CENTRAL MAINE POWER

January 25, 2019

Mr. Bill Hinkel
Land Use Planning Commission
Department of Agriculture, Conservation and Forestry
18 Elkins Lane
Augusta, Maine 04330

Mr. James R. Beyer
Maine Department of Environmental Protection
Division of Land Resources Regulation
106 Hogan Road
Bangor, ME 04401

RE: New England Clean Energy Connect Project
Project Design Modification & Beattie Pond Photosimulations

Dear Mr. Hinkel and Mr. Beyer:

Central Maine Power Company (CMP) has evaluated the engineering design associated with transmission line structures adjacent to Beattie Pond in Lowelltown Township on the proposed New England Clean Energy Connect (NECEC) Project. CMP has determined that lowering the structure closest to Beattie Pond (a Management Class 6, remote pond) by 39 feet is feasible. CMP is proposing this redesign to reduce the overall visual impact from the pond; as a result of this redesign, the Project will be minimally visible by recreational users on the pond.

Please find the attached photo simulation package that includes views of the original (September 2017) design and views of the proposed redesign depicting the reduced visibility associated with the new design.

If you have any questions regarding this submittal, please give me a call at (207) 629-9717 or email gerry.mirabile@cmpco.com.

Sincerely,

Gerry J. Mirabile
Manager – Environmental Projects
Environmental Permitting
AVANGRID Networks, Inc.

Enclosures

cc: MDEP Service List; LUPC Service List
File: New England Clean Energy Connect

PHOTOSIMULATION 1: BEATTIE POND, LOWELLTOWN TWP

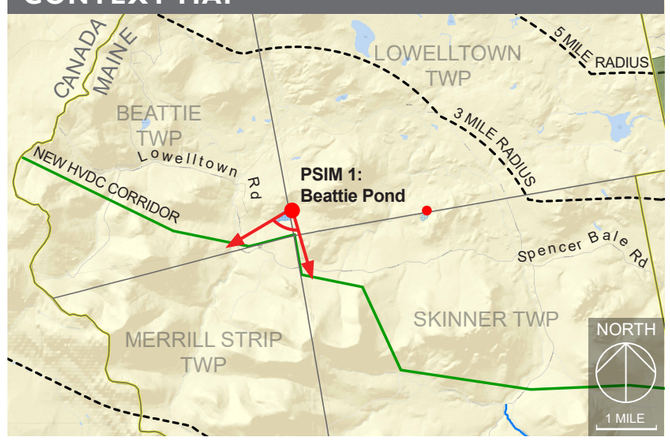
NEW ENGLAND CLEAN ENERGY CONNECT

September 2017 Proposed Conditions: Panoramic view looking southeast to southwest from the northern end of Beattie Pond toward the proposed HVDC transmission line. Beattie Pond is a Management Class 6, Remote Pond. The tops of one structure and conductors will be visible at a distance of 1,300' +/- from this viewpoint. Existing topography and shoreline vegetation will screen the rest of the Project from view. Merrill Mountain is visible on the right side of the image. See Appendix B: Study Area Photographs for additional images.

The original September 2017 caption incorrectly noted the distance between the closest structure and the viewpoint as 1,300 feet, but that distance is actually the approximate distance between the closest structure and the edge of the pond.

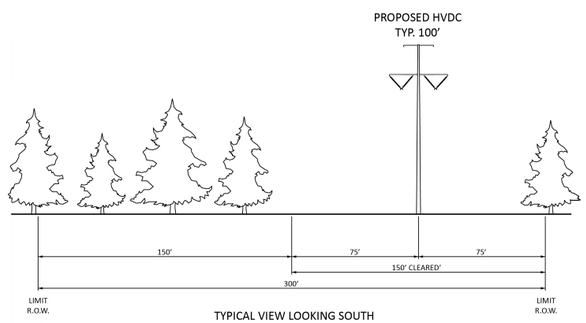
LOCATION MAP

CONTEXT MAP



TECHNICAL INFORMATION

Typical Cross Section



Photograph / Photosimulation Information

Location	45.503894°, -70.631858°
Viewing Direction	Southeast to Southwest
Horizontal Angle of View	86°
Date and Time	07/26/17 at 12:46 pm
Camera Focal Length	35 mm
Camera Make/Model	Nikon D5500
Photo Source	TJD&A
Proposed Structures Visible	1
Approximate Distance to Nearest Visible Structure	2,177 feet

CENTRAL MAINE POWER

tjd&a

September 22, 2017

ORIGINAL SUBMISSION

PHOTOSIMULATION 1: BEATTIE POND, LOWELLTOWN TWP

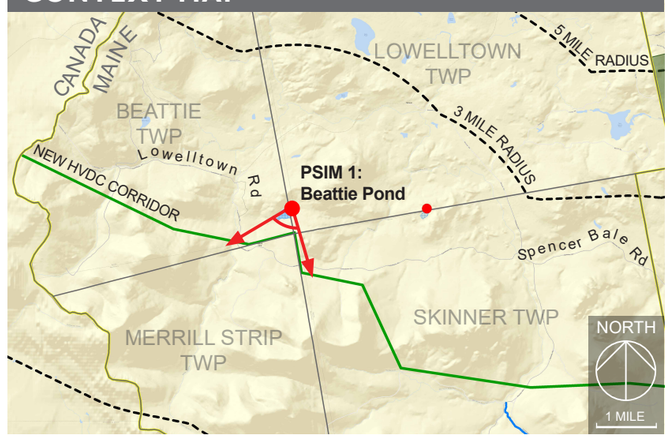
NEW ENGLAND CLEAN ENERGY CONNECT

January 25, 2019 Proposed Conditions: Panoramic view looking southeast to southwest from the northern end of Beattie Pond toward the proposed HVDC transmission line as revised January 25, 2019. Beattie Pond is a Management Class 6, Remote Pond.

