

Raleigh Police Department Propane Hybrid Program



Program Overview

- Funded through Clean Cities Coalition/Blue Skies Grant through the COR Office of Sustainability
- Cost per vehicle was \$5,800, or \$58,000 for the 10 Raleigh police cars . \$4,375 for components, \$1,425 for installation.
- Initial commitment was for 10 marked patrol cars
- Minimal infrastructure cost
- Tank and pumping unit provided by gas provider



What Was Important to Us?

- Safety
- Reliability
- Convenience



Why Convert to Propane?

- Lower fuel costs
- Reduced emissions (greenhouse gas was reduced by 20 percent)
- Need for an alternate fuel source (propane is 90 percent domestically produced)



Hybrid Vehicles

- Vehicles run on gasoline, propane, or E85
- Can be switched back and forth
- Hurricane Irene



Usage May '11-Feb '12

- Approximately 122,400 miles driven
- 17,000 gallons of propane used
- 15,300 gallons of gasoline displaced
- Approximately \$16,300 saved



RPD Propane Fueling Station: 6716 Six Forks Road



Where We are Going

- Adding 10 additional marked vehicles
- Current infrastructure will support additional cars



Questions?

