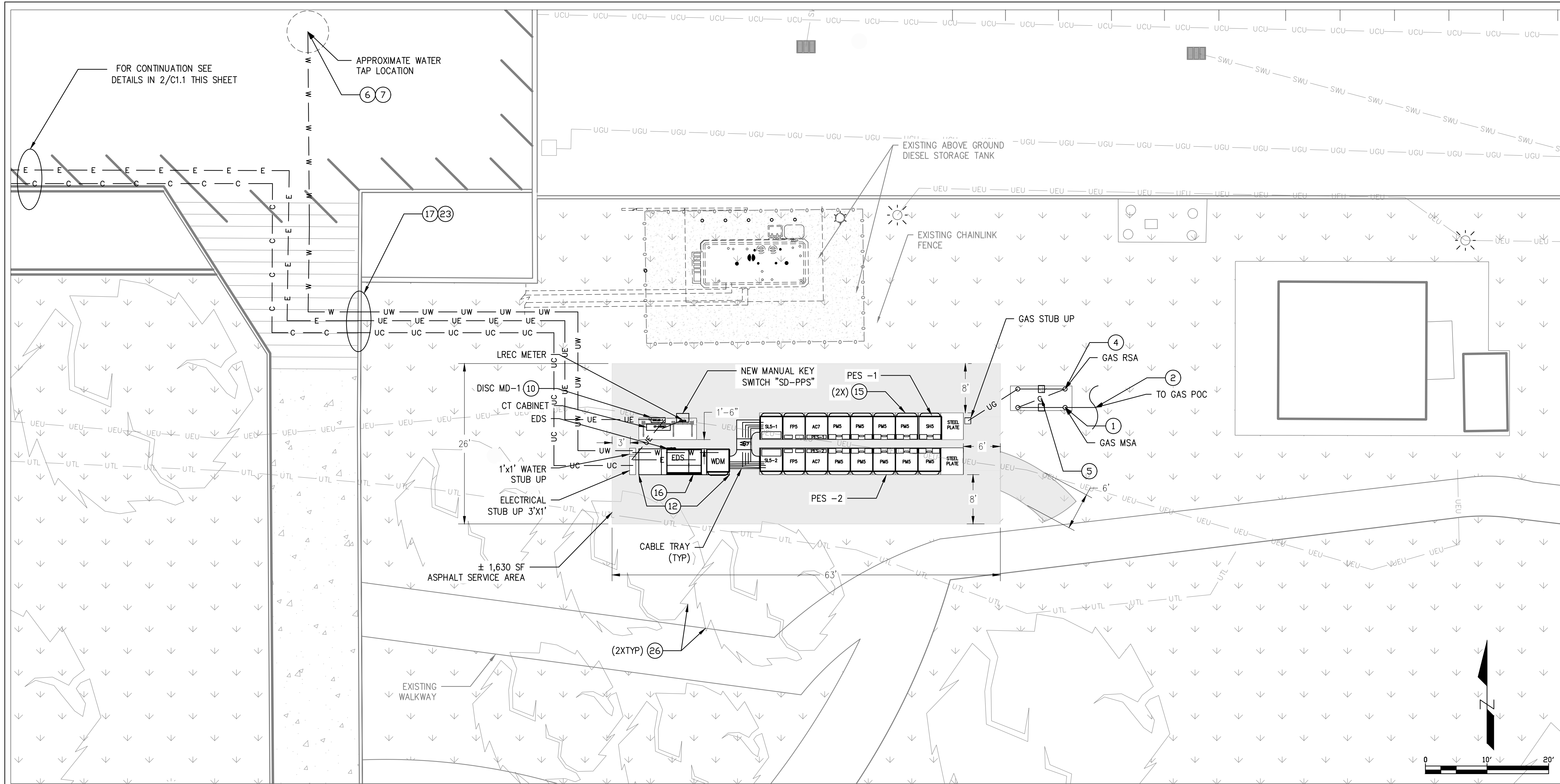
G1.1

BLOOM ENERGY DOCUMENT NUMBER

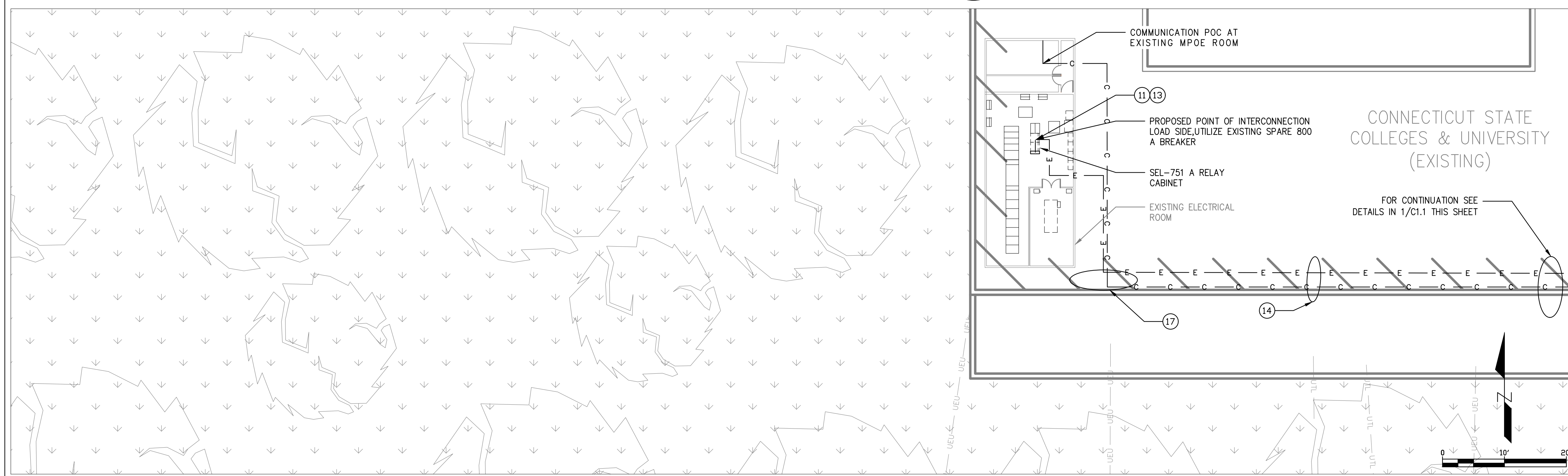
DOC-1015258

THIS DRAWING IS 24" X 36" AT FULL SIZE

SITE ID: CTU006.0 SHEET 03 OF 16



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



DETAILED SITE PLAN (A) 2  
 SCALE: 1" = 10' C1.1

GENERAL NOTES

1. CLEAN AND PRIME ALL 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. SEE BLOOM ENERGY PRODUCT INSTALLATION DRAWINGS FOR UTILITY CONNECTIONS TO ANCILLARY EQUIPMENT AND ENERGY SERVER.
4. PRIOR TO LANDING THE PACKAGED ENERGY SERVER, CONTRACTOR SHALL CONFIRM EXISTING GRADING IN INSTALL AREA IS MAXIMUM 2% SLOPE ACROSS THE ENERGY SERVER INSTALLATION AREA AND MAXIMUM 5% SLOPE WITHIN THE SERVICE AREA. THE CONTRACTOR SHALL INSTALL SHIM PLATES IF AND WHERE NECESSARY. CONTRACTOR SHALL FIELD VERIFY IF SHIM PLATES ARE REQUIRED AND PROVIDE DIRECTIVE TO THE ENGINEER OF RECORD ACCORDINGLY WHERE THERE ARE GAPS BETWEEN THE EXISTING ASPHALT AND BOTTOM OF STEEL SKID. SEE PACKAGED ENERGY SERVER SKID SHIM DETAIL FOR ADDITIONAL INFORMATION.

REFERENCE SHEET NOTES

- 1 NEW UTILITY PROVIDED AND INSTALLED GAS METER & REGULATOR ASSEMBLY 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, DISCONNECT SWITCH, MOUNT TO WALL 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.
- 14 MOUNT NEW CONDUIT/PIPE TO EXTERIOR WALL. COORDINATE EXACT ROUTING WITH CUSTOMER REPRESENTATIVE IN THE FIELD. REFER TO WALL MOUNTING DETAIL FOR ADDITIONAL REQUIREMENTS.
- 15 NEW BLOOM ENERGY SERVER. REFER TO BLOOM ENERGY STANDARD INSTALLATION DRAWING SET FOR ADDITIONAL BLOOM ENERGY SERVER DETAILS.
- 16 FACTORY WIRE 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.
- 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.
- 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.

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 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 HERON INAPPROPRIATE AND MAY REQUIRE ADJUSTMENTS TO AVOID CONFLICTS.

PROPRIETARY AND CONFIDENTIAL

BLOOM ENERGY CORPORATION ALL RIGHTS RESERVED. THIS DOCUMENT IS FOR REFERENCE ONLY AND MAY NOT BE USED WITHOUT THE WRITTEN PERMISSION OF BLOOM ENERGY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT PERMISSION OF BLOOM ENERGY IS PROHIBITED.

