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Witness: Elli Ntakou and Lavelle A. Freeman
Request from: Office of Education, Outreach, and Enforcement

Question:

(VEGETATION MANAGEMENT PROGRAM) Refer to Exhibit CLP-ELP-1, p. 67. Please provide the cost benefit analyses the Company performed for determining reliability projects for the 2025 Test Year.

Response:

As part of compliance with Docket No. 17-12-03RE08, the Company performed the referenced Benefit-Cost Analysis ("BCA") in 2023 using historical reliability projects, their associated costs, and their observed impact on SAIDI and SAIFI.

In 2024, the BCA results were incorporated into the Reliability Budget Optimization Tool ("ReBOT"). ReBOT uses the BCA results as a baseline to determine the cost-optimal reliability mitigation measure for each zone. It first creates a list of zones eligible for reliability mitigation by evaluating historical outage performance at the individual-zone level. The tool then estimates the potential reduction in customer interruptions and customer minutes of interruption associated with various eligible remediation alternatives. The estimated reliability benefit of each alternative is then evaluated relative to its estimated project cost using $/SAIDI or SAIFI per unit reduction as the metric to determine the most cost-effective mitigation measure. This process identifies and prioritizes potential device deployments and other remediation alternatives that are expected to provide the greatest reliability improvement in a cost-effective manner.

The initial ReBOT recommendations were produced in late 2024. Due to the timing of the Company's project-planning cycle, the recommendations were used to support project selection for the 2025 and 2026 TripSaver Program. ReBOT's use was subsequently expanded to support both the TripSaver, Smart Switch and reconductoring Programs in 2027.

ReBOT is an evolving analytical tool, and the Company continues to refine its methodology and expand its application as additional experience and data become available.

The BCA and ReBOT are used as project-screening and prioritization tools and are not intended to predict the precise impact of future projects or programs. Final project selection also considers engineering judgment, constructability, local system conditions, operational requirements, and other project-specific factors. As such, benefits and costs of each project may differ from the tool's results for a multitude of reasons.