

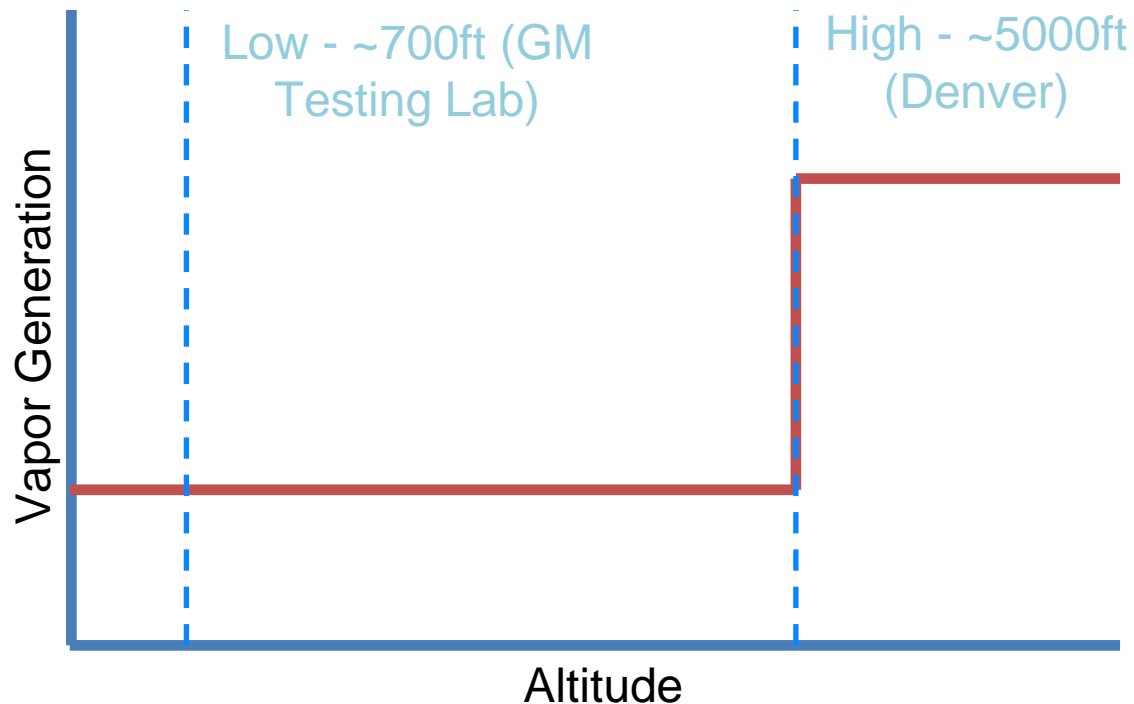
Altitude Correction in MOVES: An Update

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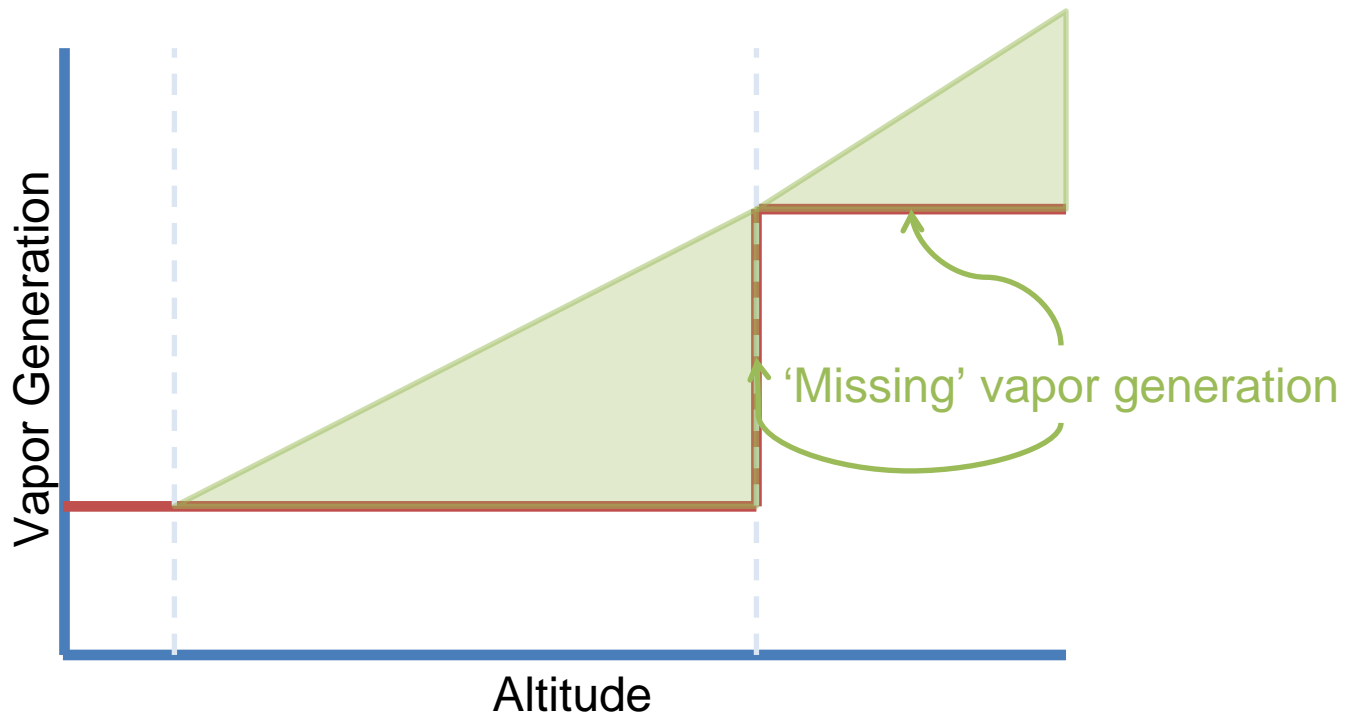
The MOVES logo is displayed in a stylized, metallic, three-dimensional