

**STATE OF NEW YORK
PUBLIC SERVICE COMMISSION**

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Application of PSEG Long Island LLC :
on Behalf of and as Agent for the Long :
Island Lighting Company d/b/a LIPA for :
a Certificate of Environmental Compatibility : Case 25-T-
and Public Need Pursuant to Article VII of :
the Public Service Law for the Syosset :
to Oakwood Project :
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APPLICATION

PSEG Long Island LLC, on behalf of and as agent for the Long Island Lighting Company d/b/a LIPA, a wholly-owned subsidiary of the Long Island Power Authority (the “Applicant”), submits this Application¹ pursuant to PSL Article VII and the Commission’s regulations thereunder for a Certificate of Environmental Compatibility and Public Need for the construction, operation and maintenance of the above-captioned Project.

As specified in Section 122 of the PSL and Section 85-2.8 of the Commission’s Regulations, this Application contains the following information:

- A. Description of the Project;
- B. Project Location;
- C. Description of Reasonable Alternative Routes and Technologies;
- D. Summary of Environmental Studies and Impacts;
- E. Need for the Project; and
- F. Other Relevant Information.

A. Description of the Project

The Syosset to Oakwood Project is the installation of a new approximately 2.8-mile 138kV underground electric transmission line primarily within roadway ROW between Woodbury Tap and Oakwood Substation; the installation of new riser and transmission poles at Woodbury Tap; the installation of new facilities at Oakwood Substation on property to the north of the current

¹ For clarity and consistency, the Application includes a Glossary that defines terms and acronyms used throughout the Application.

substation facilities; and modifications to portions of existing Lines 138-675 and 138-676² located between Woodbury Tap and Oakwood Substation.

A combination of different construction methods would be used to install the underground conduits and overhead lines. The Project would generally use open-cut trench excavation methods, but a trenchless crossing method is anticipated for the at-grade crossing of the LIRR into Oakwood Substation. Underground splice vaults, which serve to install and connect successive lengths of cable, would be installed at approximate intervals of 2,000 to 2,500 feet.

B. Project Location

Exhibit 2 of the Application describes the Project location in detail. The Project will be located within the Town of Oyster Bay, Nassau County and the Town of Huntington, Suffolk County. The underground transmission line component of the Project will be constructed primarily within roadway ROW. The Applicant currently has franchise rights which allow it to install electric facilities in roadways along the general alignment of the proposed route of the Project. The Applicant owns in fee the parcels where the Project will be located at Woodbury Tap (including Woodbury Terminal South) and Oakwood Substation, and will require the acquisition of a new permanent easement over private land to enter Oakwood Substation from the north.

The Project includes construction of a 138kV cross-linked polyethylene (“XLPE”) transmission line starting at Woodbury Tap, running along Woodbury Road, West Pulaski Road, Oakwood Road, and West 11th Street, and terminating at Oakwood Substation.

The Project includes installation of three new transmission poles at Woodbury Tap (one on the north side of the LIRR tracks and two at Woodbury Terminal South on the south side) and new pothead structures on the Oakwood Substation property to the north of the current substation facility.

² Line 138-676 was authorized by the Commission in an Article VII Certificate issued on November 21, 1972 in Case 26089.

Detailed maps, drawings and explanations showing the proposed route for the Project are set forth in various exhibits to this Application.

C. Description of Reasonable Alternative Routes and Technologies

Exhibit 3 of the Application provides a description of the Applicant's evaluation of alternative routes and alternative methods to fulfill the need for which the Applicant proposes the Project. Alternative routes, including the use of other roads, existing utility, railroad and transportation corridors, and overhead versus underground construction, have been considered as alternative solutions to the Project to fulfill such need.

D. Summary of Environmental Studies and Impacts

Environmental studies and environmental impact assessments were prepared and are ongoing to identify, avoid, and minimize any potentially adverse environmental impacts of the Project. Such studies and assessments utilize desktop and field investigations, literature reviews, and agency consultations. Exhibit 4 of the Application contains detailed descriptions and summaries of these studies and assessments.

In sum, the studies and assessments to date conclude that the Project will result in limited, temporary adverse environmental effects, which will occur primarily during the construction phase. Due to the nature of the Project as a transmission facility located primarily underground within roadway ROW and within LIPA-owned utility properties, the Applicant has avoided or minimized the potential for the Project to result in adverse impacts in the following areas: Land Uses, Visual Resources, Cultural Resources, Wildlife, Protected Plant and Animal Species, Wetlands and Aquatic Resources, Topography and Soils, Sound, and Magnetic Fields.

Nearby residences may experience short term disturbance and traffic inconvenience associated with Project construction activities. To minimize potential construction effects, the Applicant will provide timely information to the owners and occupants of adjacent properties regarding the schedule of planned construction activities and will coordinate with state and local transportation and safety officials to develop and implement traffic control measures.

E. Need for the Project

Exhibit E-4 of the Application details the need for this Project to improve the reliability of service to LIPA's customers on Long Island. The Project has been proposed, in part, based on the Applicant's selection as one of the developers chosen by the NYISO in the LI PPTN process, and includes facilities that the Applicant has exercised its right to construct under the NYISO tariff.

F. Other Relevant Information

Exhibit 1 of the Application provides the name, address and phone number of the Applicant; the name and address of the Principal Officer of the Applicant; and the names and addresses of those persons upon whom documents and correspondence are to be served.

The Application, particularly Exhibits 5, E-1 and E-4, shows that the Commission's grant of the Certificate will not be inconsistent with, and will not interfere with, the attainment of the statewide greenhouse gas emissions limits in Article 75 of the ECL established by Section 2 of the CLCPA. The Project will contribute to the development of a robust and adaptable transmission grid that will help to facilitate the integration of renewable technologies consistent with the CLCPA. Additionally, the Project will not disproportionately burden any DAC.

G. Conclusion

The Applicant respectfully requests that the Commission issue an order pursuant to Article VII of the PSL granting the following:

- 1) A Certificate of Environmental Compatibility and Public Need to the Applicant authorizing the construction, operation and maintenance of the Project described herein; and
- 2) Such other and further authorizations, consents, certifications, permissions, approvals, waivers and permits, as may be necessary, for the construction, operation and maintenance of the Project described herein.

Dated: April 15, 2025