Public Participation Plan

PUBLIC PARTICIPATION PLAN

Applicant:
New York City Health and Hospitals

Facility:
NYC Health + Hospital / Bellevue

NYSDEC Application Number:
2-6206-00032/00004

As Required by:
NYSDEC Commissioner's Policy Guidance CP-29

Submitted to:
New York State Department of Environmental Conservation
NYSDEC Region 2
47-40 21st Street
Long Island City, NY 11101-5401

Date:
July 25, 2023

TABLE OF CONTENTS

I. Introduction and Objective
II. Project Description and Proposed Action
- Project Overview
- Nature of Proposed Project/Action and Purpose
- Potential Impacts

III. Stakeholder Identification & Contact List
IV. Project Liaison
V. Public Outreach Activities
- Public Meeting(s)
- Virtual Public Meeting Notice Preparation and Distribution
- Fact Sheet Preparation and Distribution
- Distribution of Notice of Complete Application

VI. Document Repository
VII. Submissions
- Progress Report
- Final Summary Report and Written Certification

Figures

1. Project Location and Potential Environmental Justice Area(s) Map
2. Site Plan
3. Outreach Radius Map

Appendix

A. Contact List
B. Virtual Public Meeting Notice
C. Fact Sheet
D. Frequently Asked Questions

List of Acronyms

Acronym	Definition
CP-29	Commissioner Policy 29, Environmental Justice and Permitting
NOCA	Notice of Complete Application
NYSDEC	New York State Department of Environmental Conservation
PEJA	Potential Environmental Justice Area
PPP	Public Participation Plan
NYC HHC	New York City Health and Hospitals Corporation
CHP	Combined Heat and Power
CDRP	Coordinated Demand Response
NOx	Nitrogen oxides

I. INTRODUCTION AND OBJECTIVE

This Public Participation Plan (PPP) has been prepared by New York City Health and Hospitals Corporation (hereinafter referred to as “applicant”) to fulfill and comply with the requirements of New York State Department of Environmental Conservation **Commissioner Policy 29, Environmental Justice and Permitting (CP-29)** for their proposed installation of two (2) new natural gas fired co-generation Engines – Caterpillar G3516H, each with 1982 kW rating, that requires an Air State Facility Permit application renewal with modifications and which has been determined by NYSDEC to potentially impact one or more potential environmental justice area (PEJA) (See Figure 1).

This PPP has been developed in accordance with the procedures established in CP-29 Section V.D and it aims to help ensure meaningful and effective public participation throughout the NYSDEC environmental permit review process. Public participation in the NYSDEC environmental permit review process means a program of activities that provides opportunities for stakeholders to be informed about and involved during the review of a proposed action.

The objective of this PPP is to outline and describe the program of activities that the applicant will implement to actively seek and enhance public participation during the application review process.



Figure 1. Project Location and Potential Environmental Justice Area(s)

II. PROJECT DESCRIPTION AND PROPOSED ACTION

Project Overview

The applicant proposes to install two (2) new cogeneration engines that would allow the hospital to generate its own heat and electricity thus becoming less reliant on utility services. To implement the proposed project, the applicant has submitted an application to the New York State Department of Environmental Conservation (NYSDEC) to renew and modify their existing Air State Facility permit to construct and operate two new cogeneration engines with nitrogen oxide (NOx) emissions under 25 tons per year. The engines will be installed outside of the main building in the South Lot. The application also includes an update to the facility's emergency engines for participation of six (6) generators in the Coordinated Demand Response Program (CDRP). The facility's address is 462 First Avenue, New York, NY 10016.

Nature of Proposed Project/Action and Purpose

The proposed Combined Heat and Power (CHP) system would consist of two (2) 1982 kW (approximately 2 MW) natural-gas fired engines anticipated to operate continuously to provide electrical and thermal energy to the facility 24 hours per day. Both engines will be equipped with a Selective Catalytic Reduction (SCR) and Oxidation Catalyst System for reduction of NOx, CO, and VOC emissions. The engines will be housed on a newly built platform in a lot owned by Bellevue Hospital next to the Emergency Department. The CHP engine enclosure will sit on the platform approximately 25 feet above grade. Each engine will have an individual stack that will be routed up the adjacent A-Building exterior wall to a height of 180 ft above the Emergency Department roof and (CHP) enclosure (approximately 200 ft above grade). The stacks will extend 10 feet above the A-Building façade and 30 feet above the A-Building Roof/Penthouse. Six (6) existing emergency generators will also participate in CDRP.

Purpose/Need

The primary goal of this project is to provide Bellevue Hospital with a 4MW CHP system capable of meeting two tasks: (1) Delivering on-site power to the facility in the event of an electrical utility outage for an extended amount of time, and (2) Reducing energy costs and increasing energy efficiency for the facility.

The purpose of the CHP is to operate a 'base load' manner producing both electric and thermal energy 24-hours per day throughout the year. Electrical power will be generated within two separated, identical CHP enclosures each rated at 2MW. Thermal 'waste' energy will be simultaneously recovered from both engines' cooling water systems and exhaust gas streams to produce hot water. This heated water will then be used to offset steam purchased from Con Edison.

