

# PROPANE AUTOGAS SUCCESS

CHESTERFIELD COUNTY, VIRGINIA



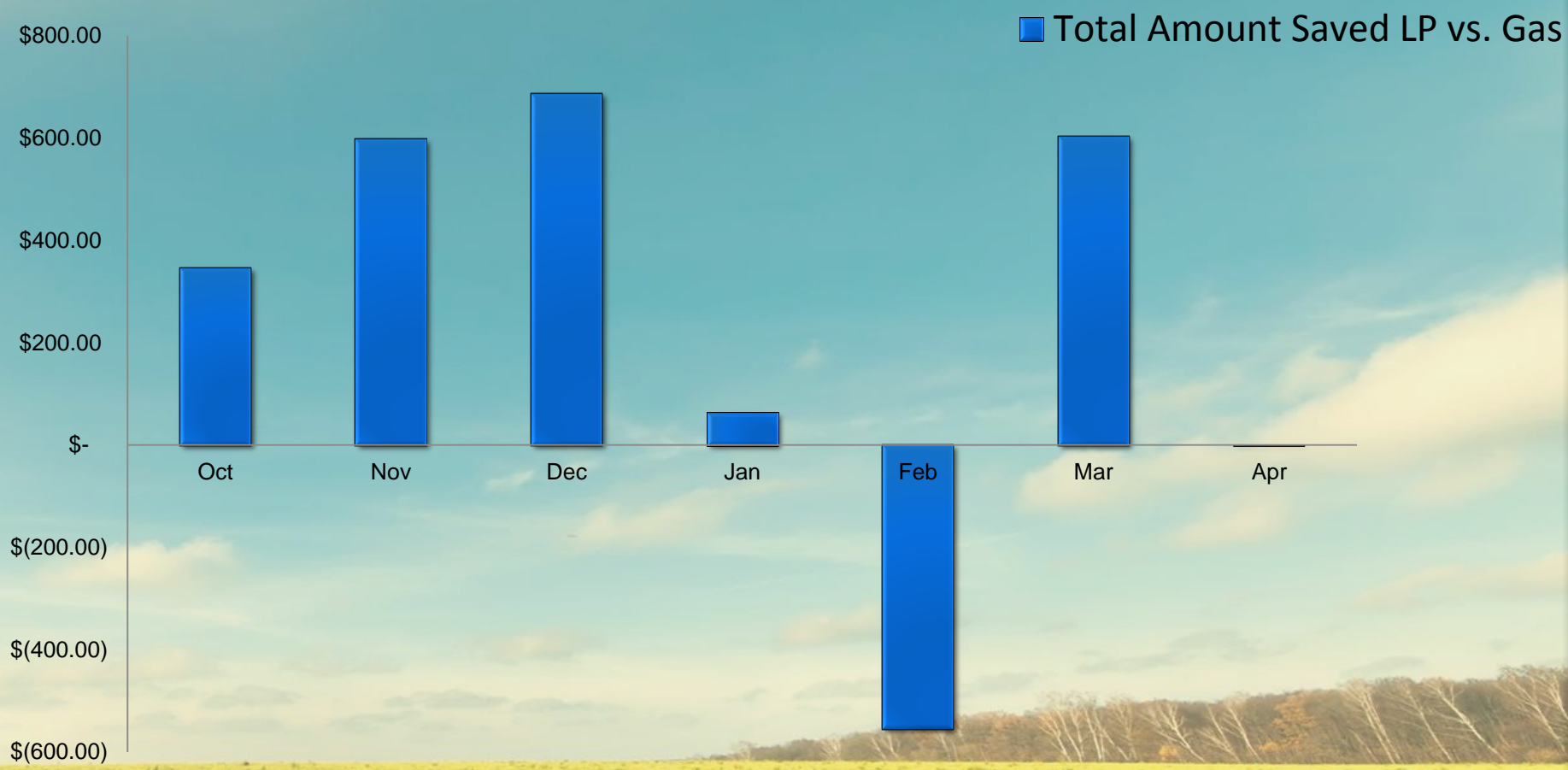
# WHY AUTOGAS (LPG)

