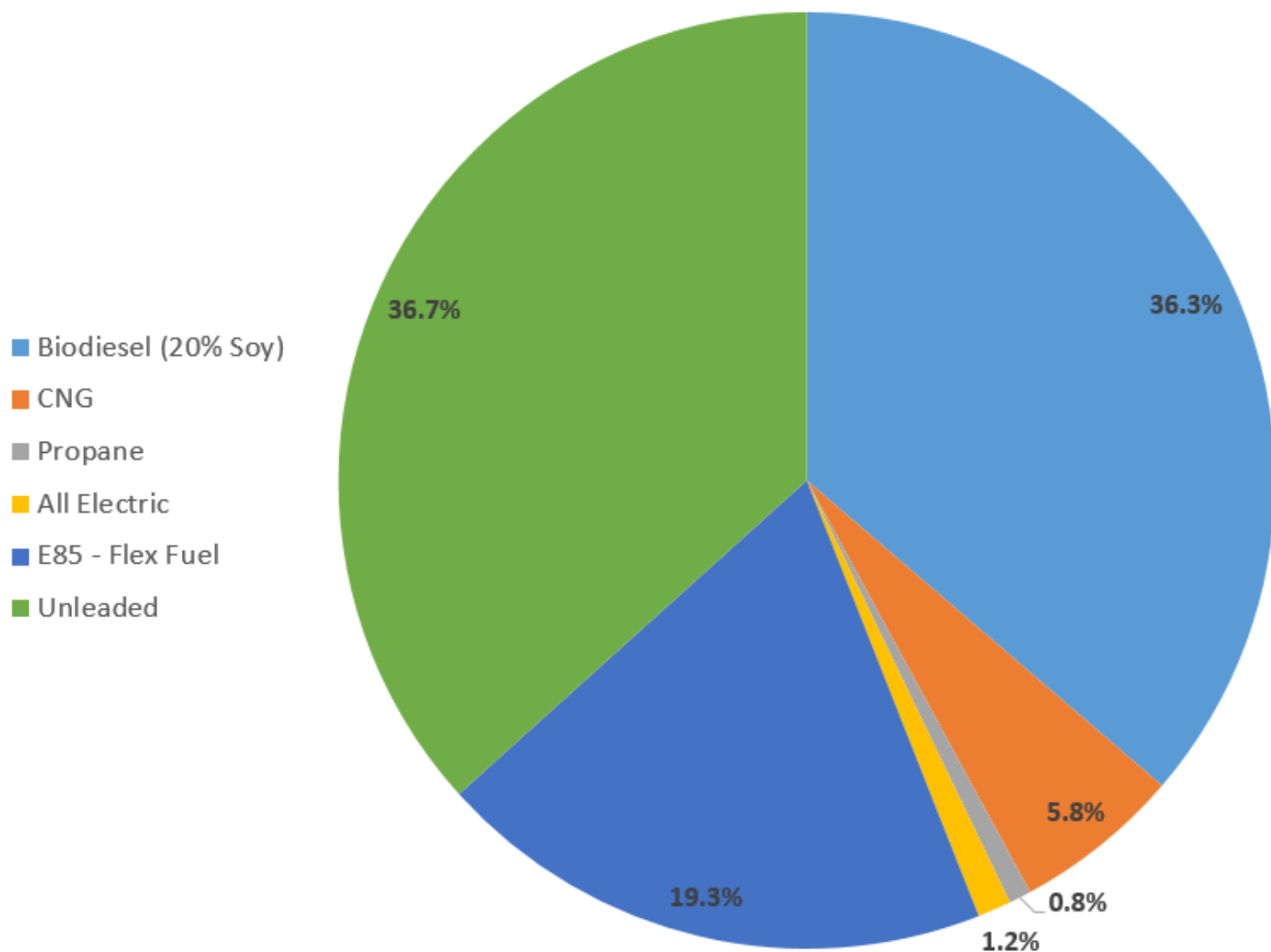




Alternative Fuel Use in the City of Moline: Biodiesel & Ethanol

Sarah Mark
Fleet and Facilities Manager



259 Units

- 94 Biodiesel – 36.3%
- 95 Unleaded – 36.7%
- 50 E85/Flex – 19.3%
- 15 CNG – 5.8%
- 3 All Electric - 1.2%
- 2 Propane - .8%

Regional Fueling Site

- City of Moline 259 pieces of equipment
- City of East Moline 149 pieces of equipment
- Black Hawk College 14 pieces of equipment
- Moline School District 20 pieces of equipment
- Moline Housing Authority 9 pieces of equipment
- Vibrant Arena 4 pieces of equipment

Back up fueling for the City of Silvis,

Project Now, Rock Island Arsenal Fire Department



In 2005, the City of Moline quietly switched from conventional diesel fuel to B20 ULSC diesel with soy. To avoid employees generating “ghost symptoms”, the change was not announced until it had been in use for more than a month.

BUT WHY BIODIESEL?

- Drop in solution
- No infrastructure upgrades
- Readily available
- Particulate matter by 47%
- Hydrocarbon reduction of 67%
- 72% Reduction in GHG!
- Supports our local economy!

YEAR ROUND SOY B20

City of Moline - 63,076 gallons

City of East Moline – 21,352 gallons

Black Hawk College – 1,029 gallons

Moline Housing – 433 gallons

2023: 85,890 Average Cost: \$3.50

2022: 82,740 Average Cost: \$4.07







E85

City of Moline – 24,750 gallons

City of East Moline – 209 gallons

Black Hawk College – 105 gallons

2023: 25,064 Average Cost: \$1.81

2022: 28,417 Average Cost: \$1.86

E10

City of Moline - 80,111 gallons

City of East Moline – 41,722 gallons

Black Hawk College – 2,726 gallons

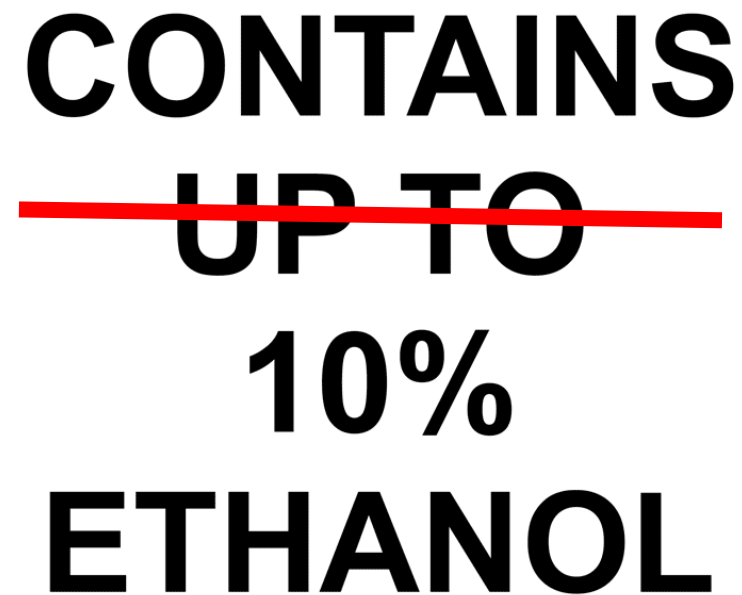
Moline School District – 6,937 gallons

Moline Housing Authority – 1,553 gallons

Vibrant Arena – 351 gallons

2023: 133,400 Average Cost: \$2.89

2022: 111,659 Average Cost: \$3.19



CONTAINS
~~**UP TO**~~
10%
ETHANOL

Reorder: NHE-31216 www.ComplianceSigns.com





E  **15**