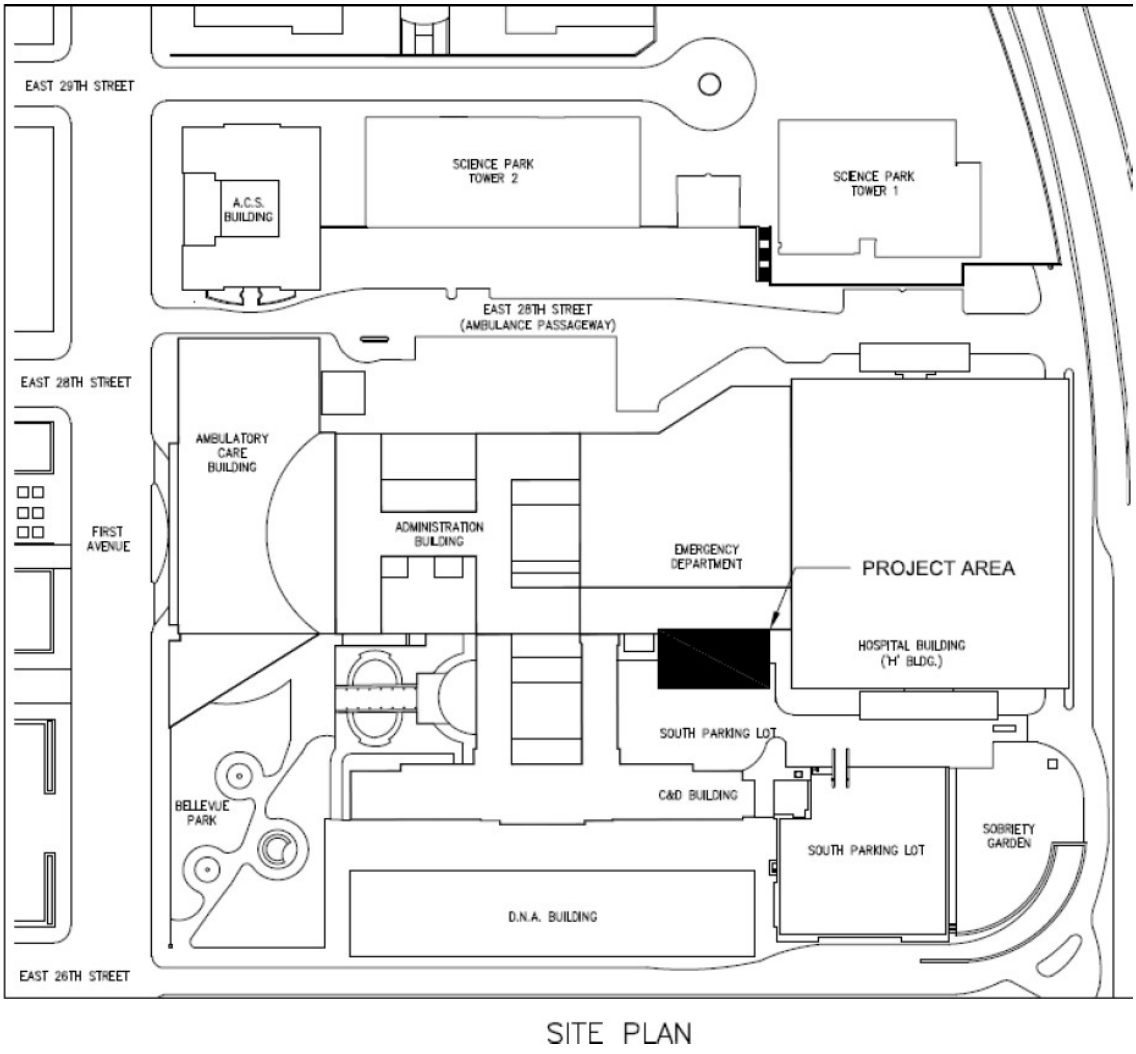


Figure 2. Site Plan

Potential Impacts

Emission Impact

In the proposed project, the facility's annual emissions will remain below 24.9 tons per year ofNOx due to the reduced emissions of the new cogeneration engines by SCR/Oxidation Catalyst systems. The increased emissions from the cogeneration engines, assuming operation 24 hours per day and 7 days per week, increases NOx emissions by 4.8 tons per year, for a total of 18.8 tons per year. While the facility's emissions will increase due to producing electricity and steam on site, the facility's energy production will actually be more efficient (in kWh per year) and reduce the amount of energy that is used to power the facility when compared to the energy purchased annually from Con Edison, for anannual reduction of 134,422 mmBTU of electricity.

Community Impact

The cogeneration units will be constructed on the property's South Lot, which is surrounded on all sides by hospital property. No public community spaces will be impacted. While this expansion of usage will cause a minor increase in emissions, the installation of these engines are critical to hospital functions. Bellevue Hospital serves a large community of residents in Manhattan. In the event of power grid failures or other losses of heat and electricity, the hospital's ability to produce its own energy is crucial to enable continuation of hospital operations and support those at the hospital relying on power and electricity for important medical procedures and for survival.

To address the Climate Leadership and Community Protection Act (CLCPA) the applicant is required to provide a CLCPA 7(2) and 7(3) analysis to NYSDEC, which will be posted to the document repository (see Section VI).

III. STAKEHOLDER IDENTIFICATION & CONTACT LIST

A contact list consisting of the names, addresses, phone numbers, or email addresses of stakeholders to the proposed action is provided in Appendix A. The contact list includes individuals and organizations with a direct stake in the proposed action and people and individuals and organizations that have expressed interest in the proposed project or similar projects affecting the same neighborhood or community.

To develop a draft contact list, the applicant reached out to neighborhood groups who are near or adjacent to the proposed project and that will be or potentially will be affected by the operation; community boards, community leaders, local community, civic and recreational organizations, and business groups to help identify stakeholders and develop an initial contact list.

The current contact list has been developed in consultation with NYSDEC by identifying stakeholders from the following categories: local government and elected officials; business owners, residents, and occupants; local civic, community, religious organizations; local news media; administrator/operator of any school or day care that live, work and/or represent a neighborhood or community within a 0.3-mile radius of the project area (see Figure 3).

The applicant will utilize this contact list to communicate and disseminate information about the proposed project/action and permit application review process to the affected community and stakeholders. At minimum, this includes distribution of the written

information and outreach materials described in Section V to inform the community about upcoming public meetings and opportunities for public participation.

The contact list will be reviewed periodically and updated as appropriate throughout the permit application review process. The applicant will update the contact list with any new stakeholders identified during the public meeting or execution of other PPP components. In addition, individuals and organizations will be added to the contact list upon request. Such requests should be submitted to the project liaison identified in Section IV. Other additions to the contact list may be made at the discretion of the applicant or, at the request of the NYSDEC project manager, in consultation with other NYSDEC staff, as appropriate.