CUSTOMER SITE  
 CONNECTICUT STATE COLLEGES & UNIVERSITIES  
 750 CHASE PKWY  
 WATER BURY, CT 06708



RELEASE HISTORY

REV	ISSUE PURPOSE	DATE
-	INITIAL RELEASE	02/14/2023

DESIGNED BY SCOTT BARD  
 DRAWN BY SHIVANAND ANNIGERI  
 REVIEWED BY KATE TAYLOR

SHEET TITLE	
UTILITY SITE PLAN	
DRAWING NUMBER	
C1.1	
BLOOM ENERGY DOCUMENT NUMBER	
DOC-1015258	
THIS DRAWING IS 24" X 36" AT FULL SIZE	
SITE ID: CU006.0	SHEET 04 OF 16

## Exhibit 4

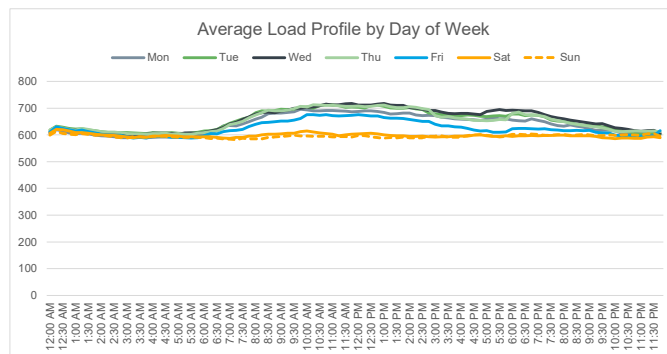
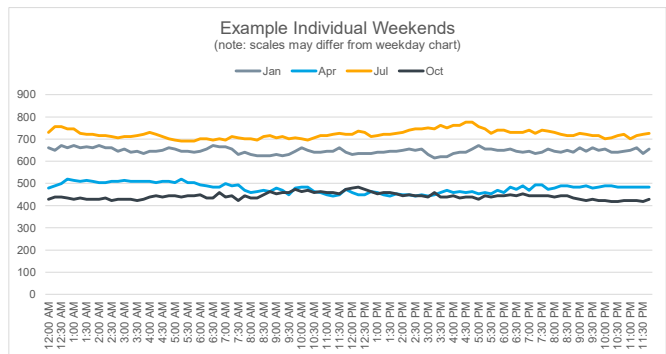
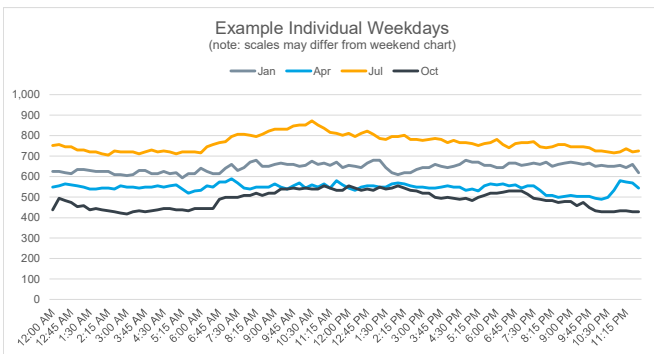
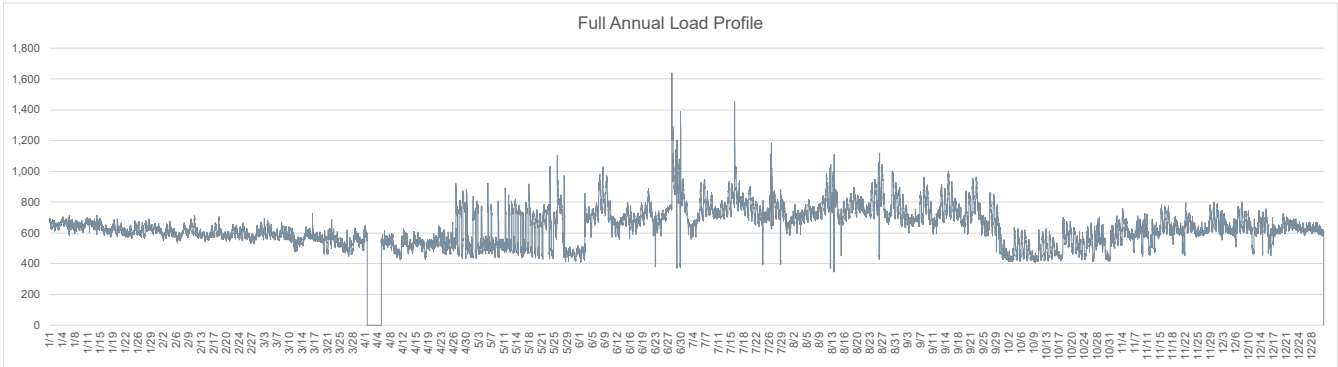
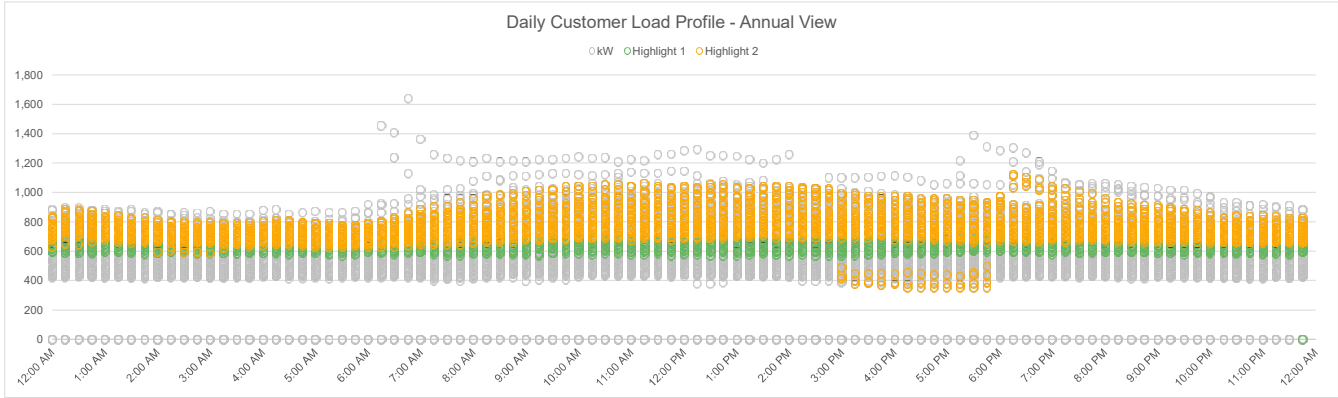
SITE DETAILS	
Utility Tariff	CT - EVR-CT 58-P
Customer Name	Dept of Education
Site Name or Address	750 CHASE PKWY WATERBURY CT
Utility Account Number	
Meter Number	445552060, 537715039
<b>NOTES</b>	
[Notes here]	

SIZING SUMMARY	
Total Days of Complete, Non-Zero Data	361
Annual Load Factor	39%
Total Customer Usage	5,535,967 kWh
Average 15-Min kW	639 kW
Average Peak Demand	974 kW
<b>Absolute Minimum kW (non-zero)</b>	<b>348 kW</b>
<b>Estimated Average Baseload</b>	<b>600 kW</b>
<b>Proposed System Size</b>	<b>350 kW</b>
<b>Estimated Resulting Net Metering</b>	<b>5.46%</b>

POWER FACTOR SUMMARY [NOT PRINTED]	
Power Factor from Customer Bill	90%
<b>kVars at Peak Demand</b>	<b>108.22</b>
<b>Inverter Nameplate Required</b>	<b>150</b>

Dept of Education - 750 CHASE PKWY WATERBURY CT (Acct ; Meter 5039) - New Sizing Tool

MONTH	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Highlight Color (0/1/2)	1	0	0	0	0	0	0	2	0	0	0	0



## Energy Server 5.5

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 5.5

## Technical Highlights (E55-2000US0401S-NASK10-0)

### Outputs

Nameplate power output (net AC)	200kW
Load output (net AC)	200kW
Electrical connection	480V, 3-phase, 60Hz

### Inputs

Fuels	Natural gas
Input fuel pressure	12-18 psig (15 psig nominal)12-18 psig (15 psig nominal)Natural gas
Water	None during normal operation

### Efficiency

Cumulative electrical efficiency (LHV net AC) <sup>1</sup>	65-53%
Heat rate (HHV)	5,811-7,127 Btu/kWh

### Emissions<sup>2</sup>

NOx	0.0017 lbs/MWh
SOx	Negligible
CO	0.012 lbs/MWh
VOCs	0.01 lbs/MWh
CO <sub>2</sub> @ stated efficiency	679-833 lbs/MWh on natural gas; carbon neutral on directed biogas

### Physical Attributes and Environment

Weight	10.7 tons
Dimensions (variable layouts)	14'4" x 8'8" x 7'0" or 25'1" x 4'4" x 6'9"
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

