Saving Money by Going Green

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Purchasing

Company commitment to sustainability
  LEED Platinum – previous brownfield site, solar panels, wind turbine, repurposed building materials, local/organic produce

Chicago Area Green Fleet Grant
  Grant offset 50% of the cost differential of CNG vs. diesel for both M2112 straight truck and CA113 day cab

Freightliner Diesel
  Straight Truck  ~ $70,000
  Day Cab  ~ $105,000

Freightliner CNG
  Straight Truck  ~ $109,000
  Day Cab  ~ $145,000
Running

16 owned Freightliner CNG M2112s 2016 and 2017
4 owned Freightliner CNG CA113s 2015 and 2017
10 leased Freightliner CNG M2112s 2013 (?)

• Lower maintenance costs (TBD)
• No issues starting trucks in very cold weather
  – Engine block heaters still utilized but no need to run trucks overnight.

* No significant difference in MPG
ROI

Avg. 500 GGE/truck/month
.50 cent (current cost differential between CNG and diesel - $1.99 vs. $2.49)
= $250 savings/truck/month
X 12 months
= $3000 savings/year/truck
X 5 years (minimum life expectancy)
= $15,000 savings/year/truck

^ The remainder of the difference in upfront cost between CNG and diesel vehicles is almost offset. An increase in diesel prices only increases the savings.
Collaboration

• Chicago Area Clean Cities
• Fueling partners (IL and WI)

• As infrastructure increases and improves, overall costs decrease
  • Distance from facility to fueling sites
  • Distance from facility to CNG mechanic shops
Thank You

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