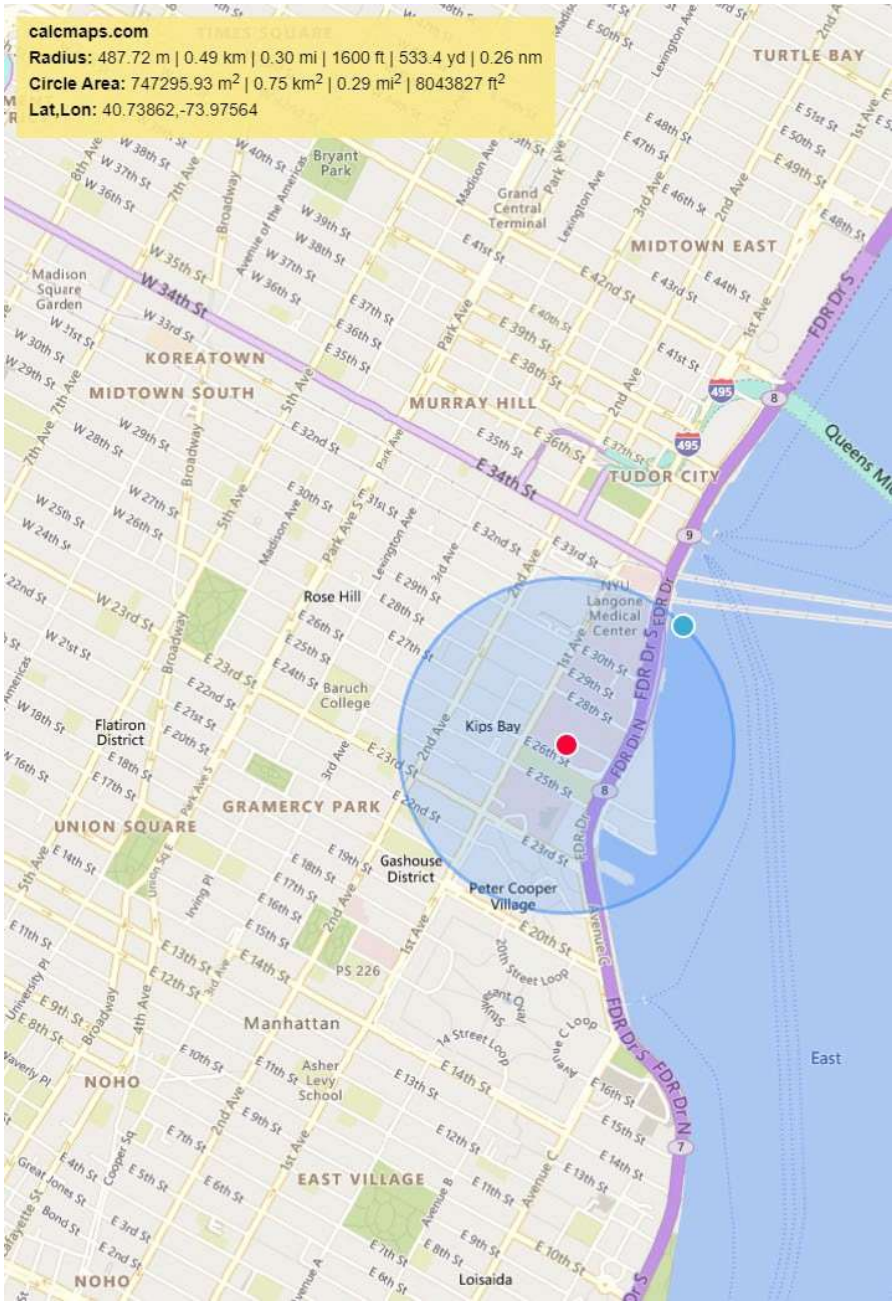


Figure 3. Outreach Radius Map

IV. PROJECT LIAISON

A representative from the project team will be available during business hours at:

- Anthony Muhlig, Construction Manager
- 516-974-9712
- amuhlig@guthdeconzo.com
- 1983 Marcus Ave., Suite 103, Lake Success, NY 11042

Impacted residents and interested stakeholders can contact the project liaison listed above to provide input to the project team, discuss any issues or concerns and/or to ask questions or request information. The project liaison shall respond in a timely manner and in the manner appropriate to question or information request received. The project liaison will be responsible for tracking and documenting public input, inquires, questions, and information requests received, along with responses provided.

V. PUBLIC OUTREACH ACTIVITIES

The applicant will utilize a range of engagement strategies and conduct various public outreach activities to facilitate participation, involvement, and direct communication with the affected community during the permit application review process. The applicant will implement the public outreach activities outlined below upon finalization and approval of this PPP by NYSDEC.

In compliance with the requirements of CP-29, the applicant will hold public information meeting(s) to keep the public informed about the proposed action and the environmental permit review process. At minimum, the applicant will prepare, distribute and post written information and materials, including a meeting notice and fact sheet, to encourage dialogue and solicit input from interested stakeholders during the permit application review process. All public outreach materials and information will be prepared and presented in an easy-to-read, understandable format, using plain language free of legal terminology, and geared towards a non-technical audience.

The public meeting notice and fact sheet will be made available and disseminated in both English and Spanish. In addition, the public can contact the project liaison regarding the availability of language assistance and to request that the notice and fact sheet are translated into another language for comprehension by non-English speaking or limited proficiency stakeholders.

Public Meeting(s)

At the discretion of NYSDEC and, depending on the scale and nature of a project, one or more virtual public meeting(s) must be conducted to satisfy the intent of CP-29.

A meeting is typically required near the end of the permit application review process to inform the public about: the status of, or, if applicable, the availability of, final application materials and draft permits for review; the pending NYSDEC public comment period, and deadline to submit written comments to NYSDEC, if established; and eventual final decision.

Bellevue Hospital Public Participation Plan
Public Meeting: At or Near Completeness

Applicant will facilitate a virtual public meeting on September 28, 2023 at 6:30pm to:

- Inform the public about the proposed project/action and permit application review status.
- Provide the opportunity to for stakeholders to ask questions and express concerns about the project and identify how to obtain information or answers to questions after the meeting has concluded.
- Inform attendees how they may submit written comments on the permit application to the NYSDEC during the public comment period and, if available, identify any applicable deadlines.

