

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 cogeneration 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 Tuesday, September 12, 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.nyhealthandhospitals.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