font with a glowing effect, set against a dark, gradient background.

Altitude in MOVES 2010b



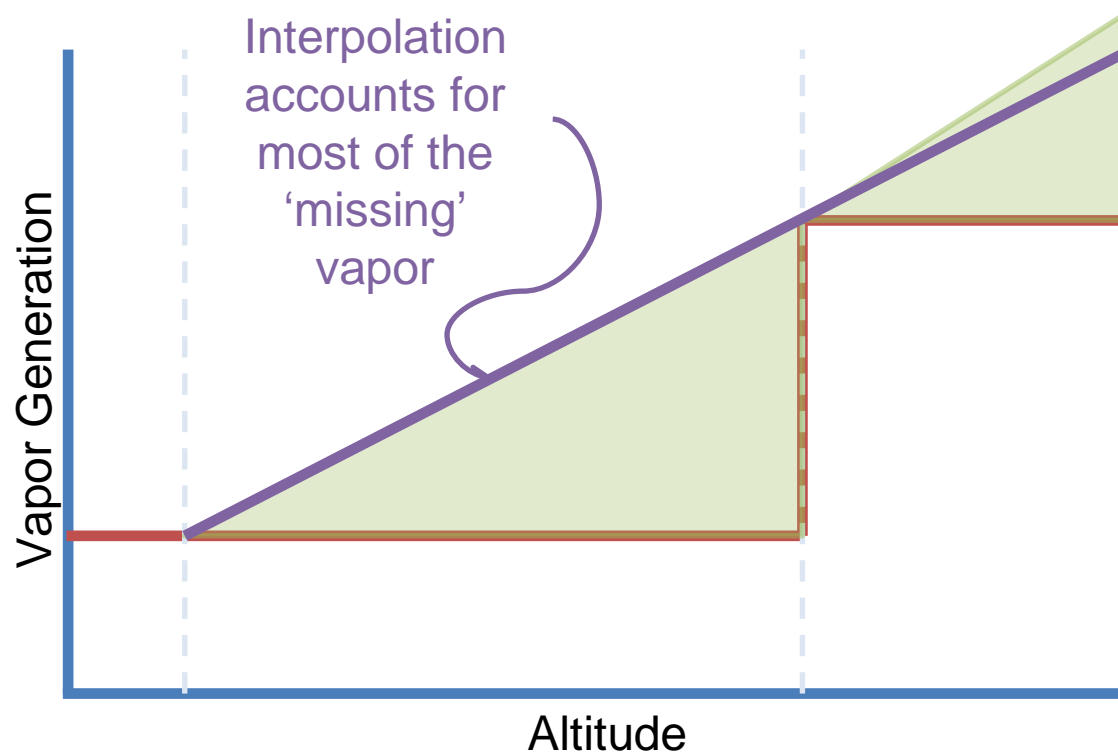
- In MOVES 2010a, vapor generation (TVG) is only calculated for two altitudes (low and high)