Necessary Meeting Discussion Points and Requirements

All meetings will be facilitated by the applicant and/or representatives from their project team via WebEx. The project contact will be Anthony Muhlig, the project's construction manager. During the meeting, the applicant and representatives from their project team will present a brief overview of the project, including any relevant background information, details on the permitting action, scope ofwork, schedule, and community impacts. The second part of the meeting will include a question-and answer-portion where the floor will be open for attendees to ask questions,make remarks, and/or express concerns. In addition, the following discussion points will be addressed:

- Provide an update on the permit application review process and identify outstanding application requirements and future milestones in the application review process.
- Make it clear that the meeting is being held prior to NYSDEC's permitting decision for the project/action.
- Identify the location of the online document repository and provide directions on how attendees may obtain and review materials relevant to the application, documents related to the meeting and other public participation plan components.
- Identify and provide contact information for the project liaison and announce procedures for how attendees may obtain answers to questions after the meeting has concluded and interested stakeholders can submit questions, express concerns, or request additional information by telephone, email, and in writing.
- Announce any future outreach, opportunities for public participation, and /or required follow-up with attendees including, but not limited to: additional meetings and future mailings, including, but not limited to the Notice of Complete Application.

Attendance will be recorded during the virtual meeting by obtaining an attendance report generated by WebEx. For those calling in to the meeting, the WebEx attendance report will generate their partial phone numbers. The project team conducting the meeting will provide an opportunity during the meeting for those calling in to identify themselves for attendance purposes. The applicant will track the number of attendees for all meetings held during implementation of this PPP and, where feasible and applicable, identify any affiliation of participants and interests represented at the meeting. In addition, the applicant will be responsible for documenting meeting notes or minutes, along with a record of comments and questions raised in the meeting and respective responses and answers provided. Attendees not identified on the contact list will have the option to be added in the event of future meetings or information sharing.

Virtual Public Meeting Notice Preparation and Distribution

Information regarding the details of the virtual public meeting(s) and how to participate via computer and/or telephone is contained in the reader-friendly meeting notice(s) shown in Appendix B. The notice has been prepared in English and will be translated into Spanish by a certified translator. Through this notice, the public will be invited and encouraged to attend the public virtual meeting scheduled on Thursday, September 28, 2023 at 6:30pm.

Once the PPP has been approved by NYSDEC the public meeting notice will be posted and available in the online document repository described in Section VI of this document. At least two weeks in advance of the public virtual meeting, the notice will be published in the Manhattan Express and El Diario. Manhattan Express is a weekly newspaper printed, published, and circulated daily in Lower Manhattan near the project site. El Diario is a daily Spanish language newspaper circulated in Manhattan. In addition, the public meeting notice will be emailed, mailed and/or hand delivered (door-to-door) to the stakeholders identified in the contact list in Appendix A at least two weeks prior to the public virtual meeting.

Fact Sheet Preparation and Distribution

Factual information on the proposed project/action, including an overview, purpose statement, and potential impacts, is outlined in the reader-friendly fact sheet shown in Appendix C. In addition, the fact sheet outlines how interested stakeholders can: participate in the permit application review process; access the online document repository to review relevant application materials prior to the public meeting; and contact the project team to obtain additional information. The fact sheet has been prepared in English and will be translated into Spanish by a certified translator.

Once the PPP has been approved by NYSDEC the fact sheet will be posted and available in the online document repository described in Section VI of this document. No later than 2 weeks prior to the public meeting, the applicant will distribute the fact sheet to provide stakeholders with relevant background on the proposed project/action and facilitate meaningful participation during the meeting. The fact sheet will be distributed together with the public meeting notice via email, mail and/ hand delivery (door-to-door).

The fact sheet(s) will also be posted within the vicinity of the project site and visible to the public. For example, they may be posted on some streetlight lampposts or bulletin boards located in the lobby of residential complex buildings or public facilities such as libraries, schools, or community centers within the project site.

Distribution of Notice of Complete Application

Once NYSDEC determines the application(s) for the proposed action/project is complete and provides the Notice of Complete Application (NOCA) to the applicant, the applicant will distribute the NOCA and draft permit, if applicable, to the meeting attendees and any identified interested parties, to provide notification regarding the start of the NYSDEC public comment period and to announce the deadline for submission of written comments to NYSDEC. If the NOCA is available at the time of the meeting, the applicant will distribute the NOCA at the public meeting. If the NOCA is not available at the time of the meeting, the applicant will provide explicit instructions on how to access the online repository and inform the attendees that, once available, the NOCA will be posted to the

online document repository and will be distributed to attendees via email or mail as soon as possible, but no later than the date that the NOCA is published by the applicant in the print edition of a paid local newspaper that is circulated at least weekly and available in the municipality in which the project is located.

VI. DOCUMENT REPOSITORY

An online document repository has been established for the community and interested stakeholders to access and review information about the project. The online repository available at https://www.nychealthandhospitals.org/cogen-energy-system/ will provide informationand documents relating to the project and permit application.

The repository will be updated throughout the application process with project-related information and written materials (i.e., application forms and supporting materials, draft permit, fact sheet, statement of basis (where applicable), the Notice of Complete Application provided by the NYSDEC, etc.).

VII. SUBMISSIONS

Final Summary Report and Written Certification

Upon completion of the enhanced public participation plan, the applicant will submit written certification to NYSDEC to certify that it has fully executed and complied with the approved PPP. The certification shall be signed by the applicant, or the applicant's agent, and submitted to NYSDEC prior to a final decision on the application.

As part of the certification, the applicant shall submit a final summary report documenting the implementation of this PPP. The report will summarize the activities that occurred in accordance with the PPP and will identify any substantive concerns raised by stakeholders during the public meeting, or, at any time throughout the permitting process and detail the applicant’s response(s) to any such concerns or questions. The applicant will include, or append, any documentation that supports the final summary report, such as: the meeting sign-in sheet(s), record of attendees/participants, meeting presentation, notes or minutes, summary of questions and answers, and copy of newspaper notice or other proof of publication. In addition, the report will identify any changes or modifications to the proposed project that were made or considered by the applicant to address or reduce concerns surrounding the permit application.

