

A. INTRODUCTION

This chapter relies on the analysis from the Fresh Kills Park Final Generic Environmental Impact Statement (FGEIS) and summarizes the conclusions drawn from that analysis. No additional analysis was warranted for this SEIS as it pertains to Chapter 15, “Energy.”

The proposed project analyzed in the FGEIS would generate a new demand for energy at the site. Currently that demand is limited to the existing New York City Department of Sanitation (DSNY) facilities at the site including the DSNY landfill systems (e.g., the leachate plant and conveyance systems) and the energy provided to DSNY operated services and structures. With the proposed project analyzed in the FGEIS there would be new recreational fields with lighting, park and street lighting, and lighting of the various commercial and cultural facility spaces. This chapter assesses the potential for the proposed project to impact the delivery of energy to the area or the project site. It considers the net incremental impact between the conditions in the future without the proposed project and the future with the proposed project under the two analysis years, 2016 and 2036.

B. METHODOLOGY

As described below, this chapter presents data on the existing energy distribution system and estimated energy usage for existing conditions; determines future energy demands with the proposed project for the two analysis years using energy usage rates for typical land uses provided in the *New York City Environmental Quality Review (CEQR) Technical Manual* and other available literature sources; and assesses the effects of this incremental energy demand on the local distribution system and regional energy supplies. In addition, this chapter describes the proposed design features that would be incorporated into the project for the purposes of minimizing project demands on these energy systems.

C. CONCLUSIONS

The FGEIS concluded that the proposed project would increase energy demands; however, relative to the capacity of these systems within the City and the current levels of service within the grid, these added demands would be insignificant. Improvements for local site connections would be installed by Consolidated Edison, as necessary, with respect to the local electrical distribution system. These improvements are expected to provide typical local upgrades in electrical line connections and no major improvements are anticipated. New electrical lines are proposed within the beds of the park roads that would be constructed as part of the proposed project. Moreover, the proposed project would have a sustainability program that would reduce energy demand from what would otherwise be expected in a conventionally designed energy system and would also provide the opportunity for renewable on-site sources for energy. It is therefore concluded that the energy demands of the proposed project would not result in a

Fresh Kills East Park Roads SEIS

significant impact on energy demands in the region or the City as a whole, and with the proposed improvements to the distribution network, no impact would occur locally with respect to electrical or gas utilities.

These conclusions also apply to the SEIS.

*