

May 16, 2022

**By Email and Certified Mail**

[Mark.Rielly@nationalgrid.com](mailto:Mark.Rielly@nationalgrid.com)

Mark R. Rielly  
Assistant General Counsel & Director  
National Grid Service Company, Inc.  
40 Sylvan Road  
Waltham, MA 02451

Re: Petition of New England Power Company for a Grant of Location for Electric Transmission Lines (N-192 Cable Replacement Project)

Dear Mr. Rielly:

I am writing to follow up on a few matters that have come up during the City Council's public hearing on the referenced matter. Please provide written responses to the following three information requests prior so that they can be included in the record of the Council's deliberations:

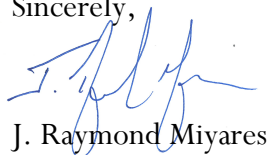
- (1) During the discussion on April 5, a question was posed regarding National Grid's anticipated response in the event that measured post-construction EMF levels exceed the levels predicted by the modeling submitted to the Energy Facilities Siting Board in EFSB 19-04. The Company's response suggested that a response to measured exceedances would depend on a number of factors. Please provide a written clarification: What does the Company consider to be the most important factors in determining an appropriate response? How does the Company believe these factors should be weighted? Whose decision should govern the selection of a response?
- (2) In the EFSB proceeding, National Grid represented that the transmission line would be buried at a depth ranging from 2.5 feet to 10 feet, except where the duct bank will cross over utilities or bedrock. In that case, the depth may be less than 2.5 feet, and a steel plate will be installed over the duct bank. The EFSB's Final Decision (at page 101) states that, for National Grid's EMF modeling, "NEP assumed a burial depth of 2.5 feet for the delta, manhole entry, and flat configurations and 5 feet for the MBTA and bridge crossings."

At the April 5 hearing, there was some discussion that steel plating has the principal effect of redirecting EMFs to the left and right of the transmission lines, rather than in a more vertical bearing. Please provide modeling results that show the predicted EMF levels 10

feet and 25 feet on either side of the duct bank if it is buried less than 2.5 feet and a steel plate is placed over it.

- (3) During the Council meeting on April 19, a member of the public suggested that the King Street alternative, presented during the EFSB proceeding would be significantly cheaper than the route selected by National Grid. The EFSB Final Decision (at page 104) states the Company's "Primary Route was estimated to cost \$81.2 million total, and the Noticed Alternative Route was estimated to cost \$83.6 million total." Please provide comparable cost information for the King Street alternative, and confirm that the Primary Route was estimated, during the EFSB proceeding, to have the lowest cost of the alternatives considered. If the Company has revised its estimates of the cost of the Primary Route, please provide that revised estimate and state whether the estimated cost of the Noticed Alternative Route has also changed and, if so, by what amount.

Thank you in advance for your cooperation in responding to these information requests. I recognize that you may not be able to respond prior to tonight's Council meeting, but hope that you will be able to do so before the Council begins deliberating next week.

Sincerely,  
  
J. Raymond Miyares

cc: Beverly City Council via City Clerk Lisa Kent [lkent@beverlyma.gov](mailto:lkent@beverlyma.gov)  
Stephanie M. Williams, City Solicitor [swilliams@beverlyma.gov](mailto:swilliams@beverlyma.gov)