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

<sup>2</sup> 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

4353 North First Street  
San Jose, CA 95134

T 408 543 1500  
F 408 543 1501

info@bloomenergy.com  
www.bloomenergy.com

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DOC-1016102 Rev A



## 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

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### 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-MATAAN)	
<b>Outputs</b>			
Nameplate power output (net AC)	150kW		
Load output (net AC)	150kW		
Electrical connection	480V, 3-phase, 60 Hz		
<b>Inputs</b>			
Fuels	Natural gas, directed biogas		
Input fuel pressure	10-18 psig (15 psig nominal)		
Water	None during normal operation		
<b>Efficiency</b>			
Cumulative electrical efficiency (LHV net AC) <sup>1</sup>	65-53%		
Heat rate (HHV)	5,811-7,127 Btu/kWh		
<b>Emissions<sup>2</sup></b>			
NOx	0.0017 lbs/MWh		
SOx	Negligible		
CO	0.034 lbs/MWh		
VOCs	0.0159 lbs/MWh		
CO <sub>2</sub> @ stated efficiency	679-833 lbs/MWh on natural gas; carbon neutral on directed biogas		
<b>Physical Attributes and Environment</b>			
Weight	10 tons		
Dimensions (variable layouts)	10'9" x 8'8" x 6'9" or 21'6" 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		
<b>Codes and Standards</b>			
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.			
<b>Additional Notes</b>			
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			
<sup>1</sup> 65% LHV efficiency verified by ASME PTC 50 Fuel Cell Power Systems Performance Test			
<sup>2</sup> NOx and CO measured per CARB Method 100, VOCs measured as hexane by SCAQMD Method 25.3			

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Bloom Energy

4353 North First Street  
San Jose, CA 95134

T 408 543 1500  
F 408 543 1501

info@bloomenergy.com  
www.bloomenergy.com

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Public Safety and Facilities driveway and parking area;  
Facility location at left behind existing infrastructure

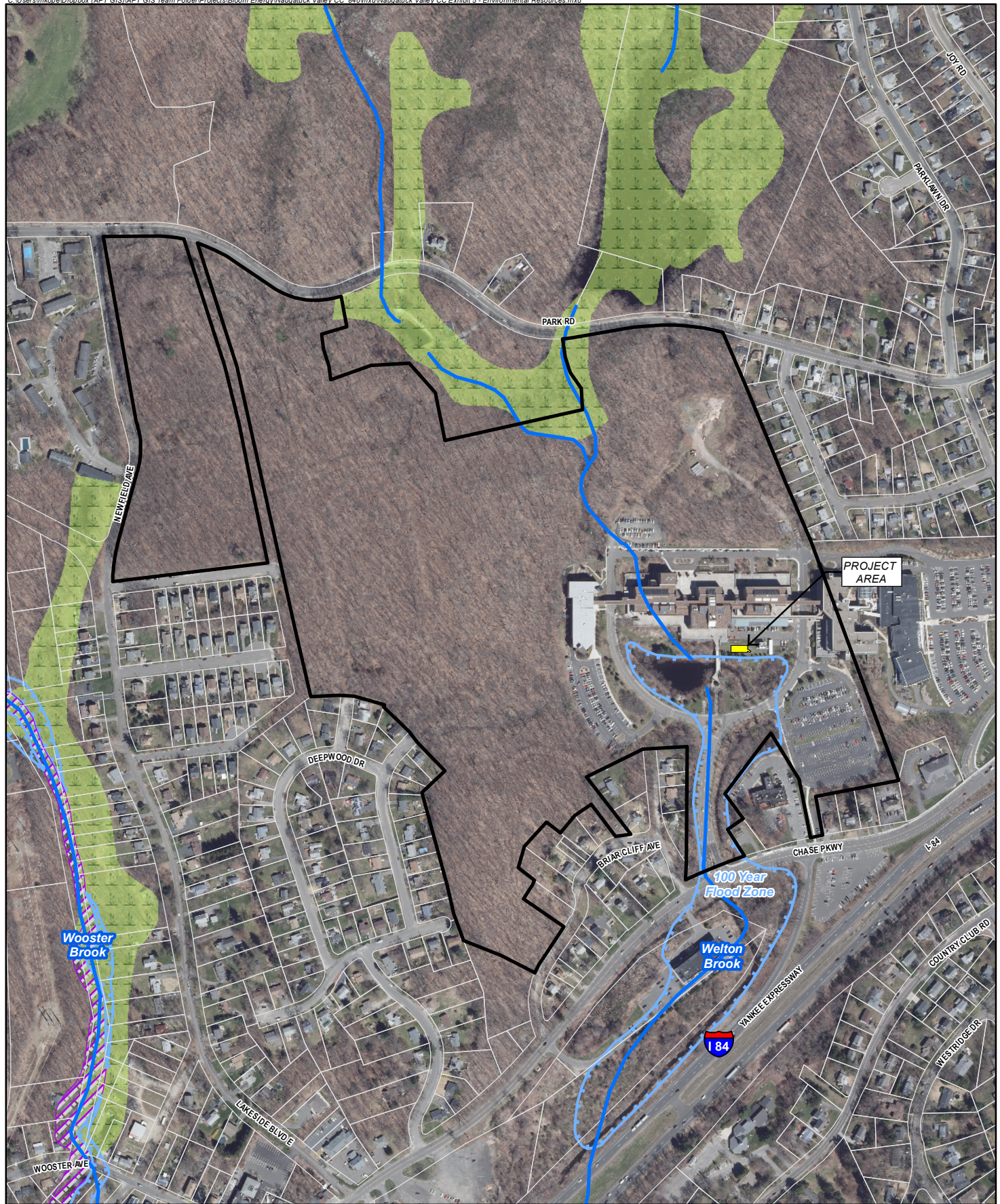


Looking toward Facility area



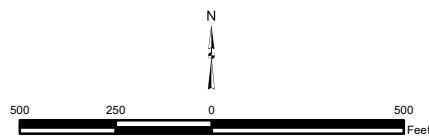
Looking toward Facility area

## Exhibit 5



- Legend**
- Site
  - Project
  - CTDEEP Watercourse
  - CTDEEP Natural Diversity Database (updated Dec 2022)
  - CTDEEP Critical Habitat (Oct 2019)
  - CTDEEP Wetlands
  - FEMA 100-Year Flood Zone
  - FEMA 500-Year Flood Zone
  - Floodway
  - CTDEEP Coastal Boundary
  - Approximate Parcel Boundary
  - Municipal Boundary

**Map Notes:**  
 Not All Legend Items May Be Located Within Map Extent  
 Base Map Source: 2019 CTECO Aerial Imagery  
 Map Scale: 1 inch = 500 feet  
 Map Date: March 2023



## Exhibit 5 Environmental Resources

Proposed Bloom Energy Facility  
 Naugatuck Valley Community College  
 750 Chase Parkway  
 Waterbury, Connecticut



## Exhibit 6



*Fire Prevention and Emergency Planning –  
Grid Parallel*



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

## Table of Contents

1. Fire Prevention and Emergency Planning Overview
2. Fuel Cell Installation Safety Features
3. Emergency Notification Procedures
4. Fire and Smoke Procedures
5. Medical Emergency Procedures
6. Materials Release Procedures
7. Natural Disasters and Severe Weather
  - 7.1 Earthquake
  - 7.2 Flood
8. Utility Outage
9. Good Housekeeping and Maintenance
  - 9.1 Good Housekeeping
  - 9.2 Maintenance
10. Training

## 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

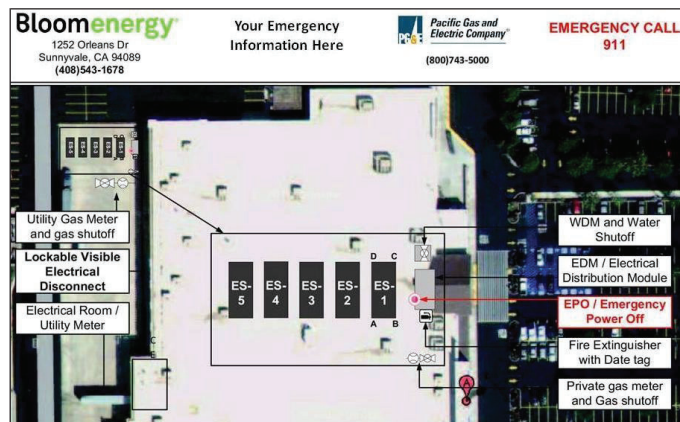


Figure 4: Sample Site Map

**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:

<b>Fire:</b>	<b>911</b>
<b>Ambulance:</b>	<b>911</b>
<b>Police:</b>	<b>911</b>

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 CO<sub>2</sub>. 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

February 15, 2023

**Bloom Energy**  
 4353 North 1<sup>st</sup> Street  
 San Jose, California 95134

Attention: **Brandon Leaverton | Supply Chain Specialist – Construction**

Subject: **Naugatuck Valley Community College; CTU006.0; Waterbury, Connecticut  
 Property Line Noise Analysis  
 Veneklasen Project No. 4631-047**

Dear Brandon:

Veneklasen Associates, Inc. (Veneklasen) was contracted to evaluate noise impact of proposed fuel cells for the subject project in Waterbury, Connecticut. This report includes predicted noise levels at 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 acoustical comments.

**Noise Criteria**

The City of Waterbury Code of Ordinances, Title IX, Section 97.04.B, provides property line noise limits for various property types. These are summarized in Table 1.

