

*Southern California Edison*  
*2022-WMPs – 2022 Wildfire Mitigation Plan Updates*

**DATA REQUEST SET O E I S - S C E - 2 2 - 0 0 3**

**To: Energy Safety**  
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**Job Title: Senior Advisor**  
**Received Date: 3/22/2022**

**Response Date: 3/25/2022**

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**Question 15:**

Satellite Fire Detection:

a. In SCE's Maturity survey capability #10 question B.V.b, SCE answered that in January of 2023 they would have well-defined equipment for detecting ignitions along the grid, including remote detection equipment including cameras, and satellite monitoring. In section 7.3.2.4.3, SCE's progress includes the wind profiler project pilot and collaborating with Earth lab to develop a Vegetation Buildup index."

i. Provide an update on the progress SCE is making on the use of satellite fire detection to meet the January 1, 2023 survey results.

**Response to Question 15:**

SCE is currently working with UCSD to pilot a satellite and AI based detection capabilities using the ALERT Wildfire camera network for fire detection/confirmation and notification. In 2022, SCE plans to issue an RFI to determine if high-fidelity commercially available fire detection capabilities exist within the market.