

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

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**Question 20:**

Fast Curve Settings – Mitigation Effectiveness:

- a. In response to Data Request OEIS-SCE-22-002, Question 12viii. Provide the percent effectiveness for ignition risk reduction and any associated calculations performed for enabling FC settings, SCE states that circuit breakers with Fast Curve settings have a 15% mitigation effectiveness against ignition drivers such as CFO and EFF.
- i. Please provide the calculation used to determine this 15% mitigation effectiveness.

**Response to Question 20:**

SCE believes that there is some correlation between fault energy reduction and ignition risk reduction. SCE engineering and technical experts applied a reasonable mitigation effectiveness value to fast curve settings (up to 15% depending on the sub-driver) that considers perceived ignition benefits of this technology. Please refer to the attached file entitled “OEIS-SCE-22-003 Q20.xlsx” for the mitigation effectiveness at the sub-driver level and assumptions.