**Table 1. City of Waterbury Noise Limits**

Emitter Zone	Receptor Zone			
	Industrial	Commercial	Residential (Day)	Residential (Night)
Residential	62 dB(A)	55 dB(A)	55 dB(A)	45 dB(A)
Commercial	62 dB(A)	62 dB(A)	55 dB(A)	45 dB(A)
Industrial	70 dB(A)	66 dB(A)	61 dB(A)	51 dB(A)

Additionally, Section 97.04.C.1 states the following:

*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 the source exceeds the background noise levels by 5 dBA, provided that no source subject to the provisions of this chapter shall emit noise in excess of 80 dBA at any time, and provided that this section does not decrease the permissible levels of other sections of this chapter.*

In the following analysis, fuel cell noise levels are compared to the applicable limits described above. According to the City of Waterbury Zoning Map, Naugatuck Valley Community College is zoned CO (Commercial Office) and is a Commercial emitter. One adjacent property analyzed (78 Terrell St.) is zoned residential. All remaining adjacent properties analyzed are zoned CO although some appear to be used for residential purposes. Properties that appear to be residential in nature are identified in this analysis as being subject to the more stringent residential receptor standard.

Note that a lot line bisects the area to the east of the fuel cell installation where a building that houses the Western at Waterbury program of Western Connecticut State University (WCSU) is found. See the dashed yellow lines in Figure 1 below. The City of Waterbury has confirmed that the parcel on which the fuel cell installation is planned and the parcel on the other side of the aforementioned lot line have the same ownership although the two parcels do not appear to have been combined. Veneklasen analyzed noise levels at the WCSU building façade although it is believed that this location is not subject to a property line noise level limit.

Veneklasen assumes proposed fuel cells will run 24 hours per day.

**Existing Ambient Noise**

Because noise levels anticipated as a result of the proposed fuel cell project were found to comply with City regulations, an analysis of ambient noise was not performed. See the following section for further detail.

**Property Line Noise Analysis**

Drawings received January 26, 2023 indicate that proposed fuel cells will be installed at the location shown in green in Figure 1 below. The nearest sensitive receptors are annotated in blue.

**Figure 1. Property Line and Fuel Cell Locations**



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 fuel cells by approximately 5 decibels. See Appendix A below for fuel cell sound power data and foam compound reduction data used in the following analysis.

The calculated fuel cell noise levels as compared with City noise level limits are presented in Table 2 below. Note that the reported distances between property lines and the fuel cells are taken from the closest face of the fuel cell nearest to the associated property line.

**Table 2. Fuel Cell Property Line Noise Levels: No Mitigation**

<b>Sensitive Receptor</b>	<b>Distance from Fuel Cell, ft</b>	<b>Applicable Noise Limit, dBA</b>	<b>Calculated Fuel Cell Noise Level, dBA</b>	<b>Code Compliant?</b>
62 Janwood Rd.	400	45	32	Yes
714 Chase Pkwy.	325	62	34	Yes
696 Chase Pkwy.	665	45	29	Yes
688 Chase Pkwy.	670	45	29	Yes
678 Chase Pkwy.	700	62	28	Yes
650 Chase Pkwy.	705	62	29	Yes
WCSU (Western at Waterbury) building facade	270	62	38	Yes
78 Terrell Rd.	450	45	< 20	Yes

As shown in the table above, fuel cell noise levels at all receptors will meet allowable City noise limits. Mitigation is therefore not required.

### Summary

Veneklasen has reviewed the subject project proposed fuel cell property line noise levels as they pertain to the applicable design goals. City regulations provide maximum allowable noise levels according to the zoning of the emitting and receiving properties. Nighttime maximum noise levels, which are the most stringent, were used as the design standard to be met.

As currently designed, fuel cell noise levels comply with City requirements at all surrounding properties analyzed. No mitigation is required to comply with municipal requirements.

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

Sincerely,  
**Veneklasen Associates, Inc.**



Kevin Patterson  
 Associate



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 Levels**

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	81.0	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 63 Hz and 125 Hz 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 Band				
	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



## Appendix B – Calculation Methods

Sound level attenuates over distance by a factor of -6 dB per doubling of distance. For example, if a sound source was measured to be 60 dBA at a distance of 10 feet, the measured sound level at 20 feet would be 54 dBA. Sound level reduction due to distance is calculated according to the following equation:

$$L_p = L_w + 10 \log_{10} Q - 20 \log_{10} d - 0.7$$

Where:

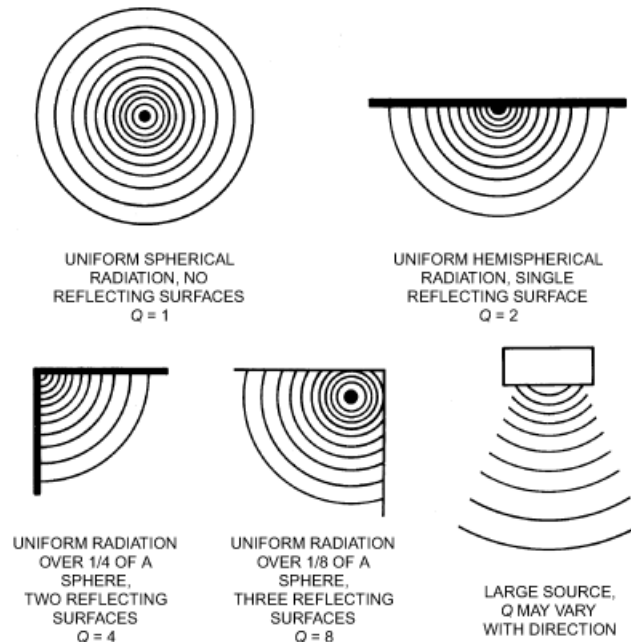
$d$  = The distance between the center of the fuel cell unit to the property line in feet.

$L_p$  = The sound pressure level at a distance  $d$  in decibels.

$L_w$  = The sound power level from the fuel cell. Sound power levels are reported above in Appendix A in decibels.

$Q$  = The directivity factor which dictates how sound radiates outward from the source. See Figure 2 below from the 2015 American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) Handbook, Chapter 48 describing  $Q$  factors and their associated sound radiation patterns.

**Figure 2. ASHRAE Handbook: Q Factor Sound Radiation Patterns**



**Fig. 30 Directivity Factors for Various Radiation Patterns**

In the equation above, the greater the distance away from the sound source ( $d$ ), the lower the sound level. This is intuitive and most people would consider this common knowledge.

In general, the more reflecting surfaces there are adjacent to a noise source, the more sound will bounce off these surfaces and radiate outward. In other words, larger  $Q$  factors will increase the noise level. For example, a fuel cell sitting on the ground, with nothing else around, would have a  $Q$  factor of 2 because the ground that the fuel cell is sitting on acts as a single reflecting surface. Another example would be a fuel cell sitting on the ground with a retaining wall on one side of it; this system would have a  $Q$  factor of 4 because both the ground and the retaining wall act as reflecting surfaces. A doubling of the  $Q$  factor increases the receiver noise level,  $L_p$ , by 3 dB.

## Exhibit 8

VIA CERTIFICATE OF MAILING

March 8, 2023

RE: Application of Bloom Energy for the location and construction of a Bloom Energy Server fuel cell installation to provide 350 kilowatts of Customer-Side Distributed Resource at Naugatuck Valley Community College, 750 Chase Parkway, Waterbury, 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 March 17, 2023, a petition for declaratory ruling with the Council. The petition will request the Council's approval of the location and construction of a 350-kilowatt fuel cell installation and associated equipment. The Facility will be located at Naugatuck Valley Community College ("NVCC") in Waterbury, Connecticut (the "Site").

The purpose of the proposed Facility is to replace a portion of NVCC's annual load with a renewable energy source<sup>1</sup> 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,



Kristen Grillo  
Senior Permitting Specialist  
[Kristen.grillo@bloomenergy.com](mailto:Kristen.grillo@bloomenergy.com)

