



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Office of External Affairs

Pennsylvania's Natural Gas Vehicle Grant Program

September 14, 2012

Today's Objective

- Review PA's Natural Gas Vehicle Grant program



Pa. NGV Grant Program

The Basics

- Authorized by Act 13 of 2012
 - Competitive reimbursement grant for purchase or retrofit of natural gas vehicles
- Up to \$20 million over 3 years
 - \$10 million in FY '12-'13 (\$5 million to local transportation organizations)
 - \$7.5 million in '13-'14 (50% to local transportation organizations)
 - \$2.5 million in '14-'15

Pa. NGV Grant Program

The Basics

- Eligible costs:
 - Incremental purchase costs for new NGVs
 - Retrofit costs for existing vehicles
 - Equipment & installation costs only
- Ineligible costs:
 - Fueling infrastructure
 - Project development (engineering/FS/design)

Pa. NGV Grant Program

The Basics

- Grant awards capped at 50 percent of incremental purchase or retrofit cost per vehicle
- Grant awards capped at \$25,000 per vehicle

Pa. NGV Grant Program

The Basics

- Eligible vehicles:
 - Dedicated CNG vehicles
 - Dedicated LNG vehicles
 - Bi-fuel vehicles
 - Fueled in part by NG and in part by diesel or gasoline
 - 14,000 lb. or greater GVW

Pa. NGV Grant Program

The Basics

- Eligible applicants:
 - For-profit companies
 - Non-profit organizations
 - Commonwealth or municipal authorities
 - Pa. Turnpike Commission
 - State owned or state related universities
 - Local transportation organizations

Pa. NGV Grant Program

The Basics

- Eligible applicants - Local Transportation Organizations
 - Political subdivisions (municipalities, school districts)
 - Non-profit entities providing public transportation service
 - Public transportation, port, and redevelopment authorities

Pa. NGV Grant Program

Key Considerations

- Minimum vehicles per project application is 5
- All vehicles must be registered in Pa.
- All NGVs must meet EPA requirements
- Applicant must identify intent to use federal funds, if available

Pa. NGV Grant Program

Key Considerations

- Vehicles from multiple owners can be aggregated under one application
 - All vehicle owners must be eligible applicants as defined by Act 13
 - All vehicles in the application must be related through common, primary fueling station
 - There is no threshold number of vehicles per participant in an aggregated application – but total must be at least 5
 - Signed resolution among participating owners

Pa. NGV Grant Program

Key Considerations

- \$300,000 grant award limit for projects using existing fueling infrastructure
- \$500,000 grant award limit for projects that include construction of new fueling infrastructure
- 18 month project completion period
- Grant is not retroactive
- Only vehicle owners can be reimbursed

Pa. NGV Grant Program

Application Requirements

- Project Narrative - general description of your NGV plans and activities
 - Number & types of vehicles
 - Description of fuel source and fuel strategy
 - Projected fuel use in GGE
 - Description of financial viability w/in 4 years
 - Total incremental purchase/retrofit costs
 - Amount of grant request

Pa. NGV Grant Program

Application Requirements

- Documentation of financial ability to complete the vehicle purchase/retrofits
- Proof of fueling availability
 - Existing: letter from owner/operator verifying capability to meet the fuel demand
 - New: documentation from owner/builder verifying
 - Construction plans, including timelines
 - Proof of NG availability (from utility or well owner)

Pa. NGV Grant Program

Proposed Timeline

- Grant application period open: 12/1/12
- Grant applications due: 2/1/13
- Grant awarded late March 2013
- Grant period is 18 months from award date

Pa. NGV Grant Program

Recommendations

- Begin vehicle evaluations now
 - Identify best candidates for replacement and retrofit
 - Identify NGV options
- Identify likely fuel strategy or station(s)
 - Existing: verify availability and accessibility
 - New: determine costs, time needed, fuel source

Pa. NGV Grant Program

Recommendations

- Seek out other project partners
- Don't wait until last minute!!



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Questions?