The Future of Home Heating

VIII

No.

The Industry

- Stationary Liquid Fuels Industry
- • We are:
- ~6,000 dealers nationwide
- ~8 million homes/Principally in Northeast
- ~7,000,000,000 gallons of fuel annually





- National Organization Established by Congress in 2000
- A Check-off Program
- Responsible for Consumer Education, Research and Development and Education and Training





Aggressively move forward





Which Fuel for the Future

Advanced Liquid Fuel

ULS equal to NG in PM 2.5 emissions B10 equal to NG in CO_{2e} emissions High heating efficiency Lowest oil for oil replacement cost Ideal for high bio fraction future Best for existing oil customer value









Clean Natural Gas Fuel

PM 2.5 emissions same as ULS CO₂₀ emissions same as B10 High heating efficiency Costly replacement for oil system Shale gas vs FRAC Act? Best for existing gas customer value Infrastructure Issues





Solid Fuel/Wood or Pellets

Bad PM 2.5 emissions Questionable CO₂ benefits Lowest heating efficiency High capital cost Large Space requirement Lifestyle changes required





Northeast's Distillate Supply Infrastructure



PADD 1 Middle Distillate Demand

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Governing Organizations



ASTM



Underwriters Laboratory

Local Building Codes



Conclusion

Questions