---

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



**ABUTTING PROPERTY OWNERS**

subject parcel

Property ID	Property Address	Owner Name	Mailing Address	Town	State	Zip
0339-0065-0012	750 Chase Parkway	State of Connecticut, Naugatuck Valley Communit	750 Chase Parkway	Waterbury	CT	06708
0266-0081-0002	742 Park Road	City of Waterbury, Western Hills Golf Course	235 Grand St.	Waterbury	CT	06702
0288-0081-0162	Park Road	City of Waterbury	235 Grand St.	Waterbury	CT	06702
0287-0065-0006	351 Park Road	Thomas C. & Susan Harman	351 Park Rd.	Waterbury	CT	06708-2344
0288-0081-0005	Park Road	City of Waterbury	235 Grand St.	Waterbury	CT	06702
0288-0081-0006	Park Road	Peter Vileisis	433 Thomaston Ave.	Waterbury	CT	06702-0000
0288-0081-0008	264 Park Road	Alan J. & Silvia M. Buzzallino	264 Park Rd.	Waterbury	CT	06708
0288-0081-0009	250 Park Road	Angel Otero	250 Park Rd.	Waterbury	CT	06708
0288-0081-0010	248 Park Road	Robert Piel	257 Platt Rd.	Watertown	CT	06795
0288-0065-0013	243 Park Road	Michael Smegielski, Jr.	243 Park Rd.	Waterbury	CT	06708-2344
0288-0065-0012	237 Park Road	Robert A. Petrillo	237 Park Rd.	Waterbury	CT	06708
0314-0065-0001	14 Terrell Road	Robert W. & Mary Ellen Vanderhoff	14 Terrell Rd.	Waterbury	CT	06708-2323
0314-0065-0002	22 Terrell Road	Paul J. Leduc, Sr.	22 Terrell Rd.	Waterbury	CT	06708
0314-0065-0003	28 Terrell Road	James R. McGrath & Diana West	28 Terrell Rd.	Waterbury	CT	06708-2323
0314-0065-0031	34 Terrell Road	Lauren Anne Bove, Robert J. Salerno, Sr. & Lauren Anne Bove	34 Terrell Rd.	Waterbury	CT	06708
0314-0065-0004	38 Terrell Road	Kathleen Bosco	38 Terrell Rd.	Waterbury	CT	06708
0314-0065-0041	46 Terrell Road	Pablo & Sandra Toro	46 Terrell Rd.	Waterbury	CT	06708
0314-0065-0040	52 Terrell Road 6	City of Waterbury	235 Grand St.	Waterbury	CT	06702
0314-0065-0005	60 Terrell Road	Leo R. Tomaiolo	60 Terrell Rd.	Waterbury	CT	06708-2323
0314-0065-0006	68 Terrell Road	Brian T. Finnegan	68 Terrell Rd	Waterbury	CT	06710
0314-0065-0007	78 Terrell Road	Perendi Cekolli	78 Terrell Rd.	Waterbury	CT	06708
0314-0065-0008	1460 West Main Street	State of Connecticut, Naugatuck Valley Community	1470 West Main St.	Waterbury	CT	06708
0339-0065-0650	650 Chase Parkway	CSW-JAMN LLC	650 Chase Pkwy. #3	Waterbury	CT	06708
0339-0065-0006	678 Chase Parkway	678 Chase Parkway Associates LLC	3 Mayfield Rd.	Waterbury	CT	06708
0339-0065-0005	688 Chase Parkway	Paul J. DelDebbio	688 Chase Parkway	Waterbury	CT	06708-3011
0339-0065-0004	696 Chase Parkway	Paul J. & Mary Ann DelDebbio	696 Chase Parkway	Waterbury	CT	06708-3011
0339-0065-0003	702 Chase Parkway	702 Chase Pkwy LLC	702 Chase Parkway	Waterbury	CT	06708
unidentified	I-84 Right-of-Way	State of CT Dept. of Transportation	2800 Berlin Turnpike, P.O. Box 317546	Newington	CT	06131-7546
0339-0065-0002	714 Chase Parkway	Chase Parkway Professional Building Assoc.	714 Chase Parkway	Waterbury	CT	06708-3012

0338-0065-0026	732 Chase Parkway	City of Waterbury Pump Station	235 Grand St.	Waterbury	CT	06702
0362-0665-0030	777 Chase Parkway	Rainwater Hospitality LLC	521 RXR Plaza	Uniondale	NY	11556
0338-0065-0023	34 Janwood Road	Federal National Mortgage Association, c/o CPM Documents	PO Box 809007	Dallas	TX	75265
0338-0065-0024	48 Janwood Road	Madeline Rivera	48 Janwood Rd.	Waterbury	CT	06708-2911
0338-0065-0241	Janwood Road	Madeline Rivera	48 Janwood Rd.	Waterbury	CT	06708-2911
0338-0065-0025	62 Janwood Road	Karen M. Rosado	62 Janwood Rd.	Waterbury	CT	06708
0338-0065-0014	93 Janwood Road	John F. Derosimo, Trustee of the John F. Derosimo Living Trust	93 Janwood Rd.	Waterbury	CT	06708-2931
0338-0065-0015	105 Briarcliff Avenue	Pe & Chanthou Kom	105 Briarcliff Ave.	Waterbury	CT	06708
0338-0616-0021	100 Briarcliff Avenue	Rashad El-Sharnouby & Mohamed Bayoudi Kareem	PO Box 1146	Waterbury	CT	06721
0338-0065-0016	91 Briarcliff Avenue	Ellen McDermott	92 Briar Cliff Ave.	Waterbury	CT	06708-2931
0338-0065-0017	87 Briarcliff Avenue	Samuel F. Bowens, III	87 Briarcliff Ave.	Waterbury	CT	06708
0338-0065-0018	77 Briarcliff Avenue	Gurue Gjona	77 Briarcliff Ave.	Waterbury	CT	06708
0362-0065-0021	Briarcliff Avenue	Joseph P. Yamin, c/o Yamin & Grant LLC	83 Bank St.	Waterbury	CT	06702
0362-0065-0020	Briarcliff Avenue	Antonio & Lisa Mottillo	42 Ferrone Ave.	Waterbury	CT	06705
0362-0065-0018	Briarcliff Avenue	West Side Medical LLC, c/o Yamin & Grant LLC	83 Bank St.	Waterbury	CT	06702
0362-0065-0093	110 Parkwood Avenue	Kazumi Yamashita-Iverson	110 Parkwood Ave.	Waterbury	CT	06708
0362-0065-0061	4 Northwood Drive	Alberto G. Peralta	4 Northwood Dr.	Waterbury	CT	06708
0362-0065-0062	12 Northwood Drive	John C. & Kevin F. Leary	12 Northwood Dr.	Waterbury	CT	06708
0338-0065-0061	16 Northwood Drive	Josephine & Gerard Lefebvre	16 Northwood Dr.	Waterbury	CT	06708
0338-0065-0006	24 Northwood Drive	Oleg A. Volkov	24 Northwood Dr.	Waterbury	CT	06708
0338-0065-0062	30 Northwood Drive	Carol J. Damelio	30 Northwood Dr.	Waterbury	CT	06708-2922
0338-0065-0007	36 Northwood Drive	Leonides & Rosa Marie Luciano	36 Northwood Dr.	Waterbury	CT	06708
0338-0065-0009	48 Northwood Drive	Richard & Maria Jablon McAvay	48 Northwood Dr.	Waterbury	CT	06708
0338-0065-0010	58 Northwood Drive	Tairon David & Marjorie Taylor	58 Northwood Dr.	Waterbury	CT	06708
0338-0065-0011	68 Northwood Drive	Marcel & Mireille Rodriguez	68 Northwood Dr.	Waterbury	CT	06708
0338-0065-0012	78 Northwood Drive	Patricia Daniels	78 Northwood Dr.	Waterbury	CT	06708
0338-0065-0001	75 Northwood Drive	Anthony Rubano	183 Woodcreek Rd.	Bethlehem	CT	06751
0337-0065-0040	16 Forestwood Drive	Katherine Pitino	16 Forestwood Dr.	Waterbury	CT	06708
0337-0065-0051	15 Forestwood Drive	James A. & Rosemary L. Smith	15 Forestwood Dr.	Waterbury	CT	06708-2908
0337-0658-0139	Chapin Avenue	Grexon Duncan	78 Chapin Ave.	Waterbury	CT	06708
0337-0642-0150	81 Chapin Avenue	Stephane & Marie Riviere	81 Chapin Ave.	Waterbury	CT	06708
0312-0642-0111	56 Thompson Avenue	Kenny Barnes	56 Thompson Ave.	Waterbury	CT	06708
0312-0642-1111	50 Thompson Avenue	Raye Tamela McCollum-James	50 Thompson Ave.	Waterbury	CT	06708

0312-0642-1112	46 Thompson Avenue	Conroy & Janice Leslie	46 Thompson Ave.	Waterbury	CT	06708
0312-0642-1113	40 Thompson Avenue	Tabbatha & Matthew Rivers	40 Thompson Ave.	Waterbury	CT	06708
0312-0642-1114	36 Thompson Avenue	David & Mariana Omeri	36 Thompson Ave.	Waterbury	CT	06708
0312-0642-1115	32 Thompson Avenue	Tuwanna Harrison	32 Thompson Ave.	Waterbury	CT	06708
0312-0642-1116	28 Thompson Avenue	David Pinkins & Gale Hinson	28 Thompson Ave.	Waterbury	CT	06708-2950
0312-0642-1117	22 Thompson Avenue	Jeffrey S., Sr. & Maria J. Gagnon	22 Thompson Ave.	Waterbury	CT	06708-2950
0312-0642-1118	18 Thompson Avenue	Robert J. & Jorgette Gary	18 Thompson Ave.	Waterbury	CT	06708-2950
0312-0642-0010	350 Lakeside Boulevard E.	Peter Mecca	350 Lakeside Blvd East	Waterbury	CT	06708
0312-0643-0011	Lakeside Boulevard E.	Capital Welding Company LLC	103 Union City Rd., Unit 5	Prospect	CT	06712
0287-0595-0002	33 Newfield Avenue	Middlebury Piping Ventures LLC & Middlebury Piping Ventures II LLC	1530 McDonald Ave., Suite D	Brooklyn	CT	11230