The final summary report and written certification will become part of the application record and will be posted to the online document repository so that it is readily available to the public.

APPENDIX A
Contact List

NYSDEC Application #: 2-6206-00032/00004						
Facility Name: NYC-H+H – New Bellevue Hospital			**List Last Updated: 06/27/2023**			
Entity Type	Name, Title	Address 1	Address 2	City	State	Zip
Federal, State, Local Officials	Keith Powers, NYC Council Member	211 East 43rd Street, Suite 1205	kpowers@council.nyc.gov	New York	NY	10017
	Legislative Office	250 Broadway, Suite 1815		New York	NY	10007
	Harvey Epstein, NYS Assemblyman	107 & 109 Avenue B	epsteinh@nyassembly.gov.	New York	NY	10009
	Brad Hoylman, NYS Senator	322 Eighth Avenue, Suite 1700	hoylman@nysenate.gov	New York	NY	10001
		Legislative Office Building, Room 310		Albany	NY	12247
	Kristen Gillibrand, US State Senate	780 Third Avenue, Suite 2601	https://www.gillibrand.senate.gov/contact/email-me/	New York	NY	10017
	Chuck Schumer, US State Senate	780 Third Avenue, Suite 2301	https://www.schumer.senate.gov/contact/email-chuck	New York	NY	10017
	Eric Adams, Mayor	City Hall	https://www.nyc.gov/office-of-the-mayor/mayor-contact.page	New York	NY	10007
	Jerrold Nadler, US House of Representatives	201 Varick Street, Suite 669	https://nadler.house.gov/forms/writeyourrep/default.aspx	New York	NY	10014
	Hon. Kristen Gonzalez, NYS Senator	801 2nd Ave, Suite 303	gonzalez@nysenate.gov	New York	NY	10017
	Hon. Carlina Rivera, NYC Councilmember	254 East 4th Street	district2@council.nyc.gov	New York	NY	10009
	Hon. Jumaane Williams, Public Advocate	1 Centre Street	reception@advocate.nyc.gov	New York	NY	10007
	Hon. Brad Lander, NYC Comptroller	1 Centre Street		New York	NY	10007
	Hon. Mark Levine, Manhattan Borough President	1 Centre Street, 19th floor	info@manhattanbp.nyc.gov	New York	NY	10007
	Rohit Aggarwala	59-17 Junction Boulevard	https://www.nyc.gov/nyc-resources/mail/dep-email-the-commissioner.page	Flushing	NY	11373

	David Gold, Esq., Commissioner, NYC Dept of Planning	120 Broadway, 31st Floor		New York	NY	10271
	Manhattan Community Board 6	211 East 43rd Street, Suite 1404	info@cbsix.org	New York	NY	10017
	Alexandria Ocasio-Cortez, US House of Representatives	216 Cannon HOB	http://ocasio-cortez.house.gov/contact	Washington	DC	20515
Local News Media	Daily News, Local News Media	220 E 42nd St	voicers@nydailynews.com	New York	NY	10017
	Manhattan Times, Local News Media	5030 Broadway	editor@manhattantimesnews.com	New York	NY	10034
	El Diario NY	41 Flatbush Avenue 1st Floor	redaccion@impremedia.com	Brooklyn	NY	11217
	Schneps Media	1 Metrotech Center	tcimino@schnepsmedia.com	Brooklyn	NY	11201
Local Schools and Daycare Centers	The British International School of New York, School	20 Waterside Plaza	info@bis-ny.org	New York	NY	10010
	United Nations International School, School	24-50 FDR Dr		New York	NY	10010
	Acorn Preschool	330 E 26th St	hdaub@acornschoolny.com	New York	NY	10010
	Public School 47	E 23rd St	wshama@schools.nyc.gov	New York	NY	10010
	Acorn Preschool	330 East 26th Street	ndonnelly@acornschoolny.com, hdaub@acornschoolny.com	New York	NY	10010
	Bellevue Daycare Center	462 1st Ave. Chapel Hall. Suite D-100	registrar@bellevuedaycarecenter.org	New York	NY	10016
	PS 116 Mary Lindley Murray	210 E 33 Street	https://www.ps116.org/contact-us	New York	NY	10016
	School of the Future	127 East 22nd Street,	sgoldstein@sof.edu, lmathew@sof.edu	New York	NY	10010
	MS 104 Simon Baruch	330 East 21st Street	brivera@schools.nyc.gov	New York	NY	10010
	PS 040 Augustus St-Gaudens	319E AST 19 STREET	JKnight3@schools.nyc.gov	New York	NY	10003
	MS 255 Salk School of Science	320 E 20th St.	https://www.salkschool.org/apps/contact/	New York	NY	10003
	The Churchill School and Center	301 East 29th Street	spalermo@churchhillschoolnyc.org	New York	NY	10016

	The Epiphany Lower School	234 East 22nd Street		New York	NY	10010
	NYPL Epiphany Library, Document Repository	228 E 23rd St	mhiggins@theepiphanyschool.org	New York	NY	10010
	First Christian Church of the Valley, Religious Organization	234 E 27th St	patronservices@nypl.org	New York	NY	10016
Local Civic, Community, Environmental, and Religious Organizations	Church of the Epiphany, Religious Organization	375 2nd Ave	pastor@epiphanychurch.nyc office@epiphanychurch.nyc jonathan@epiphanychurch.nyc	New York	NY	10010
	Congregation Talmud Torah Adereth El, Religious Organization	135 E 29th St	info@aderethel.org	New York	NY	10016
	New Covenant Church NYC	234 East 27th Street		New York	NY	10016
	Chapel of the Sacred Hearts of Jesus and Mary	325 E 33rd St	office@oursaviournyc.org	New York	NY	10016
	The Armenian Church	630 2nd Ave	chrisz@armeniandiocese.org, publicrelations@armeniandiocese.or	New York	NY	10016
	Church of the Good Shepherd	240 E 31st St	GSC@goodshepherdNYC.ORG	New York	NY	10016
	Remnant Neighborhood Center	223 E 30th St	admin@remnant.nyc	New York	NY	10016
	Parish of Our Lady of the Scapular And Saint Stephen's	151 E 28th St		New York	NY	10016
	First Moravian Church	154 Lexington Ave		New York	NY	10016
	Air NYC	349 East 149th Street, Suite 609	https://www.air-nyc.org/contact-us	Bronx	NY	10451
	Kips Bay Neighborhood Association		https://kipsbaynyc.org/contact/			
	Lower East Side Ecology Center	Seward Park House, Essex and Canal Street	info@lesecologycenter.org	New York	NY	10002
	Clean Air NY	342 Broadway, Suite 404	rebecca@cacwny.org	New York	NY	10013
	Parc East Apartments	240 East 27th St		New York	NY	10016

