

**CL&P/UI**  
**Docket No. 272**

**Data Request CSC-03**  
**Dated: 06/07/2004**  
**Q- CSC-064**  
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**Witness: Allen W. Scarfone**  
**Request from: Connecticut Siting Council**

**Question:**

Please provide the harmonic studies for the Alternative that models the Phase II project as an underground cable over the whole length from Middletown to Norwalk. The harmonic studies should model all the facilities needed for the reactive power compensation, as determined in the load flow study of that alternative, specified under previous Data Request No 6. The harmonic studies should model all the facilities needed to mitigate the negative impact of the Phase II project as an underground cable over the whole length from Middletown to Norwalk.

**Response:**

The Companies filed a report entitled: "Connecticut Cable Transient and Harmonic Study for Middletown to Norwalk Project: East Devon-Beseck 40-mile Cable Option (M/N P1), Final Report, November 2003" prepared by GE Power Systems Energy Consulting as an addendum to their Supplemental Filing dated December 16, 2003 (Companies' Exhibit 7). Facilities that would mitigate the negative impact of the Project as an underground cable over its whole length are not technologically feasible. Please see the ROC Report, Companies' Exhibit 176.