- ❑ Improves Air Quality
- ❑ Combats Climate Change
- ❑ Available
- ❑ Safe
- ❑ 60% from Natural Gas
- ❑ Quick Installation
- ❑ Low Costs of Infrastructure & Kits
- ❑ Terrific Vehicle Performance



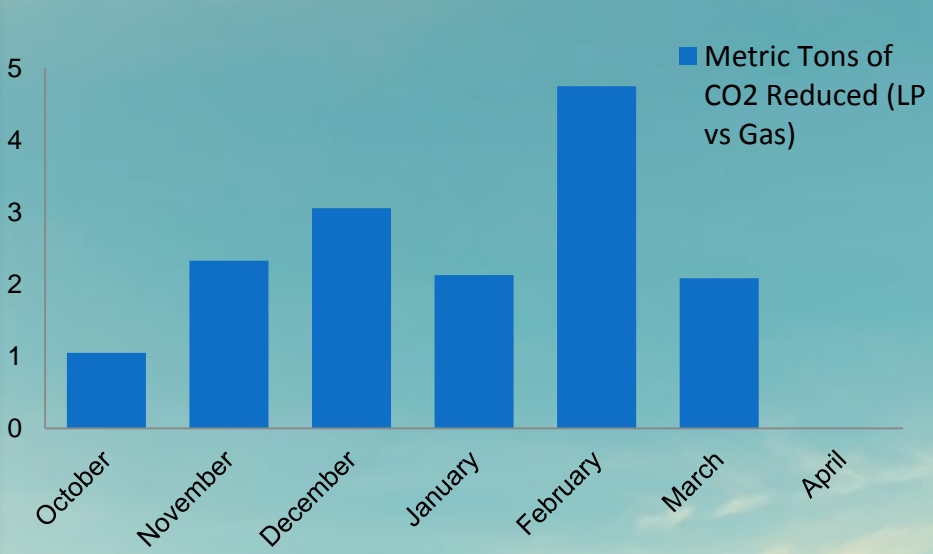


# LIQUID PROPANE vs. GASOLINE SAVINGS:

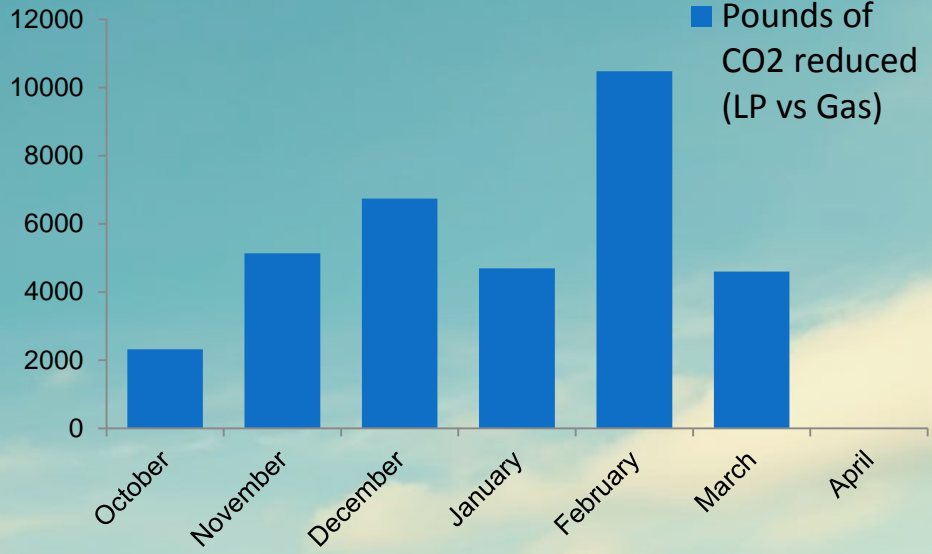


# REDUCING CARBON FOOTPRINT:

Metric Tons of CO2 Reduced (LP vs. Gas)



Pounds of CO2 reduced (LP vs. Gas)