**OFFICIALS**

<b>Name</b>	<b>Title</b>	<b>Mailing Address</b>	<b>Town</b>	<b>State</b>	<b>Zip</b>
William Tong	Attorney General	165 Capitol Ave.	Hartford	CT	06106
Katie Dykes	Commissioner, Dept. of Energy and Environmental Protection	79 Elm St.	Hartford	CT	06106-5127
Marissa Gillett	Chairman, Public Utilities Regulatory Authority	10 Franklin Square	New Britain	CT	06051
Dr. Manisha Juthani	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
Jeffrey R. Beckham	Secretary, Office of Policy and Management	450 Capitol Ave.	Hartford	CT	06106
Garrett Eucalitto	Commissioner, Dept. of Transportation	2800 Berlin Turnpike	Newington	CT	06111
Alexandra Daum	Commissioner, Dept. of Economic and Community Development	450 Columbus Blvd.	Hartford	CT	06103
Brenda Bergeron	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
Michelle Gilman	Commissioner, Dept. of Administrative Services	450 Columbus Blvd.	Hartford	CT	06103
Danté Bartolomeo	Commissioner, Dept. of Labor	200 Folly Brook Blvd.	Wethersfield	CT	06109
Richard Blumenthal	Senator	706 Hart Senate Office Building	Washington	DC	20510
Chris Murphy	Senator	136 Hart Senate Office Building	Washington	DC	20510
Jahana Hayes	U.S. Representative	2458 Rayburn House Office Building	Washington	DC	20515
Joan V. Hartley	State Senator, 15th District	Legislative Office Building, Room 2100	Hartford	CT	06106-1591
Ron Napoli	Representative, 73rd District	Legislative Office Building, Room 4011	Hartford	CT	06106-1591
	Naugatuck Valley Council of Governments	49 Leavenworth St., 3rd Floor	Waterbury	CT	06702
Neil M. O'Leary	Mayor, City of Waterbury	City Hall Building, 235 Grand St., 2nd Floor	Waterbury	CT	06702
Robert Nerney	City Planner	185 South Main St., 5th Floor	Waterbury	CT	06706
Clifford C. Brammer III	Assistant City Planner	185 South Main St., 5th Floor	Waterbury	CT	06706
Margaret Brown	Land Use Inspector	185 South Main St., 5th Floor	Waterbury	CT	06706
Raymond Work, Chair	City Plan Commission	185 South Main St., 5th Floor	Waterbury	CT	06706
Samuel Leisring, Chair	Inland/Wetlands Commission	185 South Main St., 5th Floor	Waterbury	CT	06706
	Environmental Control Commission	185 South Main St., 5th Floor	Waterbury	CT	06706

John Egan, Chair	Zoning Commission	185 South Main St., 5th Floor	Waterbury	CT	06706
Joseph M. Caiazzo, Chair	Zoning Board of Appeals	185 South Main St., 5th Floor	Waterbury	CT	06706
Edward B. St. John	First Selectman, Town of Middlebury	1212 Whittemore Rd.	Middlebury	CT	06762
Curtis Bosco	Zoning Enforcement Officer	1212 Whittemore Rd.	Middlebury	CT	06762
Terry Smith	Chairman, Planning & Zoning Commission	1212 Whittemore Rd.	Middlebury	CT	06762
Paul Bowler	Chairman, Conservation Commission	1212 Whittemore Rd.	Middlebury	CT	06762
Debbie Seavey	Conservation Enforcement Officer	1212 Whittemore Rd.	Middlebury	CT	06762
Linda D. Hermann	Chairman, Zoning Board of Appeals	1212 Whittemore Rd.	Middlebury	CT	06762





Name and Address of Sender  Kristen Grillo c/o All-Points Technology Corp., P.C. 567 Vauxhall St. Ext., Suite 311 Waterford, CT 06385	TOTAL NO. of Pieces Listed by Sender  <div style="text-align: center; font-size: 2em; color: blue;">103</div>	TOTAL NO. of Pieces Received at Post Office™
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 AMOUNT  
**\$12.20**



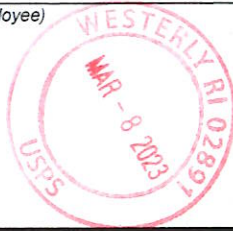
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 02891  
 MAR 08, 23  
 AMOUNT  
**\$12.20**  
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3.	Marissa Gillett, Chairman Public Utilities Regulatory Authority 10 Franklin Square New Britain, CT 06051
4.	Dr. Manisha Juthani, Commissioner Department of Public Health 410 Capitol Ave. Hartford, CT 06134
5.	Susan D. Merrow, Chair Council on Environmental Quality 79 Elm St. Hartford, CT 06106
6.	Bryan P. Hurlburt, Commissioner Department of Agriculture 450 Columbus Blvd., Suite 701 Hartford, CT 06103



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3.	Alexandra Daum, Commissioner Department of Economic and Community Development 450 Columbus Blvd. Hartford, CT 06103				
4.	Brenda Bergeron, Dep. Commissioner 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.	Michelle Gilman, Commissioner Department of Administrative Services 450 Columbus Blvd. Hartford, CT 06103				



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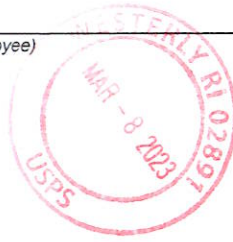
Name and Address of Sender  Kristen Grillo c/o All-Points Technology Corp., P.C. 567 Vauxhall St. Ext., Suite 311 Waterford, CT 06385	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here <i>Postmark with Date of Receipt.</i>		
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1.	Dante Bartolomeo, Commissioner Department of Labor 200 Folly Brook Blvd. Wethersfield, CT 06109				
2.	Hon. Richard Blumenthal Senator 706 Hart Senate Office Building Washington, DC 20510				
3.	Hon. Chris Murphy Senator 136 Hart Senate Office Building Washington, DC 20510				
4.	Hon. Jahana Hayes U.S. Representative 2458 Rayburn House Office Building Washington, DC 20515				
5.	Hon. Joan V. Hartley State Senator, 15th District Legislative Office Building, Room 2100 Hartford, CT 06106-1591				
6.	Hon. Ron Napoli, Jr. Representative, 73rd District Legislative Office Building, Room 4011 Hartford, CT 06106-1591				



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1.	Naugatuck Valley Council of Governments 49 Leavenworth St., 3rd Floor Waterbury, CT 06702				
2.	Hon. Neil M. O'Leary Mayor, City of Waterbury City Hall Building 235 Grand St., 2nd Floor Waterbury, CT 06702				
3.	Robert Nerney City Planner 185 South Main St., 5th Floor Waterbury, CT 06706				
4.	Clifford C. Brammer III Assistant City Planner 185 South Main St., 5th Floor Waterbury, CT 06706				
5.	Margaret Brown Land Use Inspector 185 South Main St., 5th Floor Waterbury, CT 06706				
6.	Raymond Work, Chair City Plan Commission 185 South Main St., 5th Floor Waterbury, CT 06706				



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2.	Samuel Leising, Chair Inland/Wetlands Commission 185 South Main St., 5th Floor Waterbury, CT 06706				
3.	Environmental Control Commission 185 South Main St., 5th Floor Waterbury, CT 06706				
4.	John Egan, Chair Zoning Commission 185 South Main St., 5th Floor Waterbury, CT 06706				
5.	Honorable Edward B. St. John First Selectman, Town of Middlebury 1212 Whittemore Rd. Middlebury, CT 06762				
6.	Curtis Bosco Zoning Enforcement Officer 1212 Whittemore Rd. Middlebury, CT 06762				



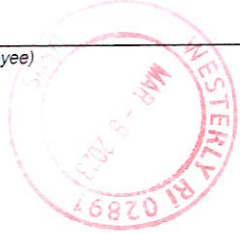
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USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Linda D. Hermann, Chairman Zoning Board of Appeals 1212 Whittemore Rd. Middlebury, CT 06762				
2.	Terry Smith, Chairman Planning & Zoning Commission 1212 Whittemore Rd. Middlebury, CT 06762				
3.	Paul J. Bowler, Chairman Conservation Commission 1212 Whittemore Rd. Middlebury, CT 06762				
4.	Debbie Seavey Conservation Enforcement Officer 1212 Whittemore Rd. Middlebury, CT 06762				
5.	Capital Welding Company LLC 103 Union City Rd., Unit 5 Prospect, CT 06712				
6.	Pe & Chanthou Kom 105 Briarcliff Ave. Waterbury, CT 06708				




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Name and Address of Sender  Kristen Grillo c/o All-Points Technology Corp., P.C. 567 Vauxhall St. Ext., Suite 311 Waterford, CT 06385	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here <i>Postmark with Date of Receipt.</i>		
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1.	Pe & Chanthou Kom 105 Briarcliff Ave. Waterbury, CT 06708				
2.	John C. & Kevin F. Leary 12 Northwood Dr. Waterbury, CT 06708				
3.	Robert W. & Mary Ellen Vanderhoff 14 Terrell Rd. Waterbury, CT 06708-2323				
4.	State of Connecticut, Naugatuck Valley Community 1470 West Main St. Waterbury, CT 06708				
5.	James A. & Rosemary L. Smith 15 Forestwood Dr. Waterbury, CT 06708-2908				
6.	Middlebury Piping Ventures LLC & Middlebury Piping Ventures II LLC 1530 McDonald Ave., Suite D Brooklyn, CT 11230				



