

Southern California Edison
2026-WMPs – 2026-WMPs

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

To: MGRA

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Received Date: 6/2/2025

Response Date: 6/5/2025

Question MGRA-4-14:

Consequence Models

MGRA-4-14 Regarding the Building Loss Factor (BLF) described in Section 5.2.2.2.6:

Provide a technical description how the BLF was derived and calibrated from Cal Fire DINS data.

Response to Question MGRA-4-14:

The specific algorithm used to derive and calibrate the Building Loss Factor (BLF) is the confidential intellectual property of Technosylva.

In general, the BLF uses Machine Learning (ML) methods to estimate the relative damage buildings impacted by simulated wildfires based on surrounding environmental conditions in their relation to building impacts recorded by the California Department of Forestry and Fire Protection (CalFire) Damage Inspection Program (DINS) Database.

The DINS database contains records of structures impacted by wildland fire inside or within 100 meters of the fire perimeter and includes information such as structure type, construction features, and some defensible space attributes.