Estate Propane AutoGas History

• 2012 Installation of Alliance Autogas propane filling station.
Staubli Nozzle

• 2015 upgrade/installation of the Staubli nozzle.
• Increased confidence and efficiency.
Vehicles

- 2012 first conversions of two new Ford E-450 20pass. ADA lodging shuttles bi-fuel.

- 2013 additional conversions of four P&T shuttles and two Company Police vehicles. Mobile Source Emission Reduction Grant (MSERG).

- 2014 conversion of two new Diamond body 25 pass shuttle buses.

- 2015 purchase of five shuttles that were converted.

- Retired propane shuttles three early 2018.
Current State

- 12 total converted vehicles: ten shuttle buses and two Police vehicles.
- Clean fuel shuttle - powered by propane.
- Guest interaction and questions.
Shop Operations

- Technician training.

- Prins Diagnostic Tool and Software.

- In house repairs and maintenance.

- Online parts ordering.

- Tech Support/Information Bulletin’s
Financials

• 163,380 total gallons of propane used since 2012.

• Total greenhouse gas emissions reduced 43.9 tons.

• Calendar year 2017: P&T estimated 67,500 guest transported, displacing 33,750 vehicles with an average 20mpg displacing 286,875 miles and 14,343.75 gals.

• $166,400 total fuel cost savings since 2012.
Looking Forward

Additional area’s of opportunity
- Mail services.
- Grounds Operations.
- I.T.
- Engineering.
- Possibility of converting Trolleys.

Ongoing training and education
- Fleet Staff
- Parking and Transportation
THANK YOU

Questions?