Rule 1193 User's Group Meeting #6

Diesel/Alt Fuel Survey Progress Report

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Purpose and Parameters

- Focus on Repair and Maintenance associated with engine and fuel systems
- Costs: Parts, Labor, & Fuel
- Mileage
- Warranty Coverage
- Down-Time

Response & Challenges

- Responses from Two Municipalities
- Two Additional Municipalities Expected
- Challenges:
  - Comprehensive Inventory
  - Collecting and Reviewing Data

Data Collection

- 7 Diesels: all MY 2000
  - 3 Cummins ICS 8.3
  - 4 Volvo VE7.3L
- 7 CNG: MY 1996 (3)   MY 2003 (4)
  - 3 Cummins L10G
  - 4 Cummins 8.3C+
- Data period
  - 9 months for eight vehicles – Jan – Oct 2003
  - 3 years for 6 vehicles – 2001 through 2003

Preliminary Findings

- All Costs in Terms of $/mi
- Costs of MY 2000 Diesels compare closely between two Muni Fleets
- Costs of MY 2003 CNG are comparable and slightly less than MY 2000 Diesels
- Costs of MY 1996 CNG significantly higher than newer vehicles

Next Steps

- Collect data on various Model Years
- Expand variety of Engine makes and models
- Expand variety of Chassis'