



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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Petition No. 243
United Illuminating Company
Transmission Shunt Capacitor Project
Staff Report
November 14, 1990

On January 16, 1990, the Connecticut Siting Council approved Petition No. 243, the Transmission Shunt Capacitor Project of the United Illuminating Company (UI). The Siting Council approved the addition of transmission shunt capacitor banks at UI's East Shore Substation, Sackett Point Substation, and North Haven Substation. UI has since determined that additional work is needed at its East Shore Substation. The capacitor bank at this substation would be shifted from its proposed location to avoid interference with a ductline not noted in Petition No. 243. This shift would extend the southern fence at the substation from the originally proposed 80 feet to 93 feet, but would still be within UI property. Capacitor rack height would remain at 26 feet. Pine trees would be replaced outside the extended fence perimeter. No additional work would be required at the North Haven Substation or Sackett Point Substation. UI maintains the additional work required at the East Shore Substation is a minor change and would be considered with the work originally approved by the Council in Petition 243.

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