



DEM PROGRAMS TO REDUCE GHG FROM MOBILE SOURCES

April 2010



Rhode Island Department of Environmental Management

GHG Action Plan – 2002 Transportation Options

- 18. Feebate for local fuel economy improvements
- 19. Transit oriented development
- 20. Bicycle and pedestrian infrastructure
- 21. Commuting efficiency
- 22. Commuting trip reduction
- 23. Govt. and private fleet vehicle efficiency
- 35. Fleet fuel GHG content (low)
- 49. National Fuel Efficiency Standards (CAFE)



Current Programs

- **Low Emissions Vehicle (LEV) Program – Pavley**
- **LEV – Zero Emissions Vehicles (ZEVs)**
- **Diesel Anti Idling**
- **Low Carbon Fuel Standard (LCFS)**
- **RGGI Sector expansion**



LEV Program – Pavley

- **APC Regulation 37**
- **Amended 2005 to include MY 2009 vehicles**
- **Held up due to EPA Waiver denial**
- **Suits filed in CA, VT, RI**
- **Waiver granted by EPA**
- **National LDV-GHG/Corporate Average Fuel Economy (CAFE) agreement**



LEV – Zero Emissions Vehicles (ZEVs)

- **APC Regulation 37 (Starting in RI for MY 2008)**
- **Requires that 10% (2008) - 11% (2009-2011) of vehicles sold are ZEVs (or PZEVs)**
- **“Pure ZEVs” (EV, HV)**
- **Some credits for Partial ZEVs (PZEVs)**
 - **Hybrids**
 - **SULEVs**
 - **Plug-in Electric Hybrids**



2006 RI Anti-Idling Act

- **Diesel motor vehicle engine idling**
 - “... no person shall cause or permit the unnecessary operation ... in excess of 5 consecutive minutes in any 60 minute period.”
 - Numerous exemptions
- **Non-road diesel engine idling**
 - “ ... no entity shall cause, suffer, allow or permit the unnecessary idling of a non-road diesel engine.”



Low Carbon Fuel Standard (LCFS)

- **11 state region (RGGI + PA)**
- **MOU to complete economic analysis by 3/2011**
- **Define baseline carbon intensity (CI) of transportation fuels (gasoline and diesel)**
- **Establish 10-year reduction target (10%?)**
- **Determine regulated entities**
- **Determine compliance schedule**
- **Initiate program (Legislation/Regulation)**
- **Allow credit generation by alternate lower CI fuel providers (Electricity, NG, Bio-fuels)**



RGGI Sector Expansion

- **Intersection of Northeast Association of State Transportation Officials (NASTO), RGGI Agency Heads and TCI Summit - June 14-15, 2010**
- **RGGI+ Transportation Climate Initiative**
 - *A Transportation and Climate Initiative of the Northeast & Mid-Atlantic States*



Conclusion

- **Questions?**
- **Contact information:**

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