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2385 Line Extension Project

Lowell, Tewksbury, and Billerica
Massachusetts

PREPARED FOR

Massachusetts Electric Company d/b/a
National Grid
40 Sylvan Road
Waltham, MA 02451

PREPARED BY



120 Front Street, Suite 500
Worcester, MA 01608
508.752.1001

February 2019

FULL NOTIFICATION SENT TO Development
Services 2/25/19.

February 15, 2019

Secretary Matthew A. Beaton
Executive Office of Energy and Environmental Affairs
Attn: MEPA Office
100 Cambridge Street, Suite 900
Boston, MA 02114

Re: Environmental Notification Form
2385 Line Extension Project
Lowell, Tewksbury, and Billerica, Massachusetts

Dear Secretary Beaton,

On behalf of the Massachusetts Electric Company d/b/a National Grid (the "Proponent"), Vanasse Hangen Brustlin, Inc. is pleased to submit the enclosed Environmental Notification Form (ENF) for the 2385 Line Extension Project (the Project), which will complete work on four sites located in the City of Lowell and Towns of Tewksbury and Billerica in order to increase the electrical load to the Markley Data Center located at 2 Prince Avenue in Lowell, Massachusetts, per Markley Data Center's request. The Project will:

- Extend the existing 2385 distribution line from Woburn Street to the Wigginville Substation and then to the Markley Data Center;
- Extend the existing 2385 distribution line from Wigginville Substation to the Quebec Street Substation;
- Reconductor a portion of the existing 2385 distribution line located along Woburn Street and Billerica Avenue; and
- Remove the existing 309 and 313 sub-transmission lines from Wigginville Substation to the Quebec Street Substation.

The need for the project is to address a request from the Markley Group LLC for Nation Grid to serve a 60MW load for a data center at the abandoned Prince Spaghetti mill building at 2 Prince Avenue. The Project will result in an enhancement of the system's overall operating capabilities and will strengthen the existing transmission system while increasing the reliability of the system by removing impediments to service and construction.

All work will be located along city streets and/or within existing electric transmission/distribution rights-of-way (ROW) between Woburn Street, the Wigginville Substation and/or the Quebec Street Substation and 2 Prince Avenue in Lowell, Massachusetts. The Project is subject to MEPA review because it will result in greater than 5,000 square feet of wetland alteration and the alteration of ½ or more acres of any other wetlands.

Environmental impacts associated with the Project will be limited in nature because the Project will be primarily contained within existing ROW or along city streets. The Project is designed to avoid impacts to Bank and Open Water located within the Project Area and minimize impacts to other resource areas located within the ROW to the greatest extent possible. Construction mats will be used to minimize disturbance

within wetland resource areas where vehicle access is necessary. To the extent possible, the structures will be accessed directly from existing roads within the ROW corridor. Crews will use public roads intersecting the ROW and other established access points to enter the transmission corridor.

We anticipate that the MEPA Office will notice the ENF for public review in the February 20, 2019 edition of the Environmental Monitor and that comments will be due March 12, 2019. The Certificate on the ENF is anticipated to issue on March 29, 2019.


Comments on this ENF can be submitted to the MEPA Office at the following address:

Secretary Matthew A. Beaton
Executive Office of Energy and Environmental Affairs
Attn: MEPA Office, Re: X-24W/E-157 DCT Separation Project
100 Cambridge Street, Suite 900
Boston, MA 02114

Pursuant to 301 CMR 11.16(2), a copy of this ENF will be distributed to those agencies and individuals on the Distribution List (see Attachment C) and additional copies are available upon request. Requests for copies of the ENF can be directed to Eric Olson, VHB - Senior Environmental Scientist, at (508) 513-2740 or via e-mail at eolson@vhb.com.

We look forward to working with you and your staff during the review of this Project.

Very truly yours,



Corey Schutzman
Environmental Scientist

cc:
ENF Reviewers
Ms. Kathleen Hurley, MEC
Ms. Jessica Wall, Anderson & Kreiger LLP
Mr. Timothy Sullivan, VHB