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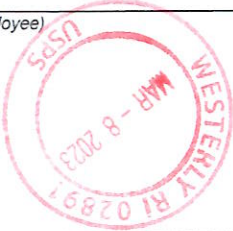
Name and Address of Sender  Kristen Grillo c/o All-Points Technology Corp., P.C. 567 Vauxhall St. Ext., Suite 311 Waterford, CT 06385	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here <i>Postmark with Date of Receipt.</i>		
	Postmaster, per (name of receiving employee)				

USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Katherine Pitino 16 Forestwood Dr. Waterbury , CT 06708				
2.	Josephine & Gerard Lefebvre 16 Northwood Dr. Waterbury , CT 06708				
3.	Robert J. & Jorgette Gary 18 Thompson Ave. Waterbury, CT 06708-2950				
4.	Anthony Rubano 183 Woodcreek Rd. Bethlehem, CT 06751				
5.	Paul J. Leduc, Sr. 22 Terrell Rd. Waterbury, CT 06708				
6.	Jeffrey S., Sr. & Maria J. Gagnon 22 Thompson Ave. Waterbury, CT 06708-2950				





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USPS® Tracking Number Firm-specific Identifier	Address <small>(Name, Street, City, State, and ZIP Code™)</small>	Postage	Fee	Special Handling	Parcel Airlift
1.	City of Waterbury, Western Hills Golf Course 235 Grand St. Waterbury, CT 06702				
2.	City of Waterbury 235 Grand St. Waterbury, CT 06702				
3.	City of Waterbury Pump Station 235 Grand St. Waterbury, CT 06702				
4.	Robert A. Petrillo 237 Park Rd. Waterbury, CT 06708				
5.	Oleg A. Volkov 24 Northwood Dr. Waterbury, CT 06708				
6.	Michael Smegielski, Jr. 243 Park Rd. Waterbury, CT 06708-2344				




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USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Angel Otero 250 Park Rd. Waterbury, CT 06708				
2.	Robert Piel 257 Platt Rd. Watertown, CT 06795				
3.	Alan J. & Silvia M. Buzzallino 264 Park Rd. Waterbury, CT 06708				
4.	James R. McGrath & Diana West 28 Terrell Rd. Waterbury, CT 06708-2323				
5.	David Pinkins & Gale Hinson 28 Thompson Ave. Waterbury, CT 06708-2950				
6.	State of CT Dept. of Transportation 2800 Berlin Turnpike, P.O. Box 317546 Newington, CT 06131-7546				




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1.	678 Chase Parkway Associates LLC 3 Mayfield Rd. Waterbury, CT 06708				
2.	Carol J. Damelio 30 Northwood Dr. Waterbury, CT 06708-2922				
3.	Tuwanna Harrison 32 Thompson Ave. Waterbury, CT 06708				
4.	Lauren Anne Bove, Robert J. Salerno, Sr. & Lauren Anne Bove 34 Terrell Rd. Waterbury, CT 06708				
5.	Peter Mecca 350 Lakeside Blvd East Waterbury, CT 06708				
6.	Thomas C. & Susan Harman 351 Park Rd. Waterbury, CT 06708-2344				




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	Postmaster, per (name of receiving employee)				

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1.	Leonides & Rosa Marie Luciano 36 Northwood Dr. Waterbury, CT 06708				
2.	David & Mariana Omeri 36 Thompson Ave. Waterbury, CT 06708				
3.	Kathleen Bosco 38 Terrell Rd. Waterbury, CT 06708				
4.	Alberto G. Peralta 4 Northwood Dr. Waterbury, CT 06708				
5.	Tabbatha & Matthew Rivers 40 Thompson Ave. Waterbury, CT 06708				
6.	Antonio & Lisa Mottillo 42 Ferrone Ave. Waterbury, CT 06705				




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1.	Peter Vileisis 433 Thomaston Ave. Waterbury, CT 06702-0000				
2.	Pablo & Sandra Toro 46 Terrell Rd. Waterbury, CT 06708				
3.	Conroy & Janice Leslie 46 Thompson Ave. Waterbury, CT 06708				
4.	Madeline Rivera 48 Janwood Rd. Waterbury, CT 06708-2911				
5.	Richard & Maria Jablon McAvay 48 Northwood Dr. Waterbury, CT 06708				
6.	Raye Tamela McCollum-James 50 Thompson Ave. Waterbury, CT 06708				



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1.	Rainwater Hospitality LLC 521 RXR Plaza Uniondale, NY 11556				
2.	Kenny Barnes 56 Thompson Ave. Waterbury, CT 06708				
3.	Tairon David & Marjorie Taylor 58 Northwood Dr. Waterbury, CT 06708				
4.	Leo R. Tomaiolo 60 Terrell Rd. Waterbury, CT 06708-2323				
5.	Karen M. Rosado 62 Janwood Rd. Waterbury, CT 06708				
6.	CSW-JAMN LLC 650 Chase Pkwy. #3 Waterbury, CT 06708				



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USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Marcel & Mireille Rodriguez 68 Northwood Dr. Waterbury, CT 06708				
2.	Brian T. Finnegan 68 Terrell Rd Waterbury, CT 06710				
3.	Paul J. DelDebbio 688 Chase Parkway Waterbury, CT 06708-3011				
4.	Paul J. & Mary Ann DelDebbio 696 Chase Parkway Waterbury, CT 06708-3011				
5.	702 Chase Pkwy LLC 702 Chase Parkway Waterbury, CT 06708				
6.	Chase Parkway Professional Building Assoc. 714 Chase Parkway Waterbury, CT 06708-3012				



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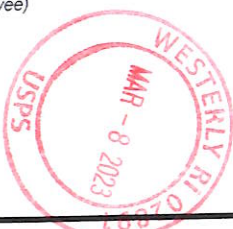
Name and Address of Sender  Kristen Grillo c/o All-Points Technology Corp., P.C. 567 Vauxhall St. Ext., Suite 311 Waterford, CT 06385	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here <i>Postmark with Date of Receipt.</i>		
	Postmaster, per (name of receiving employee)				

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1.	State of Connecticut, Naugatuck Valley Community 750 Chase Parkway Waterbury, CT 06708				
2.	Gurue Gjona 77 Briarcliff Ave. Waterbury, CT 06708				
3.	Grexon Duncan 78 Chapin Ave. Waterbury, CT 06708				
4.	Patricia Daniels 78 Northwood Dr. Waterbury, CT 06708				
5.	Perendi Cekolli 78 Terrell Rd. Waterbury, CT 06708				
6.	Stephane & Marie Riviere 81 Chapin Ave. Waterbury, CT 06708				





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	Postmaster, per (name of receiving employee)									
USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)						Postage	Fee	Special Handling	Parcel Airlift
1.	Joseph P. Yamin, c/o Yamin & Grant LLC 83 Bank St Waterbury, CT 06702									
2.	West Side Medical LLC, c/o Yamin & Grant LLC 83 Bank St. Waterbury, CT 06702									
3.	Samuel F. Bowens, III 87 Briarcliff Ave. Waterbury, CT 06708									
4.	Ellen McDermott 92 Briar Cliff Ave. Waterbury, CT 06708-2931									
5.										
6.										



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USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	John F. Derosimo, Trustee of the John F. Derosimo Living Trust 93 Janwood Rd. Waterbury, CT 06708-2931				
2.	Rashad El-Sharnouby & Mohamed Bayoudi Kareem PO Box 1146 Waterbury, CT 06721				
3.	Federal National Mortgage Association, c/o CPM Documents PO Box 809007 Dallas, TX 75265				
4.					
5.					
6.					

See Reverse for Instructions

## Exhibit 9

**From:** [Jennifer Young Gaudet](#)  
**To:** ["Robert Nerney"; Margaret Brown](#)  
**Cc:** [Clifford C. Brammer III](#)  
**Subject:** RE: Bloom Energy - proposed fuel cell installation at Naugatuck Valley Community College  
**Date:** Tuesday, February 28, 2023 5:13:00 PM  
**Attachments:** [image002.png](#)  
[image003.png](#)

---

Thank you for the update. I had not received any email from you prior to this one.

**JENNIFER YOUNG GAUDET**  
**PROGRAM MANAGER**

M | 860.798.7454  
All-Points Technology Corporation

---

**From:** Robert Nerney <[rnerney@waterburyct.org](mailto:rnerney@waterburyct.org)>  
**Sent:** Tuesday, February 28, 2023 4:50 PM  
**To:** Jennifer Young Gaudet <[jyounggaudet@allpointstech.com](mailto:jyounggaudet@allpointstech.com)>; Margaret Brown <[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)>  
**Cc:** Clifford C. Brammer III <[cbrammer@waterburyct.org](mailto:cbrammer@waterburyct.org)>  
**Subject:** RE: Bloom Energy - proposed fuel cell installation at Naugatuck Valley Community College

Jennifer,

I thought I had sent a reply email a few minutes ago, but I'm not seeing it in my "sent box". Yes, Margaret and I would like to visit the site.... probably toward the end of the week. Thanks.

