

*Southern California Edison*  
*2026-WMPs – 2026-WMPs*

**DATA REQUEST SET O E I S - P - W M P \_ 2 0 2 5 - S C E - 0 0 2**

**To: Energy Safety**  
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**Job Title: Senior Advisor, Enterprise Risk Management**  
**Received Date: 5/23/2025**

**Response Date: 5/29/2025**

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**Question 07.a-c:**

Regarding Wildland Urban Interface (WUI) Fuel:

On pages 90 and 92 SCE's 2026-2028 Base WMP, SCE describes a new method and algorithm for handling WUI fuel adjustments. During a previous Risk Model Working Group meeting, SCE discussed the use of a decay function in the WUI fuel layer.

- a. Explain on how the decay function was developed and is being used.
- b. Provide the technical documentation showing the new methodology and algorithm for WUI fuel adjustments.

**Response to Question 07.a-c:**

**CONFIDENTIAL**

**The Attachment(s) Are Marked Confidential In Accordance With Applicable Law and Regulation.  
Basis for Confidentiality In Accompanying Confidentiality Declaration.  
Public Disclosure Restricted.**

- a. Technosylva has developed a WUI fuel model to augment the Scott and Burgan (2005) fuels commonly used in wildfire simulations. These 12 new fuel models were developed to better characterize wildfire propagation in WUI intermix/interface areas.

As described on page 92 of SCE's 2026-2028 Wildfire Mitigation Plan, these new Technosylva custom WUI fuel models are used in conjunction with building footprints, and other remote sensing technology to overwrite the existing Land Use Land Cover (LULC) in an existing location.

These new WUI models better reflect surface wildfire propagation in those locations by adjusting the Rate of Spread (ROS) based on the encroachment distance from any point on the landscape to the nearest pixel containing burnable forest fuel based on prevailing fire spread conditions.

- b. Please see the attached confidential document.