

Form for Selection of Transmission Analysis-Identified Projects for Non-Transmission Alternative Evaluation

Identity of the proposed upgrade (description or project number):

Rebuild of the Ascutney 115 kV substation from a straight bus to a ring configuration

1. Is the proposed project's cost expected to exceed \$2,000,000? (See note.)

Yes

If so, check "Yes" and continue to question 2; otherwise, check "No" and discontinue the alternative analysis screening.

2. Could elimination or deferral of all or part of the upgrade be accomplished through the use of non-transmission alternatives? (See note.)

No

If so, check "Yes" and continue to question 3; otherwise, check "No" and discontinue the alternative analysis screening.

Contingencies at the substation cause voltage collapse at near peak and voltages below 0.9 pu near 75% of peak. The amount of load reduction necessary to postpone the criteria violations is too large to be a viable option.

3. Is the likely reduction in costs from the potential elimination or deferral of all or part of the upgrade greater than \$1,000,000? (See note.)

Yes...q

No...q

If so, check "Yes" and proceed to define the scope and timing of non-transmission Alternative analysis; otherwise, check "No" and discontinue the alternative analysis screening.

This analysis performed by: Hantz Presume 9/9/2010 on
Name Date

Hantz Presume
Print Name