By re-engineering the transmission structures near Beattie Pond, the height of the closest structure (# 3006-794) has been reduced by approximately 39 feet below the structure height shown on the September 2017 original submission (see previous page). While a small portion of the top of the structure will still be visible above the treeline from a few areas on the pond, the structure will not appear above the skyline and will therefore be considerably less visually prominent, if it is noticeable at all. The top of Structure 3006-793 will be seen directly behind Structure 3006-794 from this viewpoint on the pond. Also, as a result of the re-engineering, a smaller portion of Structure 3006-795 will be visible above the treeline. In total, the tops of three HVDC structures and their shield wires will be visible just above the treeline, but will no longer be seen against the sky. The self-weathering steel used for the structures will minimize contrasts with the surrounding wooded hillside. Existing topography and shoreline vegetation will screen the rest of the Project from view. The re-engineered design will result in a reduced overall visual impact from the Pond and, as a result, the Project will be minimally noticeable from recreational users on the pond.

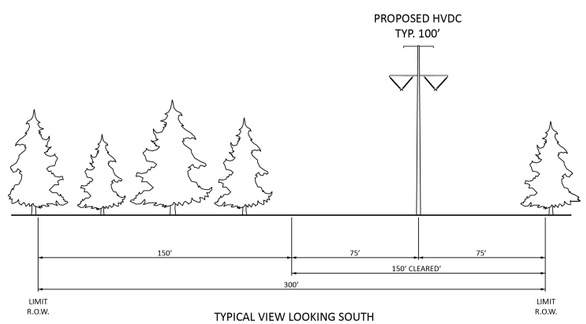
LOCATION MAP

CONTEXT MAP



TECHNICAL INFORMATION

Typical Cross Section



Photograph / Photosimulation Information

Location	45.503894°, -70.631858°
Viewing Direction	Southeast to Southwest
Horizontal Angle of View	86°
Date and Time	07/26/17 at 12:46 pm
Camera Focal Length	35 mm
Camera Make/Model	Nikon D5500
Photo Source	TJD&A
Proposed Structures Visible	3
Approximate Distance to Nearest Visible Structure	2,283 feet

CENTRAL MAINE POWER

tjd&a

September 22, 2017

Revised January 25, 2019

PHOTOSIMULATION 1A: BEATTIE POND, LOWELLTOWN TWP

Existing Conditions: Normal view looking south from Beattie Pond. One existing camp is visible through trees on right in image.

PHOTOSIMULATION 1A: BEATTIE POND, LOWELLTOWN TWP

September 2017 Proposed Conditions: Normal view looking south from Beattie Pond toward the proposed HVDC transmission line. The top of one angle structure and conductors will be visible at a distance of 1,300' +/- from this viewpoint.

The original September 2017 caption incorrectly noted the distance between the closest structure and the viewpoint as 1,300 feet, but that distance is actually the approximate distance between the closest structure and the edge of the pond.

PHOTOSIMULATION 1A: BEATTIE POND, LOWELLTOWN TWP

January 25, 2019 Proposed Conditions: Normal view looking south from Beattie Pond toward the proposed HVDC transmission line. Based on the re-engineered design, the top of two structures (Structures 3006-793 and 3006-794) and shield wires will be visible just above the treeline.

September 22, 2017

PHOTOSIMULATION 1A: BEATTIE POND, LOWELLTOWN TWP

NEW ENGLAND CLEAN ENERGY CONNECT

Existing Conditions: Normal view looking southwest from Beattie Pond. One existing camp is visible through trees on left in image.

THIS NORMAL VIEW WAS NOT INCLUDED IN THE ORIGINAL SUBMISSION

PHOTOSIMULATION 1A: BEATTIE POND, LOWELLTOWN TWP

January 25, 2019 Proposed Conditions: Normal view looking southwest from Beattie Pond toward the proposed HVDC transmission line. Based on the re-engineered design, the top of Structure 3006-793 will be seen directly behind Structure 3006-794 from this viewpoint on the pond (on the left in image), and the top of Structure 3006-795 and shield wires will be visible (in the center of image) just above the treeline.

PHOTOSIMULATION 1A: BEATTIE POND, LOWELLTOWN TWP

January 25, 2019 Proposed Conditions: Normal view looking southwest from Beattie Pond toward the proposed HVDC transmission line. Based on the re-engineered design, the top of Structure 3006-793 will be seen directly behind Structure 3006-794 from this viewpoint on the pond (on the left in image), and the top of Structure 3006-795 and shield wires will be visible (in the center of image) just above the treeline.