

*Southern California Edison*  
**WSD-001 – Resolution WSD-001 to Establish Procedures for the Wildfire Safety Division's  
Review of 2020 Wildfire Mitigation Plans Pursuant to PUC Sections 8386 and 8386.3**

**DATA REQUEST SET W S D - S C E - 0 0 2**

**To: WSD**  
**Prepared by: BILL KOTTEAKOS**  
**Job Title: Senior Manager, Compliance**  
**Received Date: 3/5/2020**

**Response Date: 3/10/2020**

---

**Question 086 (SCE-43895-I-401):**

A. Item Index [For CPUC tracking purposes. Please reference this item index with the response provided.]

SCE-43895-I-401

B. Request Type

Request for additional specificity or clarification regarding information submitted in WMP or maturity survey

C. Relevant section of WMP (if applicable)

5.3.5

D. Relevant question in Maturity Survey (if applicable)

NA

E. Relevant meeting or call (if applicable)

NA

F. Specific Data request

In section 5.3.5.13 on page 5-101, SCE states that it “plans to perform QC of 3,000 risk-informed HFRA circuit mile inspections per year in years 2020 to 2022.”

a. Why does SCE find 3,000 to be an effective goal?

b. Describe in detail how SCE will determine which miles to inspect.

c. Provide all QC procedures relating to such inspections.

**Response to Question 086 (SCE-43895-I-401):**

a. Due to the large number of circuit miles in SCE’s service territory, it is not feasible to QC inspect 100% of all miles and the adjacent vegetation. Therefore, SCE adopted “sampling” as the basis for its QC program. SCE uses confidence level (CL) and confidence interval (CI) percentages derived from formal sampling programs. Confidence Level describes the amount of uncertainty that is tolerable. The higher the CL number the lower the uncertainty of the results. Confidence Interval is the amount of error that is considered tolerable. The lower the number, the more certainty of the results. Industry sampling standards are typically 95/5% CL/CI. The QC of 3,000 circuit miles translates to a CL/CI of 99/2.3%, which well exceeds industry standards and provides reasonable assurance the work is being performed to regulatory and internal standards. SCE is planning to onboard additional vegetation QC inspectors and is optimistic we will inspect between 7,000 and 8,100 circuit miles when QC is fully staffed and trained. Due to the shortage of qualified vegetation inspectors and the ramping up of additional vegetation QC programs, SCE is conservatively identifying the 3,000 risk-based circuit mileage goal.

- b. Miles will continue to be selected using our risk-based stratification model.
- c. Please see attached UVM-07, “Post Work Verification and UVM Program Oversight,” Version 3.