



**Northeast  
Utilities System**

Northeast Utilities Service Company  
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Transmission Planning Department  
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April 18, 2006

Mr. Donald Gates  
Chairman, NEPOOL Reliability Committee  
ISO New England, Inc.  
One Sullivan Road  
Holyoke, MA 01040-2841

Dear Mr. Gates,

In accordance with Section I.3.9 of the ISO New England ("ISO-NE") Transmission, Markets, and Services Tariff ("ISO-NE Tariff"), Northeast Utilities ("NU") hereby submits the attached Proposed Plan Application/s ("PPA") reporting notice of intent to construct, retire, or change facilities (rated 69 kV and above) for the following project(s):

NU-06-T13          Dooley 30K 115kV circuit breaker.

NU believes that the projects described by these PPAs will not have a significant adverse effect on the stability, reliability, or operating characteristics of the Transmission Owner's transmission facilities, the transmission facilities of another Transmission Owner, or the system of a Market Participant in New England.

If you have any questions, I can be reached at the numbers and addresses above.

Sincerely,

Oswaldo Ortega



**Summary Discussion of Project Need:**

This study covers the transmission portion of a distribution need to increase the reliability for the addition of an 115kV circuit breaker at the Dooley 30K substation located in Middletown, CT. The system includes a new 115kV circuit breaker and associated bus work to support this addition of a new 115/13.2kV, 47MVA distribution transformer. The Middletown area load growth has outpaced the distribution infrastructure and requires additional load serving facilities. Proposed schedule –Dooley 30K – June 2006.

**Reference:**

The second distribution transformer was included in the NU Proposed Plan Application NU-05-T18, Dated: September 21, 2005.



Figure 4B- Dooley substation configuration  
 Dooley 30K-Nomenclature Diagram- Currently needed (L portion)