## CARBON FOOT PRINT MEASUREMENTS

	Fuel Consumed (Gals)	Metric Tons of CO2 Emitted (Gas)	Metric Tons of CO2 Emitted (LP)	Metric Tons of CO2 Reduced (LP vs. Gas)	Pounds of CO2 reduced (LP vs. Gas)
<i>2013-2014</i>					
<b>October</b>	345.42	3.05	2.01	1.05	2,314.31
<b>November</b>	767.00	6.78	4.45	2.33	5,138.90
<b>December</b>	1,006.00	8.90	5.84	3.06	6,740.20
<b>January</b>	700.49	6.19	4.07	2.13	4,693.28
<b>February</b>	1,563.38	13.83	9.08	4.75	10,474.65
<b>March</b>	686.70	6.07	3.99	2.09	4,600.89
<b>Total</b>	<b>5068.99</b>	<b>44.8278</b>	<b>29.42543</b>	<b>15.40237</b>	<b>33962.23</b>

# SHERIFF'S DEPARTMENT FUEL COMPARISON

Number of Units	Annual Mileage per Vehicle	Gasoline MPG	Propane MPG	Gasoline Price	Propane Price
20	27,440	15.0	12.7	\$3.14	\$1.26

## ESTIMATED FUEL CONSUMPTIONS

Fuel	Annual Gallons per Vehicle	Annual Cost Vehicle
Gasoline	1,829.33	\$5,744.00
Propane	2,152.16	\$2,712.00

## ESTIMATED FUEL SAVINGS

Monthly Savings Per Vehicle	Annual Savings per Vehicle
\$253	\$3032 (\$60,640.00)



# MAINTENANCE VANS

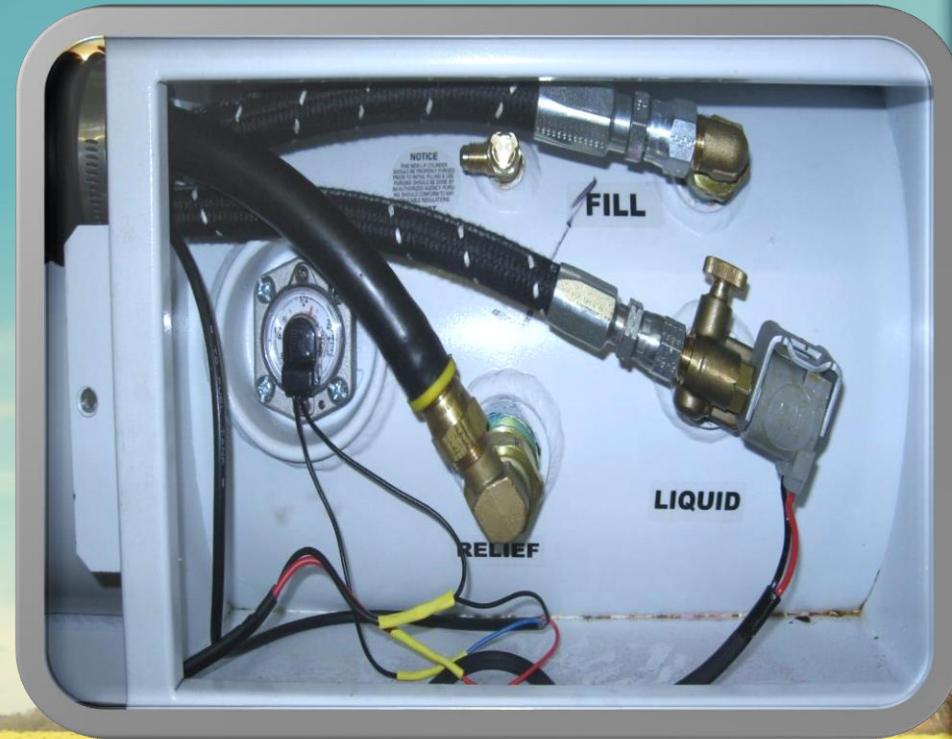


# POLICE CRUISERS





# TRUNK MOUNTED PROPANE CANISTER





# FUELING STATION





# FUELING STATION





# FUELING STATION



# HOW CAN YOU HELP?

- 1. Would like to see the Tax Incentive come back. (.50 per gallon purchased)
- 2. Grant Funding
- 3. Work on Funding for adding Fueling Infrastructures.
- 4. Work with OEM's on producing a Bi-Fuel Vehicle (autogas & gasoline)
- 5. Help reduce some of the Red-Tape so that Local Governments can implement using Alternative Fuels.