Lisa F. Garcia
Commissioner

Angela Licata
Deputy Commissioner
Bureau of Sustainability

NEGATIVE DECLARATION

October 8, 2026

Installation of Two New Cogeneration Units at New York City Health and Hospitals Corporation-Bellevue Hospital

CEQR No. 23DEP032M

The New York City Health and Hospitals Corporation-Bellevue Hospital, located on Block 962, Lot 100 at 462 First Avenue, Manhattan, New York 10016 is proposing to operate a Combined Heat and Power (CHP) system at the facility. The proposed CHP system, comprising two (2) natural gas-fired Cogeneration engines with 1982 kW rating each, is anticipated to operate continuously to provide electrical and thermal energy to the facility 24 hours a day. The CHP units are housed in an existing open lot on site.

The primary goal of the proposed project is to enhance the overall energy efficiency, energy security, and energy resilience of Bellevue Hospital by generating on-site power and heat to reduce its dependence of external power sources such as utility grid electricity supply. Both the Cogeneration engines would be equipped with a Selective Catalytic Reduction (SCR) and Oxidation Catalyst System for reduction of nitrogen oxides (NOx), carbon monoxide (CO), and volatile organic compounds (VOC) emissions.

The proposed project requires work permits to construct and certificates to operate from the New York City Department of Environment (NYCDEP), as well as a modification to the New York State Department of Environmental Conservation Air State Facility Permit. NYCDEP's Bureau of Environmental Planning and Analysis has concluded that the proposed action is classified as Unlisted Action.

Potential Impact Assessment

Air Quality

An air quality dispersion modeling analysis was conducted to evaluate emissions of particulate matter (PM10 and PM2.5) and nitrogen dioxide (NO2) since these pollutants are the primary pollutants of concern for fuel burning sources. The model used design information for stack exhaust parameters and United States Environmental Protection Agency emission factors for particulate matter, and a maximum emission rate for oxides of nitrogen based on the selective catalytic reduction control being installed. A comprehensive receptor network was developed for locations with continuous public access, including buildings with operable windows, air intakes, terraces and balconies, as well as ground level receptors. The maximum predicted pollutant concentrations of PM2.5 and NO2 from the proposed project were below both the applicable National Ambient Air

Quality Standards and CEQR *de minimis* criteria. Hence, the proposed project would not result in significant adverse air quality impacts.

Energy

The With-Action and No-Action scenarios' energy consumption pattern was analyzed. The proposed project would enhance the overall energy efficiency, energy security, and energy resilience of New York City Health and Hospitals Corporation-Bellevue Hospital by generating on-site power and heat to reduce its dependence of external power sources such as utility grid electricity in alignment with the OneNYC Sustainability plan.

Greenhouse Gas

The With-Action and No-Action scenarios' greenhouse gas emissions (GHG) were calculated based on the total operational energy consumption of the facility. Based on the electrical and thermal recovery efficiency and fuel consumption per manufacturer's specifications, there is a net negative GHG emission with the introduction of the CHP units. Avoided GHG emissions from displaced grid electricity and district steam are greater than the gross GHG emssions from natural gas use by the CHP units.

Noise

The project would be a stationary noise source. However, the mechanical systems for the proposed project have been designed to meet all applicable noise regulations. The Cogeneration engines would be in a sound-attenuating enclosure and equipped with silencers to avoid producing noise levels that would result in significant increases in ambient noise levels. The project would not exceed the CEQR incremental threshold of 3 dbA and therefore would not have any potential for any significant adverse noise impact on the facility and or to the nearby residences in the area.

Statement of No Significant Effect

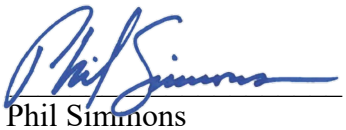
This Negative Declaration has been prepared in compliance with the State Environmental Quality Review Act authorized by Article 8 of the Environmental Conservation Law establishing the New York State Environmental Quality Review Act (SEQRA) and its implementing regulations set forth in 6 NYCRR Part 617, and the New York City Environmental Quality Review (CEQR) process, as set forth in Executive Order 91 of 1977 and its amendments. The New York City Department of Environmental Protection, as the lead agency, based on the abovementioned analysis, has determined that the proposed action would not result in any potential significant adverse impacts on the quality of the environment.

Supporting Statements

The above determination is based on an environmental assessment which finds that the project, as proposed, would not result in significant effects on the environment that would require the preparation of an Environmental Impact Statement.

For Further Information Contact:

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