Natural Gas for Transportation Roundtable

City of Milwaukee
Dept. of Public Works
Fleet Services Section

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Diverse Fleet

- 123 different types of equipment, from aerial lifts to welders

City of Milwaukee Fleet:
- Diesel units 1,036 pieces
- Gasoline units 1,799 pieces
- Propane units 5 pieces
- CNG Units 68 Pieces
- Non-Fuel units 995 pieces

Annual Fuel Use:
- Diesel fuel 1,040,000 gallons/year
- Gasoline 1,100,000 gallons/year
- Propane 14,000 gallons/year
- CNG 266,500 DGE’s
CNG Equipment

60 Refuse Packers
5 Cargo Vans
3 Mid-Size Cars
CNG Snow Plowing since 2010
Two CNG Fueling Stations

- Compressor drives both public and City access
  - Dual 250 Hp electric motor driven compressors
  - Two 3-stage storage cascades
CNG Fueling Stations

Front - Public Access

- 3000 / 3600 PSI
- Credit card access only
- Open 24/7
CNG Fueling Stations

Rear - City Access

- 3600 PSI only
- Employee card access
- RFID or Mag-Stripe
CNG Problems

- Refuse Truck Fire
- Hydraulic Leak
- Relief Valves Blew
- No Injuries
Thank You!