

# NYSERDA AFV Programs

Ruth Horton, Program Manager  
GLICCC Advancing the Choice

October 25, 2006

# New York State Energy Research and Development Authority

- Established in 1975 by State Legislature
- Mission: To identify solutions to State's energy challenges in ways that benefit the State's economy and environment
- Forge public/private partnerships with businesses, municipalities, residents, and other energy stakeholders to accomplish this goal.

## AFV's On Long Island

- Thank You GLICCC for a Great Partnership!
- \$8,784,000 of CMAQ funds for Long Island
- Other funds:
  - \$6.8 million for 38 AFV projects with fleets, fuel providers, and organizations
  - 383 vehicles, 8 infrastructure projects

# NYS Clean Cities Challenge

- Competitive program for vehicle and infrastructure projects across New York
- \$1,035,293 awarded in 2006
  - \$225,000 for bio-diesel projects with Burt's Reliable and New Hyde Park Oil Terminal
  - \$82,000 for Middle Country CSD bus garage
  - \$150,000 for Clean Energy CNG station at Happaugue
- New solicitation in Spring 2007

# Clean Fueled Bus Program

- Competitive grants for new CNG or hybrid-diesel buses or infrastructure
- Pays up to 100% of cost
- Past participants on LI: MTA-Long Island Bus, Long Beach CSD, Middle Country CSD
- \$1.5 million available in 2006-07 (last of CW/CA Bond Act funds)

# NYS Clean Air School Bus

- Competitive grants for up to 100% of cost of emission control technology (DOC's, DPF's)
- 13 districts on Long Island have participated; retrofits completed for 234 buses
- About \$500,000 available in 2006-07 for new projects

# NYS Bio-Fuel Station Initiative

- New program under Governor's Energy Independence Plan
- \$10 million for E85 and/or Biodiesel stations at private retailers across NYS
- Program will provide \$50,000 for new fueling equipment, and up to \$25,000 for retrofits of existing fueling equipment
- **STAY TUNED FOR NEW SOLICITATION**

## Plug-In Hybrid Program

- \$10 million to convert about 400 state fleet hybrid vehicles (Prius, Civic, Escape)
- Larger batteries and other changes to allow vehicles to be plugged-in
- Goal: Vehicles that can operate about 40 “all-electric” miles
- First-article vehicles being developed
- Hope to stimulate interest by OEM’s (part of Plug-In Partners)

# Hydrogen Transportation Development Program

- \$5 million available now for proposals (due October 31)
- Hydrogen production and/or storage at fueling station
- Hydrogen distribution technologies
- Hydrogen internal combustion engine vehicles (not fuel cells)