

Alliance Predictive Model Current Concerns and Questions

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Alliance Concerns

- Focus on 2010 only
- Need to analyze Tech 5 vehicles alone if possible
- Need to identify a Tech 6 group
- RVP effects in EMFAC are probably outdated

2010

- Model focuses on 2010
- Tech 4/5 vehicles are the driver
- But we are transitioning to zero evap, SFTP complaint vehicles with very low emissions (SULEVs, PZEVs etc.)
- Need to start thinking about Tech 6
- Don't want to be formulating fuels for Tech4/Tech 5 that are not optimum for Tech 6
- Suggest evaluating 2015 and 2020 as well as 2010

RVP Effects

- Current model estimates RVP effects for fleet in 2005 using MVEI7g
 - No tech groups, but different model years are represented in the 2005 MVEI7G runs
 - RVP effects probably based on old vehicles tested with high RVP fuels (7 to 9), greatly extrapolated
 - Enhanced evap regs started in 1996; RVP effects for new PM should be more based on these vehicles, tested at newer temperatures, with very low RVP fuel (6-7)

Questions

- What data will be used to quantify ethanol/CO effects for on-road vehicles?
- When will the report be available for review on the development of the new basin temperatures?
 - This drives all of the inventory inputs
- Will ARB be updating its analysis of the effects of RFG on off-road sources/