“Missing” vapor generation



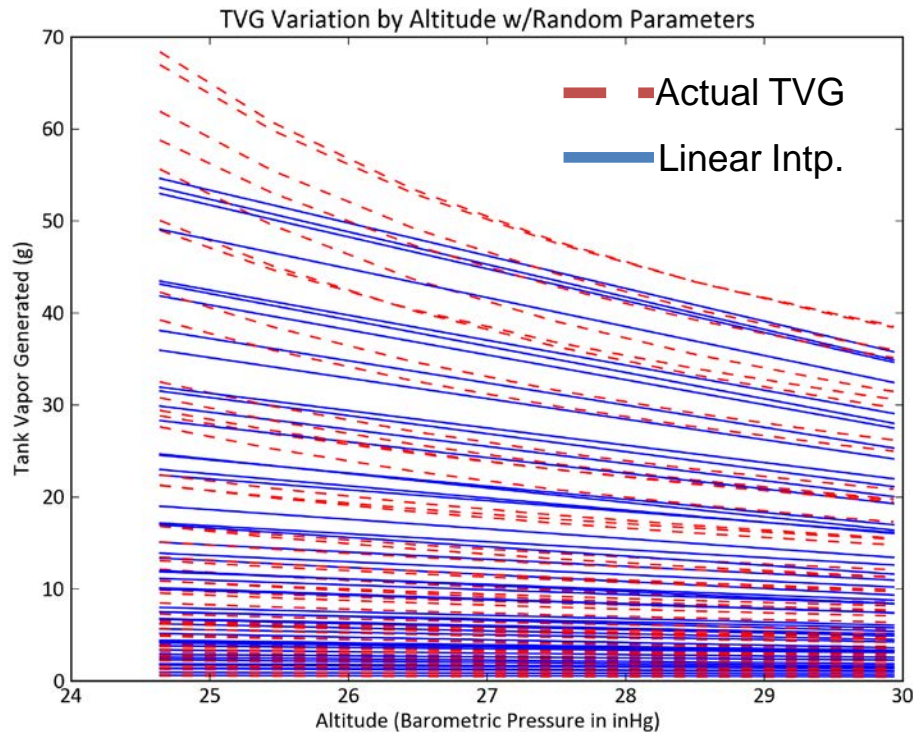
- Calculating vapor generation at two points puts many counties above the 'low' level at lower than expected vapor generation for their altitude

Interpolating altitude calculations



- By interpolating/extrapolating between Low and High using actual county altitude, the 'missing' vapor generation can be accounted for

Non-linearity of real world TVG



- Vapor generation isn't actually linear... but we are much closer to reality than before this correction

Implementation in MOVES2013

- Altitude adjustments will be based on existing county data (county barometric pressure)
- Difference can be significant for some counties.

Questions?