



# Connecticut Department of Energy and Environmental Protection



# EPA Release of MOVES2014

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SIPRAC



Connecticut Department of Energy and Environmental Protection

# EPA Release of MOVES2014

- Released July 31, 2014.
- MOVES2014 is a major new revision to EPA's mobile source model.
- Replaces MOVES2010 and its minor revisions (MOVES2010a and MOVES2010b).
- Federal Register notice expected in September, then there will be a 2-year grace period for transportation conformity starts.



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- EPA indicates that MOVES2014 should be used in SIP development outside of California as expeditiously as possible.
  - Connecticut has recently completed conformity analyses and will not need to perform MOVES2014 analyses in the near future.





- Tier 3 vehicle emission standards are in MOVES2014 so MOVES2014 predicts lower future emissions than earlier mobile models.
- MOVES2014 LEV inputs for Connecticut will be generated prior to SIP and Conformity runs performed using MOVES2014.



- MOVES2014 includes updated data, added capabilities for fuels and extended idle (hotelling) and refined output categories.
  - New SCCs
  - Output by Regulatory Class
  - Dedicated Ramp Emission Outputs
- MOVES2014 also has added the capability to model non-highway mobile sources by incorporating the EPA NONROAD2008 model.





- New Fuel inputs have not yet been reviewed.
- Default Heavy duty truck extended idle emissions are not accurate (impacts all states).
- The new Hotelling Importer allows the correction of these incorrect default values.
- Hotelling Importer inputs are in development thru National Emission Inventory version 2.



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- EPA indicates that PM and CO project level hot spot analysis guidance will be updated shortly.
  - Connecticut Department of Transportation responds to PM and CO project level hot spot data requests.
  - Additional information for MOVES available:  
<http://www.epa.gov/otaq/models/moves/index.htm#generalinfo>



# Questions?

## Connecticut Department of Energy and Environmental Protection

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