

Western Weights and Measures Association
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California Study into Temperature Compensation and Retail Motor Fuel Delivery

Presented by:

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Background

- California Measurement Standards to survey fuel delivery temperatures
 - April 2007 – March 2008
- California Energy Commission (CEC) to use the temperature data and Conduct Cost Benefit Analysis
- Determine if retail automatic temperature compensation (ATC) makes economic sense for California

Background

- CEC analysis and report due to the California Legislature by Dec 31 2008
- Report to include recommendations based on the following options

Background

CEC to examine the following *options*:–

- Retain the current reference temperature of 60°F
 - do nothing
- Establish a different statewide reference standard
 - Hawaii example
- Establish different regional reference temperatures throughout the state
- Install ATC at retail establishments *on a regional basis*
- Install ATC at all retail establishments
 - Mandatory or voluntary?

Update

- Temperature Survey complete
 - Over 7000 delivery temperatures collected
- CEC has compiled preliminary results using temperature data

Temperature Summary

Gasoline - Regular grade

- Statewide Average (weighted) – 72.3 degrees F
- Highest Month - August – 82.3 degrees F
- Lowest Month – January – 60.7 degrees F

- Highest recorded temperature - 102.0 degrees F during July in Tulare county
- Lowest recorded temperature - 43.0 degrees F during January in Amador county

Temperature Summary

Diesel

- Statewide Average (weighted) – 74.0 degrees F
- Highest Month - August – 84.2 degrees F
- Lowest Month – December - 60.6 degrees F
- Highest recorded temperature - 106.7 degrees F during July in Riverside county
- Lowest recorded temperature - 50.6 degrees F during January in Butte county

Update

- CEC does not have complete equipment cost data
- This has significantly delayed their work
- Request to extend December 31 deadline has been granted

Update

- September 19 and October 27 workshops cancelled
- Only one workshop now scheduled for December 9, 2008
- Final report now due February 12, 2009

Update

Report will not be ready for the NCWM
Interim Conference!

Temperature and Retail Motor Fuel Delivery

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