Chapter 13: Energy

According to the *CEQR Technical Manual*, all new structures requiring heating and cooling are subject to the New York City Energy Conservation Code. Therefore, the need for a detailed assessment of energy impacts is limited to projects that may significantly affect the transmission or generation of energy. However, a project's operational energy consumption is often calculated. Therefore, since the proposed project would not significantly affect the transmission or generation of energy, this chapter of the EIS presents an estimate of the proposed project's energy consumption.

Table 13-1
Estimated Operational Energy Demand (million BTU per year)

Use	Area (SF)	BTU/sf[1]	Total
Large Residential (>4 family)	165,000	.1267	20,906
Commercial[2]	155,000	.216	33,480
Cultural/community facility[3]	25,000	.251	6,275
		Total	**60,661**

Notes:
All areas are approximate.
[1] BTUs expressed in millions per sf
[2] Includes hotel and retail uses
[3] The energy rate for cultural/community facility uses was assumed to be comparable to the energy rate for institutional uses.
Source: *CEQR Technical Manual* Table 15-1

It is expected that the proposed project, when operational, would consume approximately 60,661 million British Thermal Units (BTUs) per year (see **Table 13-1**). This would not be considered a significant demand for energy and the project site would be served by available energy suppliers. The proposed project would comply with the New York State Energy Conservation Code and would not affect the transmission or generation of energy. Therefore, the proposed project would not result in significant adverse impacts to the consumption or supply of energy. ✷