	The Grayson Apartments	247 East 28th St		New York	NY	10016
Adjacent business owners, residents, occupants and/or property owners	Kips Bay Court	490 Second Ave	kips@beamliving.com	New York	NY	10016
	Phipps House	330 E 26th St	pn@phippsny.org	New York	NY	10016
	Carmel Place	335 E 27th St		New York	NY	10016
	Prism Apartments	50 E 28th St		New York	NY	10016
	Renwick Gardens	332 E 29th St	info@metreal.com	New York	NY	10016
	Murray Hill Neighborhood Association	Post Office Box 1897	Info@murrayhillnyc.org	New York	NY	10156 -1897
	Grammercy Park Block Association	34 Gramercy Park E	harrisongramercypark@gmail.com	New York	NY	10003
	Grammercy Park Block Association	61 Gramercy Park N	harrisongramercypark@gmail.com	New York	NY	10010
	Peter Cooper Village	252 First Avenue		New York	NY	10009
	Timothy C. Grogan, President, Managing Agent for 2 Tudor City	320 East 39th Street, 3rd Floor	tcgrogan@groganassoc.com	New York	NY	10016 -2106
	Resident Manager - George T., 2 Tudor City	2 Tudor City Place	georget@2tudor.com	New York	NY	10017
	Concierge Desk, 2 Tudor City	2 Tudor City Place		New York	NY	10017
	2 Tudor City Tenants Corp	2 Tudor City Place		New York	NY	10017
	The Lo-Down		tips@thelodownny.com			
	Lower East Side Chinatown Patch		https://patch.com/new-york/lower-east-side-chinatown/compose			
	The Children's Center	492 1st Ave		New York	NY	10016
	HRA Men's Shelter	400 E 30th St		New York	NY	10016
	Waterside Plaza Swim and Health Club	35 Waterside Plaza	livekips@beamliving.com	New York	NY	10010
	Proof Coffee Roasters	335 E 27th St	hello@proof.coffee	New York	NY	10016
	Happy Dogs at 23rd and 1st	403 1st Ave.	hd23@happydogsnyc.com	New York	NY	10010

	Halpern Pharmacy	331 E 23rd St	halpernpharmacy@gmail.com	New York	NY	10010
	Riverpark	450 E 29th St		New York	NY	10016
	Alexandria Center for Life Science	430 E 29th St,		New York	NY	10016
	Kadmon	450 E 29th St,		New York	NY	10016
	New York City Poison Center	455 1st Ave. #123		New York	NY	10016
	Brookdale Dorms CUNY	425 E 25th St	living@hunter.cuny.edu, facilities@hunter.cuny.edu	New York	NY	10010
	NYU Dental Urgent Care Center	345 E 24th St	dental.communications@nyu.edu	New York	NY	10010

APPENDIX B
Virtual Public Meeting Notice
(English and Spanish)

NYC HEALTH+ HOSPITALS

YOU ARE INVITED

Virtual Public Meeting

Thursday, September 28, 2023 at 6:30pm

Installation of a 4MW Cogeneration System at Bellevue Hospital

462 First Avenue, New York, NY 10016

New York City Health and Hospitals Corporation has submitted an application to the New York State Department of Environmental Conservation (NYSDEC) for the renewal and modification of an Air State Facility permit for the installation of two (2) cogeneration units as well as participation of six (6) generators in Coordinated Demand Response Programs (CDRP). A Public Participation Plan has been developed in accordance with NYSDEC Commissioner Policy 29, Environmental Justice and Permitting (CP-29). The purpose of this meeting is to inform the public about the project and to involve the community during the State Facility Air permit application review process.

To Join Online
Click the following link:

https://hhc.webex.com/hhc/j.php?MTID=m330e08ccb7be09b2f9734720c318e8c0

When prompted, enter the Meeting ID:
2301 272 4435
Webinar Password:
bellevue2023!

To Call-in Using a Phone
Dial in using the following number:
1-844-621-3956
*If joining by phone, questions, comments, and contact information for follow ups can be sent to the contact email listed below

Agenda:

- Project Overview
- Background
- Scope of work
- Project schedules
- Community Impacts
- Questions and Answers

Your Attendance is Important!

Project personnel will be available to answer questions from the community. For additional information on the proposed project:

- Contact: Anthony Muhlig by phone at 516-974-9712 or by email at amuhlig@guthdeconzo.com
- Visit the repository at: https://www.nychealthandhospitals.org/bellevue/cogen-energy-system/
- Contact the project liaison to request reasonable accommodation for a disability or interpreter services in a language other than English, so that you can participate in the call and/or to request a translation of any of the event documents into a language other than English.

APPENDIX C
Fact Sheet and FAQ
(English and Spanish)

Cogeneration System at Bellevue Hospital Fact Sheet

- **Project:** Installation of 2 Cogeneration Units
- **Applicant:** NYC Health and Hospitals Corporation
- **Facility:** NYC Health and Hospitals – Bellevue Hospital, 462 First Ave, New York, NY 10016
- **NYSDEC Application Number:** 2-6206-00032/00004
- **A Public Participation Plan (PPP) has been developed in accordance with NYSDEC Commissioner Policy 29, Environmental Justice and Permitting (CP-29)**

What is the Proposed Project?

