



Stephen J. Rourke  
Vice President, System Planning

September 11, 2008

Mr. Allen Scarfone, PE  
Manager, Transmission Planning  
Transmission Planning Department  
Northeast Utilities Services Company  
P.O. Box 270  
Hartford, CT 06141-0270

Mr. Alex Boutsoulis  
Principal Engineer, Transmission  
The United Illuminating Company  
157 Church Street  
New Haven, CT 06506-0901

**Re: TCA Application NU-08-TCA-01 / UI-08-TCA-01 dated April 11, 2008**

Dear Messrs. Scarfone and Boutsoulis:

ISO New England Inc. ("ISO-NE") is reviewing the subject Transmission Cost Allocation ("TCA") application for the Middletown to Norwalk project submitted by Northeast Utilities System and United Illuminating Company ("NU" and "UI"). To assist us in completing our review, please provide ISO-NE the following additional clarifications:

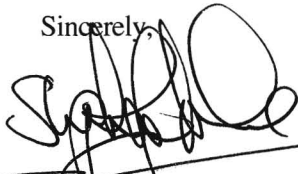
1. Describe the "Split-Phase" construction that was used in segment 2 as outlined in Docket 272 of the Connecticut Siting Council, and provide a breakdown of the incremental cost of this type of construction over conventional 345 kV construction.
2. Cor-ten steel structures were used in several segments of this project. Was the decision to use Cor-ten structures made by NU/UI or was this a state siting decision? What is the difference in cost between pre-rusted Cor-ten structures and conventional galvanized steel poles?
3. How many different types of transmission structures were used in segments 1 and 2? Describe the reasoning (i.e., visual aesthetic, maintenance, etc.) for choosing the various transmission structures.
4. On segment 2 in the Right-of-Way (ROW) near Cook Hill Junction, there is a 115 kV circuit that was placed underground. Why was this circuit placed underground?

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5. Describe the civil practice for creating gravel access road and pole-site erecting areas associated with this project. Was any of the construction on the access roads or the pole-site erecting areas dictated by the Connecticut Siting Council?
6. The following locations and sites are referenced as "Special Design / Construction Circumstances" on portions of segments 1 and 2. Please describe in detail what this means. Why were these relocations deemed "Special Design / Construction Circumstances"? What was the increased cost to accommodate these relocations?
  - a. Royal Oaks Neighborhood
  - b. Woodbridge Deviations
  - c. B'Nai Jacobs Academy
  - d. ROW Special Interest of Eisenhower Park and Lexington Green
7. On certain sections of segments 1 and 2 ROW's, there are Optical Ground Wire (OPGW) conductors installed on parallel located 345 kV and 115 kV structures. Describe the need for more than one OPGW per ROW. What will the individual communication cables be used for and what was the incremental cost in installing two OPGW conductors?
8. Explain why NU decided to develop so much extra land at the site of the Beseck 345 kV Switching Station. In what year does NU expect to have future expansion at Beseck to warrant such large build-out?

ISO-NE would appreciate a prompt response on this matter. The requested information will facilitate our rendering a final determination under Schedule 12C of the ISO-NE Tariff as to whether the project includes any Localized Costs. If you have any further questions about this matter, please do not hesitate to contact Michael Drzewianowski at (413) 540-4419.

Sincerely,



Stephen J. Rourke  
Vice President, System Planning

cc: TCApps  
Reliability Committee