

Appendix C

Coastal Assessment Form (CAF)

NEW YORK STATE DEPARTMENT OF STATE
COASTAL MANAGEMENT PROGRAM

Coastal Assessment Form

A. INSTRUCTIONS (Please print or type all answers)

1. State agencies shall complete this CAF for proposed actions which are subject to Part 600 of Title 19 of the NYCRR. This assessment is intended to supplement other information used by a state agency in making a determination of significance pursuant to the State Environmental Quality Review Act (see 6 NYCRR, Part 617). If it is determined that a proposed action will not have a significant effect on the environment, this assessment is intended to assist a state agency in complying with the certification requirements of 19 NYCRR Section 600.4.
2. If any question in Section C on this form is answered "yes", then the proposed action may affect the achievement of the coastal policies contained in Article 42 of the Executive Law. Thus, the action should be analyzed in more detail and, if necessary, modified prior to either (a) making a certification of consistency pursuant to 19 NYCRR Part 600 or, (b) making the findings required under SEQ, 6 NYCRR, Section 617.11, if the action is one for which an environmental impact statement is being prepared. If an action cannot be certified as consistent with the coastal policies, it shall not be undertaken.
3. Before answering the questions in Section C, the preparer of this form should review the coastal policies contained in 19 NYCRR Section 600.5. A proposed action should be evaluated as to its significant beneficial and adverse effects upon the coastal area.

B. DESCRIPTION OF PROPOSED ACTION

1. Type of state agency action (check appropriate response):
(a) Directly undertaken (e.g. capital construction, planning activity, agency regulation, land transaction) x
(b) Financial assistance (e.g. grant, loan, subsidy) _____
(c) Permit, license, certification _____
2. Describe nature and extent of action: See Section E

3. Location of action:

<u>Suffolk</u>	<u>Hamlet of East Shoreham, Town of Brookhaven</u>	<u>1 Lilco Road</u>
County	City, Town or Village	Street or Site Description
4. If an application for the proposed action has been filed with the state agency, the following information shall be provided:
(a) Name of applicant: PSEG Long Island as Agent for Long Island Lighting Company d/b/a LIPA, a wholly owned subsidiary of the Long Island Power Authority
(b) Mailing address: 999 Stewart Avenue, Bethpage, New York 11714
(c) Telephone Number: Area Code (631) 428-2986
(d) State agency application number: NA
5. Will the action be directly undertaken, require funding, or approval by a federal agency?
Yes _____ No x If yes, which federal agency? _____

C. COASTAL ASSESSMENT (Check either "YES" or "NO" for each of the following questions)

- | | YES | NO |
|--|--|--|
| 1. Will the proposed activity be <u>located</u> in, or contiguous to, or have a <u>significant effect</u> upon any of the resource areas identified on the coastal area map: | | |
| (a) Significant fish or wildlife habitats? | <input checked="" type="checkbox"/> <u>X</u> | ___ |
| (b) Scenic resources of statewide significance? | ___ | <input checked="" type="checkbox"/> <u>X</u> |
| (c) Important agricultural lands? | ___ | <input checked="" type="checkbox"/> <u>X</u> |
| 2. Will the proposed activity have a <u>significant effect</u> upon: | | |
| (a) Commercial or recreational use of fish and wildlife resources? | ___ | <input checked="" type="checkbox"/> <u>X</u> |
| (b) Scenic quality of the coastal environment? | ___ | <input checked="" type="checkbox"/> <u>X</u> |
| (c) Development of future, or existing water dependent uses? | ___ | <input checked="" type="checkbox"/> <u>X</u> |
| (d) Operation of the State's major ports? | ___ | <input checked="" type="checkbox"/> <u>X</u> |
| (e) Land and water uses within the State's small harbors? | ___ | <input checked="" type="checkbox"/> <u>X</u> |
| (f) Existing or potential public recreation opportunities? | ___ | <input checked="" type="checkbox"/> <u>X</u> |
| (g) Structures, sites or districts of historic, archeological or cultural significance to the State or nation? | ___ | <input checked="" type="checkbox"/> <u>X</u> |

