CMCSS the Beginning
In 2014 CMCSS bought the first propane Type C school bus in Tennessee. We scheduled it for a single driver on a particular route so we could monitor costs and fuel usage closely. We originally fueled the bus by having a truck come to the garage every other day!

After the success we had with that unit, in 2016 we made the decision to purchase 15 more propane buses. We applied and received a grant from East Tennessee Clean Fuels. We installed a 1,000 gallon fueling station at our main complex. The capacity almost instantly became a problem. A second tank was installed in 2017 doubling our capacity.
In 2017 we started the process of ordering 7 more and as of summer 2018 are running them out of our Liberty location. We are adding a 1,000 gallon fueling station at that site. We now have 23 units in operation. We use them to do field trips in and out of state... basically they are used just like our diesel units!

All data is intended for presentation purposes only.
Propane Advantages

• Lower Fuel Cost per mile: $.25 for propane versus $.31 for diesel

• Clean Burning – *Healthier for our Students*

• No costly emission controls:
  - No turbos
  - No Failed EGRs
  - No DEF cost
  - No aftertreatment devices!

• Lower maintenance costs for a service: $42 for propane versus $125 for diesel

• Faster warm up in winter operations
Propane Disadvantages

- Mileage lower
- Limited on fuel stations on long trips
- Taxes on propane purchase when out of state
Propane Promotion

- Had press event in mid-2017 when we received 15 new buses
- Ended up with some good photos
- District video team made great video on event

Click on video image to open video online!
Questions?