

Rebuild Transmission Lines (\$4,129,000)

Q. For the capital project Grand Beach to Salt Pond – Replace conductor 301L (\$2,000,000), provide the following for 301L for the past five years:

- 1) all outages by date;**
- 2) cause of outage;**
- 3) duration of outage; and**
- 4) number of customers affected.**

What improvements to these statistics are expected as a result of the proposed capital project?

A. Attachment A provides a summary of outage information for transmission line 301L for the period January 1997 to May 2002.

Improvement is expected as a result of the proposed capital project. However, the major concern is that if this work is not completed, the elements of the line with severely damaged and corroded conductor are expected to contribute to much worse performance of the line in the near future.

In addition to the replacing the conductor, this project will include replacing the existing insulators in the rebuilt section with insulators having higher insulating characteristics. This is in response to the lightning and salt contamination experienced in the area.