3. Will the proposed activity involve or result in any of the following:
- (a) Physical alteration of two (2) acres or more of land along the shoreline, land under water or coastal waters? X
 - (b) Physical alteration of five (5) acres or more of land located elsewhere in the coastal area? X
 - (c) Expansion of existing public services of infrastructure in undeveloped or low density areas of the coastal area? X
 - (d) Energy facility not subject to Article VII or VIII of the Public Service Law? X
 - (e) Mining, excavation, filling or dredging in coastal waters? X
 - (f) Reduction of existing or potential public access to or along the shore? X
 - (g) Sale or change in use of state-owned lands located on the shoreline or under water? X
 - (h) Development within a designated flood or erosion hazard area? X
 - (i) Development on a beach, dune, barrier island or other natural feature that provides protection against flooding or erosion? X
4. Will the proposed action be located in or have a significant effect upon an area included in an approved Local Waterfront Revitalization Program? X

D. SUBMISSION REQUIREMENTS

If any question in Section C is answered "Yes", AND either of the following two conditions is met:

Section B.1(a) or B.1(b) is checked; or
 Section B.1(c) is checked AND B.5 is answered "Yes",

THEN a copy of this completed Coastal Assessment Form shall be submitted to:

New York State Department of State
 Office of Coastal, Local Government and Community Sustainability
 One Commerce Plaza
 99 Washington Avenue, Suite 1010
 Albany, New York 12231-0001

If assistance or further information is needed to complete this form, please call the Department of State at (518) 474-6000.

E. REMARKS OR ADDITIONAL INFORMATION

Project Description:

The Proposed Action is the construction and operation of an approximately 50-megawatt (MW) Lithium-Ion Battery Energy Storage System Facility (BESS Facility), relocation of an existing training facility, and installation of a new underground (UG) generation interconnect line.

Components of the BESS Facility include the following: battery modules; augmentation (CMA) units; medium voltage (MV) transformer units; one (1) auxiliary load transformer; a staging/storage area and associated storage shipping container; a project substation with a control building; and a new UG generation interconnect line. A water connection/fire hydrant will also be established adjacent to the BESS Facility to the west for emergency response purposes.

Components of the project substation include the following: feeder breaker bays, disconnect switches, bus supports, and a main power transformer (MPT), circuit breakers, and an underground generation interconnect line which will connect the project substation to the existing LIPA substation. Upgrades to the existing LIPA substation will also be implemented prior to it being connected to the project substation via the interconnect line. These upgrades include installation disconnect switches, one (1) circuit breaker, metering PT & CT, a termination structure with a ground switch, and an enclosure to contain the additional relay panels for the interconnection.

The area where the BESS Facility is proposed currently houses a training facility. Site work in this area is anticipated to include: removal of the existing metal trailer; removal of electrical, water, drainage, and sanitary infrastructure; removal and disposal of concrete walls, curbs and columns, portions of the existing fencing, the existing gravel driveway, and areas of existing grass cover; construction of internal site driveways; construction of internal site driveways; installations of chain link fencing where needed; installation of a stormwater management system consisting of drywells and associated yard inlets consistent with NYSDEC standards; and installation of the aforementioned underground interconnection line. The existing training facility will be relocated to just east of where the BESS Facility will be located. Site work in this area is anticipated to include: demolition of the existing two-story administrative building; relocation of the existing metal trailer as described above; and general site preparation (e.g. grading, stabilization).

Additional Information on CAF:

1(a): The Proposed Action is located adjacent to the Wading River Marsh and Beach and Herod Point Shoal significant coastal fish and wildlife habitats. Any activity that would substantially degrade water quality at these locations would adversely affect the biological productivity of these habitats. The proposed action will not substantially degrade water quality at the aforementioned habitats, ensuring that the environmental standards for water quality are maintained and no significant adverse impacts are anticipated.

3(d): The Proposed Action consists of the construction of a new BESS Facility, relocation of an existing training facility, and installation of a new UG generation interconnect line. The UG generation interconnect line will transfer energy, but is not subject to Article VII or VIII of the Public Service Law.

Preparer's Name: Justin LaCorte

(Please print)

Title: Environmental Science and Planning Analyst Agency: PSEG Long Island as Agent for the Long Island Lighting Company d/b/a LIPA, a wholly owned subsidiary of the Long Island Power Authority

Telephone Number: (631) 428-2986

Date: 07/24/2024