

*Southern California Edison*  
*2023-WMPs – 2023-WMPs*

**DATA REQUEST SET M G R A - S C E - 0 0 4**

**To: MGRA**

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**Job Title: Senior Advisor – Strategic Planning**

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**Response Date: 5/11/2023**

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**Question 04:**

p. 495 - “In 2022, Technosylva began estimating the number of buildings destroyed as one of its metrics. In addition, they created a metric that evaluates response complexity as a proxy to address wildfire suppression. In 2023, SCE will work with Technosylva to build upon these newly created metrics to more accurately reflect the number of buildings destroyed by wildfire and the ability to predict resource response.”

a. Verify whether Technosylva’s building loss model under development takes into account the building and neighborhood characteristics as far as age, materials, lot size, or building codes.

**Response to Question 04:**

Technosylva’s building loss model is currently under development by Technosylva. As SCE understands the current state of the model, it is a Machine Learning (ML) algorithm which considers building conditions based on historical damage inspection data on buildings affected by fires over the past 13 years. These data include CAL FIRE Damage Inspection Specialist (DINS) post wildfire report information. DINS data contains information regarding damage to certain aspects of building structures and partial information regarding building material composition but does not contain information containing lot size or building codes.