



CalEEMod Version 2020.4.0 Is Now Available!

After an extensive, coordinated development effort between the California Air Pollution Control Officers Association (CAPCOA), the California Air Districts and Trinity Consultants, upgrades to the California Emissions Estimator Model (CalEEMod) Version 2020.4.0 are now complete!

The following is a list of the revisions and additions included in CalEEMod Version 2020.4.0:

1. CARB's EMFAC2017 (<https://www.arb.ca.gov/emfac/2017/>) data was incorporated.
2. CARB's EMFAC2017 N₂O emissions were added into CalEEMod.
3. A toggle button and the associated emission factors to allow an analysis to be conducted which relies upon either the original EMFAC2017 emission factors or CARB's EMFAC2017 off-model adjustment factors for certain gasoline-fueled light duty and medium duty vehicles (EMFAC vehicle codes: LDA, LDT1, LDT2, and MDV) to account for the SAFE Vehicle Rule - Part One was incorporated.
4. The 2019 update to Title 24 (building efficiency % reduction, see <http://www.energy.ca.gov/title24/2019standards/index.html>) was incorporated.
5. ITE 10th edition trip rate data was incorporated for land uses previously programmed into the model.
6. Utility Intensity Factors for greenhouse gases were updated.
7. Butte County AQMD's default architectural coatings, and urban and rural trip lengths were updated.
8. Ventura County and Ventura County Air Pollution Control District's default architectural coatings were updated.
9. Shasta County AQMD's residential H-W trip type percent was updated.
10. The wind speed, percent of roads paved, and architectural coatings for Yolo County and Solano County–Sacramento Air Basin portion, and Yolo/Solano AQMD were updated in the model and in Appendix D of the User's Guide.
11. Several parameters' formats were updated to allow input values with more decimal places.
12. A pop-up message was added to let users know the maximum lot size CalEEMod can process is 10,000 acres.
13. A pop-up message was added to let users know that Unit Amount should be consistent with Lot Acreage or Square Feet on the Land Use page, and the Unit Amount should not be left as zero or blank.
14. A pop-up message was added to warn the user selecting the general light industry land use subtype that a project with a lot size greater than 50,000 square feet will not be able to run the model.

The User's Guide (main document) plus Appendices A, D and E5 have also been updated to reflect these changes. The model along with the User's Guide and corresponding appendices are available free of charge on the CalEEMod website (www.caleemod.com).

For technical issues associated with downloading, installing, and running the model, please send an email to CalEEMod_TechSupport@trinityconsultants.com.

For all other inquiries if the User's Guide does not contain the information you seek, please direct your inquiry to the person who corresponds to the general region or Air District where your project is located.

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For other general questions, comments, feedback and suggestions for improvements and future upgrades, please send an email to inquiry@caleemod.com. Please provide your contact name, organization, phone number and email address.