The Proposed Project will involve the installation and operation of two (2) new natural gas fired co-generation engines – Caterpillar G3516H, each with 1982 kW rating.. To implement the proposed project, NYC Health and Hospitals has submitted an application for an Air State Facility Permit Renewal with Modifications to the New York State Department of Environmental Conservation (NYSDEC) to permit the installation and operation of these engines in addition to their current permit that covers participation of six (6) generators in Coordinated Demand Response Programs (CDRP). The nature of the project is to enable the Hospital to generate its own heat and electricity, offering greater energy independence by moving a portion of the load off the grid. The purpose of this fact sheet is to inform the public about this proposed project and to involve the community during the NYSDEC permit application review process.

Why does NYC HHC need to Install Two Cogen Engines?

The primary goal of this project is to provide Bellevue Hospital with a 4MW Combined Heat and Power (CHP) system capable of meeting two tasks: (1) Delivering on-site power to the facility in the event of an electrical utility outage for an extended amount of time, and (2) Reducing energy costs and increasing energy efficiency for the facility.

How might the project affect the surrounding community?

The installation of these cogeneration units will lead to an increase in air emissions on the Bellevue Hospital Site, but will reduce the facility's overall energy use. Air quality modelling has been performed to ensure the addition of these units will not impact ambient air quality. Installation of these new, state-of-the-art engines will create resiliency for the hospital in the case of extreme weather events or power outages, ultimately benefitting the members of the community who utilize the hospital's services. Participation in Coordinated Demand Response Programs will also help reduce strain on the power grid to help New York City avoid blackouts.

How can I participate in the permit review process?

- Attend the upcoming virtual public meeting scheduled on Thursday, September 28, 2023 at 6:30pm to learn about the project, ask questions and/or express concerns about the project.
- Ask questions, express concerns, provide input or submit by comments in writing, by phone or email to the project contact person identified below.

Where can I get more information about the proposed project?

- Visit the online document repository at: https://www.nychealthandhospitals.org/cogen-energy-system/ to obtain application materials,relevant documents, and information about the project.

- Contact Anthony Muhlig by phone at 516-974-9712, by email at amuhlig@guthdeconzo.com or in writing at: 1983 Marcus Ave., Suite 103 | Lake Success, NY 11042 for information on the project, instructions on how to attend the upcoming virtual public meeting, or to find out about the status of the permit application and public comment period.

Who is responsible for reviewing the Permit Application?

- NYSDEC Region 2 Headquarters, 47-40 21st St., Long Island City, NY 11101, is responsible for reviewing and issuing the required permits. Tel: (718) 482-4997; email: DEP.R2@dec.ny.gov

Hoja de datos sobre el sistema de cogeneración en Bellevue Hospital

- **Proyecto:** Instalación de 2 unidades de cogeneración
- **Solicitante:** NYC Health and Hospitals Corporation
- **Centro:** NYC Health and Hospitals – Bellevue Hospital, 462 First Ave, New York, NY 10016
- **Número de solicitud de NYSDEC:** 2-6206-00032/00004
- **Se ha desarrollado un Plan de Participación Pública (Public Participation Plan, PPP) de acuerdo con la Política del Comisionado 29, Justicia Ambiental y Concesión de Permisos (Commissioner Policy 29, Environmental Justice and Permitting, CP-29)**

¿En qué consiste el proyecto propuesto?

El proyecto propuesto implicará la instalación y operación de dos (2) nuevos motores de generación combinada a gas natural: Caterpillar G3516H, cada uno con una potencia nominal de 1982 kW. Para implementar el proyecto propuesto, NYC Health and Hospitals ha presentado una solicitud de Renovación de Permiso de Instalación Aérea del Estado con Modificaciones al Departamento de Conservación Ambiental del Estado de Nueva York (New York State Department of Environmental Conservation, NYSDEC) para permitir la instalación y operación de estos motores además de su permiso actual que cubre la participación de seis (6) generadores en Programas de Respuesta Coordinada a la Demanda (Coordinated Demand Response Programs, CDRP). La naturaleza del proyecto es permitir que el Hospital genere su propia energía térmica y electricidad, brindando una mayor independencia energética al reducir parte de la carga de la red eléctrica. El propósito de esta hoja de datos es informar al público sobre este proyecto propuesto e involucrar a la comunidad durante el proceso de revisión de la solicitud de permiso del NYSDEC.

¿Por qué NYC HHC necesita instalar dos motores de cogeneración?

El objetivo principal de este proyecto es proporcionar al Bellevue Hospital un sistema combinado de calor y energía (Combined Heat and Power, CHP) de 4MW capaz de cumplir dos tareas: (1) Proporcionar energía en el sitio en caso de un corte prolongado en los servicios eléctricos públicos y (2) Reducir los costos energéticos y aumentar la eficiencia energética de las instalaciones.

¿Cómo podría afectar el proyecto a la comunidad cercana?

La instalación de estas unidades de cogeneración resultará en un aumento de las emisiones de aire en los alrededores de Bellevue Hospital, pero reducirá el uso general de energía de la instalación. Se ha elaborado un modelo de calidad del aire para asegurarse de que la adición de estas unidades no afectará la calidad del aire ambiental. La instalación de estos nuevos motores de última generación creará resiliencia para el hospital en caso de eventos climáticos extremos o cortes de energía, lo que en última instancia beneficiará a los miembros de la comunidad que utilizan los servicios del hospital. La participación en los Programas de Respuesta Coordinada a la Demanda también ayudará a reducir la tensión en la red eléctrica para evitar cortes de energía en la Ciudad de Nueva York.

¿Cómo puedo participar en el proceso de revisión del permiso?

- Asista a la próxima reunión pública virtual programada para el martes, 12 de septiembre de 2023 a las 6:30 p. m. para obtener información sobre el proyecto, hacer preguntas o expresar sus inquietudes sobre el proyecto.
- Si tiene alguna pregunta o inquietud, o si le gustaría brindar su opinión o hacer comentarios, puede hacerlo por escrito, por teléfono o por correo electrónico al contacto del proyecto que se indica a continuación.

¿Dónde puedo obtener más información acerca del proyecto propuesto?

