

**ENVIRONMENTAL ASSESSMENT FORM
SUPPLEMENTAL INFORMATION ATTACHMENT**

**Glenwood Substation Transformer Shop (Maintenance) Building Façade Demolition
and Temporary Transmission Bypass
("Modified Proposed Action")**

Description of the Proposed Action

The Glenwood Substation Transformer Shop (Maintenance) Building Façade Demolition project (the "Original Project") was previously evaluated under SEQRA, and Long Island Power Authority (LIPA) issued a negative declaration pursuant to SEQRA on August 11, 2021.

Modifications to the Original Project include the installation of a temporary overhead transmission bypass located at and in the immediate vicinity of the existing LIPA Glenwood Substation, herein referred to as the "Proposed Action". The Original Project and the Proposed Action are collectively referred to as the "Modified Proposed Action". The location of the Modified Proposed Action is depicted on Figure 1.

A Short Environmental Assessment Form (SEAF) and supporting documents were prepared to evaluate the potential impacts of the Original Project for which LIPA issued a Negative Declaration dated August 11, 2021. The evaluation and determination are incorporated here by reference. The Original Project consists of: (i) the demolition and removal of the transformer shop (maintenance) building exterior brick façade and building appurtenances (windows, doors, frames, miscellaneous non-structural metal pipes, interior building overhead crane, miscellaneous equipment located within the building, etc.). Following the removal of the transformer building brick façade, the interior existing steel lattice structure will be repaired, as needed, sandblasted, and repainted; (ii) the replacement of one existing steel stairway that provides access to the elevated switch yard and is located adjacent to the transformer building; (iii) the installation of a second new steel stairway at the rear of the elevated switch yard; (iv) the demolition of a concrete and cinder block retaining wall surrounding the substation switch yard; and (v) installing fencing around the south and east sides of the substation, connecting to the existing fence. Original Project site features are depicted on Figure 2.

The Original Project is being undertaken as a result of a structural assessment that concluded that the structural integrity of the transformer shop (maintenance) building façade, existing steel stairway, and switch yard retaining wall are compromised, present a potential safety hazard, and have reached the end of their service life. In order to complete the Original Project activities, construction scaffolding must be erected adjacent to the transformer shop (maintenance) building. However, the scaffolding would be located approximately 7 feet from an existing 69 kilovolt (kV) transmission circuit. Therefore, the Modified Proposed Action will include a temporary transmission bypass (the "Proposed Action"), which must be installed in order to provide safe clearances for workers on or near the scaffolding.

The Proposed Action will include relocation of approximately 380 linear feet of an existing overhead transmission circuit and underbuilt distribution from the east side of Shore Road to the west side of Shore Road. To accommodate this bypass, two new wood 70-foot transmission poles that will extend to approximate heights of 60 feet above grade will be installed on the west side of Shore Road; and one new wood 75-foot transmission pole that will extend to an approximate height of 61 feet above grade will be installed on the east side of Shore Road. Guy wires and anchors will be installed as needed to support these poles. The bypass will be removed and the transmission circuit will be relocated to its original configuration upon completion of all the other construction activities associated with the Original Project. The Proposed Action is depicted on Figure 3.

SEQRA Findings

Based on a review of the Proposed Action's scope of work in accordance with the requirements of SEQRA, a Short Environmental Assessment Form Parts 1, 2 & 3 ("SEAF") was prepared to evaluate whether the Proposed Action increased the potential impacts of the Original Project or had the potential for new significant impacts. The Proposed Action is an "Unlisted" Action as defined in SEQRA.

The SEAF evaluates the effect of the Proposed Action upon land use, natural resources, visual resources and character of the areas, energy use, environmental hazards and human health resources. Key findings are outlined below.

