Go Green Go Riteway
Who We Are

- Go Riteway is a Transportation Company
- Our Service Vehicles Include
  - School Bus
  - Airport Shuttles
  - Motorcoaches
  - Mini-Coaches
  - Sedans and SUVs
Some of Our Green Initiatives

- We have a Fuel Conservation Policy
- We have Self-Sustaining Hybrid Buses
- We have Propane Fueled Vans within our Airport Shuttle Vehicles
- We have Propane Fueled School Buses
Propane Project

- First we looked at our ROI and found that we could utilize a green technology and also, increase our bottom line.

- We then decided that it would be best to install our own propane re-fueling station with the following reasons in mind:
  - Locations currently available
  - Price of buying bulk propane
  - Ease of accessibility
Station Considerations

- Items to Consider When Building a Station
  - Site preparations/size
  - Rules and regulations
  - Training requirements
  - Maintenance factors
  - Record keeping
Infrastructure
Airport Shuttle

- Roush Propane System on 5.4L Engine
  - Fuel Economy
    - Fuel Mileage Drop 15-20% (Over 13,000,000 miles)
  - Repair and Maintenance
  - Cost of Fuel
    - 33% Less than Gasoline
- Prins Bi-Fuel System on 3.7L Engine
  - Gained Flexibility and Range
  - Maintained Usage Levels
- Items to Consider
  - EPA Cert
  - Self Install
School Bus Propane Analysis

- Initial Analysis
  - Cost of Diesel Bus vs. Propane Bus
    - About $4k to $5k More for Propane
  - Estimated Fuel Economy Drop-Off
    - 30% from Diesel
  - Actual Fuel Economy Drop-Off
    - 50% from Diesel
  - Cost of Fuel Difference
    - 51% from Diesel
School Bus Propane Analysis

- Differences in Maintenance
  - DEF usage none so $56.00 annual savings
  - Oil and filter cheaper but shorter interval so cost neutral
  - No turbo charger so $343 annual savings 1.5 in lifetime
  - No EGR so $117 annual savings 2.5 lifetime
  - No DPF so $120 annual savings 1 lifetime
  - Other potential savings injectors and labor etc...
Positive Notes

- Vehicle performance
- Vehicle warm-up
- Smell & Sound
- Green Fuel
- Potential Tax Incentives
Bumps in the Road

- Cost of propane
- Parts availability
- Outside vehicle repair
  - Technician certification
  - Shop availability
- Driver Training
  - Refreshers and enforcement of idling policies
Thank You

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