- Visite el repositorio de documentos en línea en: https://www.nychealthandhospitals.org/cogen- energy-system/ para obtener materiales de solicitud, documentos relevantes e información sobre el proyecto.

- Comuníquese con Anthony Muhlig por teléfono al 516-974-9712, por correo electrónico a amuhlig@guthdeconzo.com o por escrito a: 1983 Marcus Ave., Suite 103 | Lake Success, NY 11042 para obtener información sobre el proyecto, instrucciones sobre cómo asistir a la próxima reunión pública virtual o para conocer el estado de la solicitud del permiso y el período de comentarios públicos.

¿Quién es responsable de revisar la solicitud de permiso?

- La sede de la Región 2 de NYSDEC, 47-40 21st St., Long Island City, NY 11101, es responsable de revisar y emitir los permisos solicitados. Tel.: (718) 482-4997; correo electrónico: DEP.R2@dec.ny.gov

APPENDIX D
Frequently Asked Questions
(For Document Repository)

NYC HEALTH+ HOSPITALS | Bellevue

Cogeneration System

Frequently Asked Questions

What is cogeneration (Cogen) and how will it work at NYC Health + Hospitals/Bellevue?

Cogeneration (Cogen) is a process that generates two forms of energy (electricity and heat) from a single fuel source. Natural gas is burned to drive an engine which provides the torque to spin a generator and produce electricity. Also known as Combined Heat and Power (CHP), Cogen captures and reuses the engine's exhaust waste heat to reuse it in multiple ways.

Large facilities, such as hospitals, are increasingly turning to Cogen to boost energy efficiency, save money, and relieve pressure on the existing electrical grid. Cogen provides a reliable backup energy source in case of power failure or other disasters.

Bellevue's new Cogen system will consist of two new gas engines that will generate approximately 4 Megawatts of electricity every hour of operation. The waste heat captured during the operation of the engine's cooling system will be used to make hot water, low-pressure steam, and other uses that the hospital requires for uninterrupted patient care.

Why is Bellevue switching to a Cogen system?

NYC Health + Hospitals is taking steps to advance sustainability and climate action goals by implementing this project. Cogen systems provide considerable environmental and economic benefits over purchased electricity:

+ The new Cogen system will help Bellevue achieve greater campus resiliency by enabling the hospital to maintain its mission-critical functions even when the electric grid is not available and emergency generators fail.
+ As a power-producing resource, Cogen reduces the demand on the grid, enhancing its stability and relieving the congestion that can lead to brownouts and blackouts.
+ Bellevue will continue to purchase power and steam from the local utility provider, though the quantities will be significantly reduced. An on-site Cogen system will typically generate electricity at a less expensive rate than purchasing the same amount of electricity. This is primarily because Cogen systems use less fuel to produce the same amount of electrical energy, resulting in lower energy bills for the hospital.
+ Power from the Cogen unit is expected to produce electricity to meet 60 percent of the hospital's power needs during the winter and 40 percent during the summer
+ Cogen systems capture and use heat that would otherwise be wasted from the production of electricity, decreasing the amount of fuel needed to produce the same amount of energy. A Cogen module produces the least amount of carbon dioxide per kilowatt (kW) of useful work of any comparable fossil fuel heat source.
+ A Cogen module produces the least amount of carbon dioxide per kilowatt (kW) of useful work of any comparable fossil fuel heat source. By consuming less fuel per unit of energy produced, Cogen systems significantly reduce other greenhouse gas emissions and pollutants such as nitrogen oxide and sulfur dioxide.
+ Cogen is a key component of NYC Health + Hospital's compliance with Local Law 97 which outlines the City's commitment to reducing greenhouse gas emissions by at least 50 percent by 2030.

CONTINUED ▸

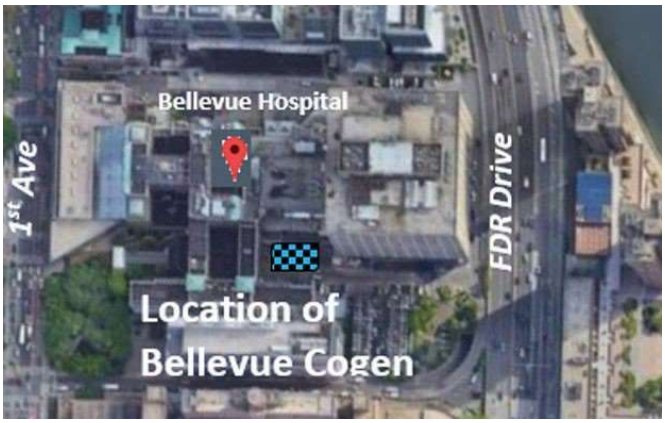
How will the Cogen system impact the surrounding community?

+ The Cogen system is a self-contained unit located in the hospital's South Parking Lot, which is enclosed on three sides by the Bellevue campus. The system is not visible from the street or sidewalks.
+ Construction will not impact pedestrian or vehicular traffic, nor interrupt access to the emergency room or hospital entrances. There will be no significant increase in noise levels during construction.
+ Project completion would result in an overall reduction in greenhouse gas emissions within the local community, and generate less demand for water resources. The project is part of the hospital's efforts to reduce its carbon footprint and meet New York State and City initiatives to curtail and eventually achieve net zero greenhouse gas emissions.

Will flooding and rising sea levels affect the Cogen system?

The Cogen plant will improve Bellevue's ability to handle storm events. Equipment is being designed and positioned specifically to maintain operation during severe weather conditions.

All the key equipment in the new Cogen system will be built above the anticipated 500-year flood level.



As utility work progresses on campus, we have already relocated critical equipment to elevations that will not be prone to flood damage in the future.

How common is Cogen in North America?

Currently, Cogen applications supply approximately 8 percent of all the energy consumed in the United States. Other hospital systems, including NYU Langone, in the proximal area to Bellevue have switched to Cogen for the benefits identified above.

Additional Information on Cogen Systems

View the EPA website for additional details about the benefits of cogeneration in terms of efficiency, cost-effectiveness, and environmental impact.

NYC HEALTH+ HOSPITALS Bellevue