Bob Nerney

---

**From:** Jennifer Young Gaudet <[jyounggaudet@allpointstech.com](mailto:jyounggaudet@allpointstech.com)>  
**Sent:** Tuesday, February 28, 2023 3:25 PM  
**To:** Margaret Brown <[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)>; Robert Nerney <[rnerney@waterburyct.org](mailto:rnerney@waterburyct.org)>  
**Cc:** Clifford C. Brammer III <[cbrammer@waterburyct.org](mailto:cbrammer@waterburyct.org)>  
**Subject:** RE: Bloom Energy - proposed fuel cell installation at Naugatuck Valley Community College

You're welcome. Will you and Bob still plan to review the location?

**JENNIFER YOUNG GAUDET**  
**PROGRAM MANAGER**

**M** | 860.798.7454  
All-Points Technology Corporation

---

**From:** Margaret Brown <[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)>  
**Sent:** Tuesday, February 28, 2023 3:21 PM  
**To:** Jennifer Young Gaudet <[jyounggaudet@allpointstech.com](mailto:jyounggaudet@allpointstech.com)>; Robert Nerney <[rnerney@waterburyct.org](mailto:rnerney@waterburyct.org)>  
**Cc:** Clifford C. Brammer III <[cbrammer@waterburyct.org](mailto:cbrammer@waterburyct.org)>  
**Subject:** RE: Bloom Energy - proposed fuel cell installation at Naugatuck Valley Community College

Thanks Jennifer.

**Margaret Brown**

Land Use Inspector  
Planning Department  
City of Waterbury  
185 South Main Street | Jefferson Square  
Waterbury, CT 06702  
[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)  
T: 203.574.6817 x7298 | F: 203.346.3949



---

**From:** Jennifer Young Gaudet <[jyounggaudet@allpointstech.com](mailto:jyounggaudet@allpointstech.com)>  
**Sent:** Tuesday, February 28, 2023 2:39 PM  
**To:** Margaret Brown <[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)>; Robert Nerney <[rnerney@waterburyct.org](mailto:rnerney@waterburyct.org)>  
**Cc:** Clifford C. Brammer III <[cbrammer@waterburyct.org](mailto:cbrammer@waterburyct.org)>  
**Subject:** RE: Bloom Energy - proposed fuel cell installation at Naugatuck Valley Community College

Margaret –

The primary citation would be to Connecticut General Statutes Section 16-50k.

**JENNIFER YOUNG GAUDET**  
**PROGRAM MANAGER**

**M** | 860.798.7454  
All-Points Technology Corporation

---

**From:** Margaret Brown <[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)>  
**Sent:** Tuesday, February 28, 2023 12:04 PM  
**To:** Jennifer Young Gaudet <[jyounggaudet@allpointstech.com](mailto:jyounggaudet@allpointstech.com)>; Robert Nerney <[rnerney@waterburyct.org](mailto:rnerney@waterburyct.org)>  
**Cc:** Clifford C. Brammer III <[cbrammer@waterburyct.org](mailto:cbrammer@waterburyct.org)>  
**Subject:** RE: Bloom Energy - proposed fuel cell installation at Naugatuck Valley Community College

Thanks Jennifer.

Can you confirm the reference to Siting Council having jurisdiction, including wetlands. I will add the reference to my files.

Margaret

**Margaret Brown**

Land Use Inspector  
Planning Department  
City of Waterbury  
185 South Main Street | Jefferson Square  
Waterbury, CT 06702  
[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)  
T: 203.574.6817 x7298 | F: 203.346.3949



---

**From:** Jennifer Young Gaudet <[jyounggaudet@allpointstech.com](mailto:jyounggaudet@allpointstech.com)>  
**Sent:** Tuesday, February 28, 2023 11:31 AM  
**To:** Margaret Brown <[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)>; Robert Nerney <[rnerney@waterburyct.org](mailto:rnerney@waterburyct.org)>  
**Cc:** Clifford C. Brammer III <[cbrammer@waterburyct.org](mailto:cbrammer@waterburyct.org)>  
**Subject:** RE: Bloom Energy - proposed fuel cell installation at Naugatuck Valley Community College

Margaret –

Because the fuel cell is under Siting Council jurisdiction, local wetland permitting is superseded. Please do provide any comments you may have on that aspect of the project. In addition, as with all petitions that are submitted to the Siting Council, the Council will solicit comments directly once the petition is filed.

I am not aware of any requirement for advance notice or permission.

If you need any additional information, please let me know.

Thank you.

**JENNIFER YOUNG GAUDET**  
**PROGRAM MANAGER**

M | 860.798.7454

All-Points Technology Corporation

---

**From:** Margaret Brown <[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)>  
**Sent:** Tuesday, February 28, 2023 11:10 AM  
**To:** Jennifer Young Gaudet <[jyounggaudet@allpointstech.com](mailto:jyounggaudet@allpointstech.com)>; Robert Nerney <[rnerney@waterburyct.org](mailto:rnerney@waterburyct.org)>  
**Cc:** Clifford C. Brammer III <[cbrammer@waterburyct.org](mailto:cbrammer@waterburyct.org)>  
**Subject:** RE: Bloom Energy - proposed fuel cell installation at Naugatuck Valley Community College

Jennifer,

Bob and I will plan to stop by at some point this week.

It appears that there is a brook that runs through the property near to the proposed location for the planned fuel cell and a pond as well.

Any disturbance of the soil within 100 feet of wetlands or watercourse will require a wetlands permit with a staff review.

If in a wetland or watercourse the permit would be reviewed by the Wetlands Commission.

Do we need permission to be on the property to do an inspection?

Thanks.

Margaret

**Margaret Brown**

Land Use Inspector

Planning Department

City of Waterbury

185 South Main Street | Jefferson Square

Waterbury, CT 06702

[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)

T: 203.574.6817 x7298 | F: 203.346.3949



---

**From:** Jennifer Young Gaudet <[jyounggaudet@allpointstech.com](mailto:jyounggaudet@allpointstech.com)>  
**Sent:** Tuesday, February 28, 2023 10:45 AM  
**To:** Margaret Brown <[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)>; Robert Nerney <[rnerney@waterburyct.org](mailto:rnerney@waterburyct.org)>  
**Cc:** Clifford C. Brammer III <[cbrammer@waterburyct.org](mailto:cbrammer@waterburyct.org)>

**Subject:** RE: Bloom Energy - proposed fuel cell installation at Naugatuck Valley Community College

Thank you, Margaret. I thought that might be the case but did want to offer an opportunity for comments.

**JENNIFER YOUNG GAUDET**  
**PROGRAM MANAGER**

M | 860.798.7454

All-Points Technology Corporation

---

**From:** Margaret Brown <[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)>

**Sent:** Tuesday, February 28, 2023 10:25 AM

**To:** Jennifer Young Gaudet <[jyounggaudet@allpointstech.com](mailto:jyounggaudet@allpointstech.com)>; Robert Nerney <[rnerney@waterburyct.org](mailto:rnerney@waterburyct.org)>

**Cc:** Clifford C. Brammer III <[cbrammer@waterburyct.org](mailto:cbrammer@waterburyct.org)>

**Subject:** RE: Bloom Energy - proposed fuel cell installation at Naugatuck Valley Community College

Jennifer – State property, exempt from zoning. We can drive by the location and see if there appears to be any wetlands in the area.

Margaret

**Margaret Brown**

Land Use Inspector

Planning Department

City of Waterbury

185 South Main Street | Jefferson Square

Waterbury, CT 06702

[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)

T: 203.574.6817 x7298 | F: 203.346.3949



---

**From:** Jennifer Young Gaudet <[jyounggaudet@allpointstech.com](mailto:jyounggaudet@allpointstech.com)>

**Sent:** Monday, February 27, 2023 5:58 PM

**To:** Robert Nerney <[rnerney@waterburyct.org](mailto:rnerney@waterburyct.org)>; Margaret Brown <[mbrown@waterburyct.org](mailto:mbrown@waterburyct.org)>

**Cc:** Clifford C. Brammer III <[cbrammer@waterburyct.org](mailto:cbrammer@waterburyct.org)>

**Subject:** Bloom Energy - proposed fuel cell installation at Naugatuck Valley Community College

Dear Mr. Nerney and Ms. Brown:



I am writing on behalf of Bloom Energy in connection with a planned fuel cell installation at Naugatuck Valley Community College, 750 Chase Parkway, Waterbury. Attached are plans depicting the proposed installation, which will consist of two energy servers and associated equipment and be fueled by natural gas. As shown, it will be located behind the Traurig Learning Resource Center/Library in the Public Safety Facilities area.

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 the number below or by e-mail.

Thank you.

*Jennifer Young Gaudet*



**JENNIFER YOUNG GAUDET**

Program Manager

**D** | 860.581.4478 • **M** | 860.798.7454 • **W** |

[www.allpointstech.com](http://www.allpointstech.com)

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