

# New California Emissions Estimator Model (CalEEMod)

## Deadline for Transition: July 1, 2012

The San Joaquin Valley Air Pollution Control District is transitioning to the use of the California Emissions Estimator Model (CalEEMod) when reviewing or preparing air impact assessments in compliance with provisions of District Rule 9510 (Indirect Source Review), California Environmental Quality Act (CEQA), and National Environmental Policy Act (NEPA), within the San Joaquin Valley air basin. CalEEMod is the newest computer emissions estimating model developed by the California Air Pollution Control Officers Association (CAPCOA). The model calculates criteria pollutant and greenhouse gas (GHG) emissions from a variety of land uses, including residential, commercial, retail, and industrial projects. CalEEMod also calculates the benefits of implementing mitigation measures, including GHG mitigation measures.

## The District's Transition Schedule to CalEEMod

### District Rule 9510 (Indirect Source Review)

- Air Impact Assessments deemed "Complete" before July 1<sup>st</sup>, 2012 will be analyzed using URBEMIS 2007. During this period, submitted applications that used CalEEMod will be reanalyzed by the District using URBEMIS 2007.
- All Air Impact Assessments deemed "Complete" on or after July 1<sup>st</sup>, 2012 must be analyzed using CalEEMod.

### Environmental Documents prepared for CEQA and NEPA

- Before July 1<sup>st</sup>, 2012, for projects where the Lead Agency has released the draft environmental document for public review, the District will accept the use of any appropriate model, including CalEEMod, to perform the Air Quality Impact Analysis.
- On or after July 1<sup>st</sup>, 2012, for projects where the Lead Agency has not released the draft environmental document for public review, the District recommends the use of CalEEMod to perform the Air Quality Impact Analysis.

The District recognizes that CEQA can involve long lead times, and if Lead Agencies are acting on projects with significant modeling already completed before the July 1<sup>st</sup>, 2012 deadline, please contact Patia Siong at (559) 230-5930 or [patia.siong@valleyair.org](mailto:patia.siong@valleyair.org) for project-specific discussions.

## CalEEMod Training

**The San Joaquin Air District will host a CalEEMod training class at the District's offices on March 21, 2012, from 1:00 pm to 4:00 pm.**

Training on the use of CalEEMod will be conducted live at the District's Fresno Office and will be available via VTC at the District's Bakersfield and Modesto Offices. The training will benefit those involved in characterizing project related impacts on air quality, such as government agencies, land use planners, consultants, and environmental professionals. The training will include an overview of the model, a detailed hands-on demonstration of its operation, user tips and an explanation of the quantification of GHG mitigation measures derived from the CAPCOA document *Quantifying Greenhouse Gas Mitigation Measures*. The training is free and does not require a reservation in advance.