

## Summary of Clean Diesel Corridor Project

### Goals

- Demonstrate early introduction of 15 ppm highway diesel fuel (ULSD)
  - Support regional/state efforts to increase ULSD usage for emission reduction benefits
  - Integrate with strong ULSD interest from companies/fleets participating in EPA's voluntary programs
    - Voluntary Diesel Retrofit Program
    - Clean School Bus USA
    - Smartway Transport Partnership
  - Fleet testing of prototype 2007 heavy-duty highway engines
- EPA's role is to facilitate a process where we would bring together interested stakeholders (engine manufacturers, truck manufacturers, trucking companies, refiners, fuel distributors, truck stops, states, etc.) to establish ULSD corridors

### Overview

- Corridor(s) – interstate highways for long-haul truck travel in select areas of the country (see attached map)
  - Meets needs of 2007 prototype testing program
    - Application extremes: temperature, humidity, speed/load, altitude, etc.
    - Align with established customer and partner needs
  - Integrate with ongoing regional/state efforts focused on emission reductions (e.g., I-5 West Coast Clean Diesel Collaborative; I-85 through Atlanta)
- Truck stops/terminals/centrally-fueled fleets along corridors agree to make 15 ppm available
  - Strategically locate fueling points to minimize distribution costs, maximize volume throughput
  - Locate common fueling stops for fleets
  - ~3 fueling stations for each corridor (about 1 every 800 miles; sufficient for long-haul truck needs)
  - Centrally-fueled trucks could be focused in large cities along corridors (e.g., Chicago, Houston, LA, and New York)
- Refiners/marketers supply fuel to identified truck stops/fleets
- Identify incentives for participating companies (e.g., state financial incentives, public recognition)
- Solidify commitments from key stakeholders to ensure fuel is available and used (e.g., MOU)

Timing

- Stakeholders sign MOU in Fall 2004 (high level EPA press event, public recognition for companies that participate in this voluntary effort)
- ULSD introduction begins early 2005