

Office of Airports

Planning and Environmental Division



Northwest Mountain Region Airports Conference April 07



Federal Aviation
Administration



VALE Benefits

- Offers more funding for airport low-emission projects
- Expands eligible activities
- Encourages a forward-looking approach and supports early action with emission credits
- Improves communication between airport sponsors and air quality agencies
- Builds good community relations
- Promotes clean alternative fuels, domestically produced



Project Sites



Eligible Infrastructure: Gate Electrification

Gate power

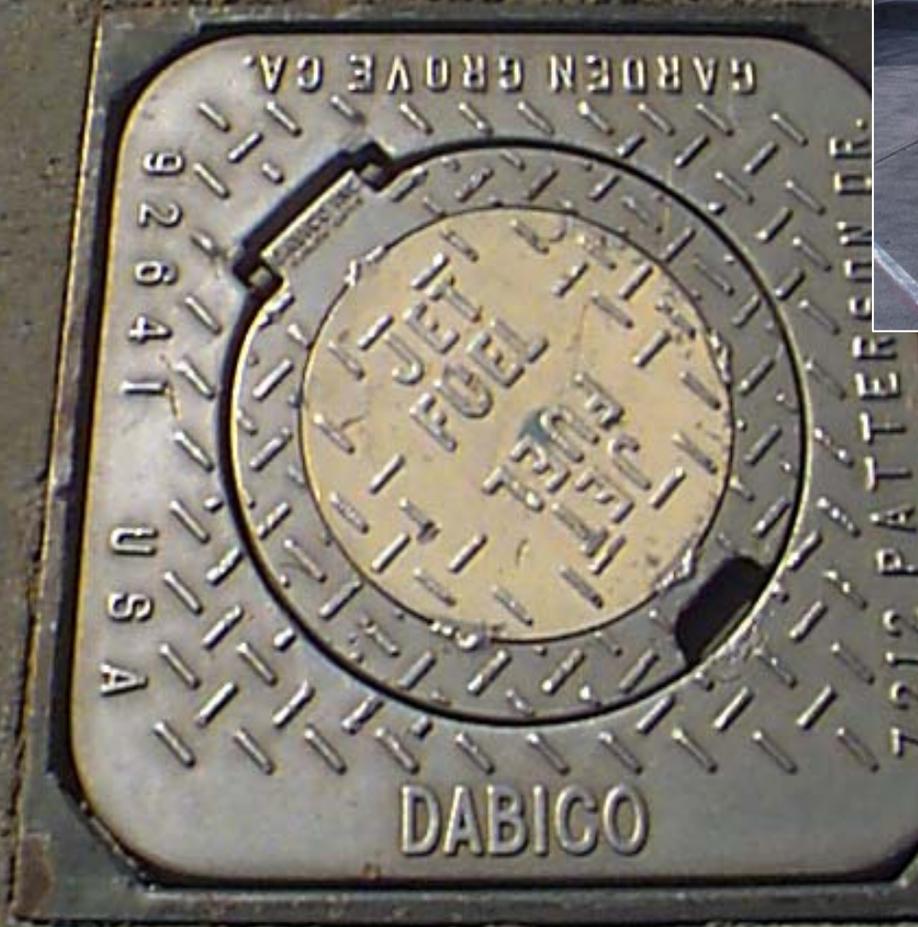


& pre-conditioned air

to reduce
APU's



Eligible Infrastructure: Underground Fuel Hydrant Systems



*Fuel Carts
replace
Tanker Trucks*



Eligible Infrastructure: Refueling and Recharging Stations



Eligible Infrastructure: Airport Power Generation & HVAC Systems



Eligible Infrastructure: Public Transit Connections on Airport Property



Non-Eligible Activities

- Where primary purpose is not emission reductions
- **Private revenue producing projects**
 - Parking lots and garages
 - Rental car consolidation facilities
 - Fuel farms
- **R&D or demonstrations**
 - AIP and PFC programs are for capital improvements using commercially available technology

Airports are Well-Suited to Alternative Fuel Vehicles



- Microcosm of fleet
- Centralized operations
- Available land for safe siting and fuel handling
- General conformity set to airport facility projects



VALE "Special Conditions" include Vehicle Labeling



Also, vehicles must remain at the airport for their useful life, be monitored, and be replaced in-kind or cleaner



Further Information

- **FAA Regions/ADOs have lead role**

- Guidance
- Application review
- Project approval
- Compliance

- **VALE Web Site**

www.faa.gov/airports_airtraffic/airports/environmental/vale

- List of eligible airports
- FAA Technical Report (Version 3)
- EPA AERC report
- Application worksheets

