

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
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Received Date: 3/5/2020

Response Date: 3/10/2020

Question 089 (SCE-43895-I-404):

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

SCE-43895-I-404

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

Provide SCE's assessment methodology for hazard trees and any related procedures, as discussed in section 5.3.5.16.1 on page 5-102.

Response to Question 089 (SCE-43895-I-404):

SCE uses ISA Certified Arborists to perform assessments and provide risk scores for trees using SCE's Hazard Tree Risk Calculator. A high-level description of the HTMP assessment process is described below. Please also see response to WSD-SCE-002 Question 92.

SCE's tree assessment strategy focuses on assessing and mitigating trees that have the likelihood to fail and strike the conductors. As such, SCE is performing tree assessments in the highest risk areas first and utilizes a HTMP Tree Risk Calculator developed using industry methodology to determine the likelihood of tree failure.

The development of the Tree Risk Calculator is primarily based on the standards set forth by the International Society of Arboriculture (ISA) Tree Risk Assessment Qualification (TRAQ). The establishment of the Utility Strike Zone (USZ) was created as the boundary for identification of Subject Trees, or trees that can strike SCE's utility lines. The bulk of the HTMP scoring is derived from Site Conditions (i.e. history of failure, topography, site changes, soil conditions, common weather patterns) and Tree Defects (crown & branches, trunk, and root & root collar).

The HTMP assessor (ISA Certified Arborist) evaluates these site conditions and tree defects in proximity to SCE circuit lines and derives a Likelihood of Failure and Impact Strike Score. These conditions were populated in an Excel version of a Risk Calculator for the tree assessors to standardize the process and provide standard and consistent scoring results.

Each of the standardized selections were weighted with scores as agreed upon by SCE's Utility Arborists. The scoring results can range from 1-100 (100 being the highest risk score). The Arborist provides mitigation options based on the resulting tree risk rank score as calculated by the observed conditions and professional experience and judgement of overall conditions.