- The new transmission poles on the west side of Shore Road will be located within an existing distribution pole alignment that consists of 50 to 70-foot wood poles extending to approximate heights of 43 to 61 feet above grade. The new transmission pole on the east side of Shore Road will be located within an existing transmission pole alignment that consists of 70-foot wood transmission poles that extend to approximate heights 61 feet above grade. In addition, abundant overhead electrical infrastructure exists in the vicinity of the new poles, which includes the existing LIPA Glenwood Substation switch yard, substation support structures and steel transmission poles, which extend to heights of approximately 150+ feet above grade (see Figure 3). Given that the new transmission poles will be located within existing pole alignments, as well as the abundance of overhead infrastructure in the vicinity of the work that is consistent in both height and appearance, the bypass activities do not have the potential for significant adverse visual or land use impacts, nor do they have the potential to increase the potential for visual or land use impacts to the Original Project.
- The Proposed Action is not located adjacent to any additional properties that are listed or eligible for listing on the State or National Register for Historic Places, beyond what was identified for the Original Project. The Original Project is located adjacent to two residential buildings on West Street that are eligible for listing on the State or National Register for Historic Places. The work area for the overall Modified Proposed Action will be limited to the existing substation and adjacent areas along Shore Road, which are not adjoining or adjacent to these buildings. Therefore, the Proposed Action will not have the potential to increase any impacts to these resources.

- Similar to the Original Project, the Proposed Action is located within a New York State Office of Parks, Recreation and Historic Preservation (OPRHP) designated archaeologically sensitive area. A consultation request was submitted to OPRHP on April 28, 2021 for the Original Project. OPRHP responded in a letter dated April 30, 2021 indicating that the Original Project would have no impact on historic properties, including archaeological and/or historic resources (see Attachment A). The Proposed Action will involve work within the same immediate area as the Original Project. The Proposed Action will be completed along previously disturbed areas along Shore Road, and therefore will not result in the potential for any new or increased significant adverse impacts to archaeological resources.
- Similar to the Original Project, the Proposed Action is not located within any state or federally regulated wetlands, regulated wetland adjacent areas or critical environmental area (CEA). Although the EAF Mapper identified that the Proposed Action was located on or adjoining state or federally-regulated wetlands/waterbodies, a review of the New York State Department of Environmental Conservation (NYSDEC) freshwater and tidal wetland maps indicate that project activities are located landward of presently existing functional and substantially fabricated structures or at an elevation greater than 10 feet above mean sea level (6 CRR-NY 661.4(b)(ii) and (iii)), and therefore not within wetland jurisdiction. Therefore, the Proposed Action will not result in any significant adverse impacts to these areas.
- The Proposed Action is located within the New York State Coastal Zone and the bypass work represents a modification to the original coastal zone assessment. Therefore, a New York State Coastal Assessment Form was completed for the bypass (inclusive of the Original Project) and submitted to New York State Department of State (NYS DOS) (see Attachment B for all related coastal zone documentation). The Modified Proposed Action will be consistent with and will not substantially hinder the achievement of any of the coastal policies set forth in 19 NYCRR Part 600.5.
- As identified in the August 11, 2021 Negative Declaration for the Original Project, one State-listed endangered animal species (peregrine falcon) is potentially located in the vicinity of the Original Project. The peregrine falcon nests mostly on cliffs; however, they have been found in urban areas as they have adapted to using tall buildings or man-made structures. A second State-listed endangered animal species (bald eagle) is potentially located in the vicinity of the Proposed Action. Bald eagles prefer undisturbed areas near large lakes and reservoirs, marshes and swamps, or stretches along rivers where they can find open water and fish. As the Proposed Action does not involve the demolition of any structures that could contain potential habitat for either species, there will be no potential for new or increased significant adverse impacts to these species.
- The Proposed Action is not located within or adjoining any NYSDEC Remediation Sites. Therefore, the Proposed Action does not have the potential to increase any contamination or remediation site-related impacts for the Original Project.
- Portions of the Proposed Action will be completed within the 100-year floodplain; the Original Project was not located within the 100-year floodplain. The Proposed Action activities will result in little to no increase in impervious area. Therefore, these activities

will not result in significant adverse impacts to flood levels, flood risk, or the flow of floodwaters on the project site or within the project vicinity.

- The Original Project involves a building materials assessment to identify the absence or presence of hazardous materials such as asbestos-containing materials (ACM), lead-based paint (LBP) and polychlorinated biphenyls (PCBs), and the associated abatement of these materials prior to building demolition activities. The Proposed Action involves the installation of new structures; no demolition or abatement will be necessary. Therefore, the Proposed Action will not have the potential to increase any impacts associated with these materials.