

Los Angeles County
Metropolitan Transportation Authority

Clean Fuel and Biomethane Utilization Efforts



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Los Angeles County Metropolitan Transportation Authority
April 16, 2015

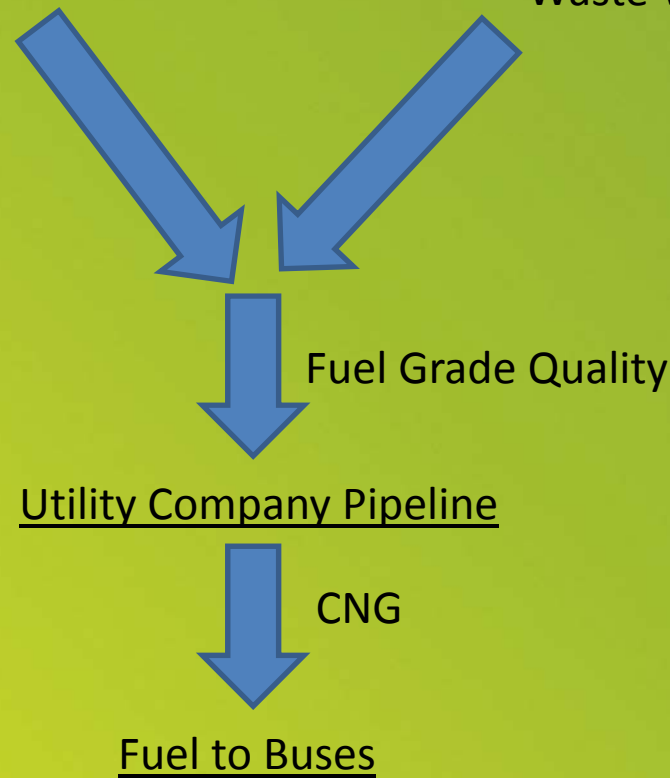


Fossil vs. Renewable Natural Gas

Fossil Natural Gas
Ground Extraction

Renewable Natural Gas

- Landfills
- Dairies
- Waste Water Treatment Plants

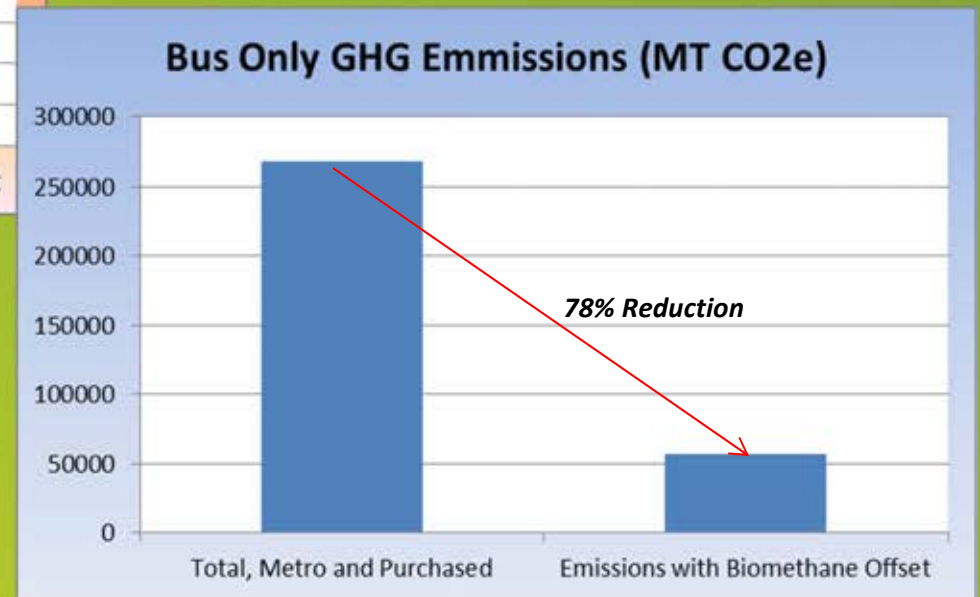
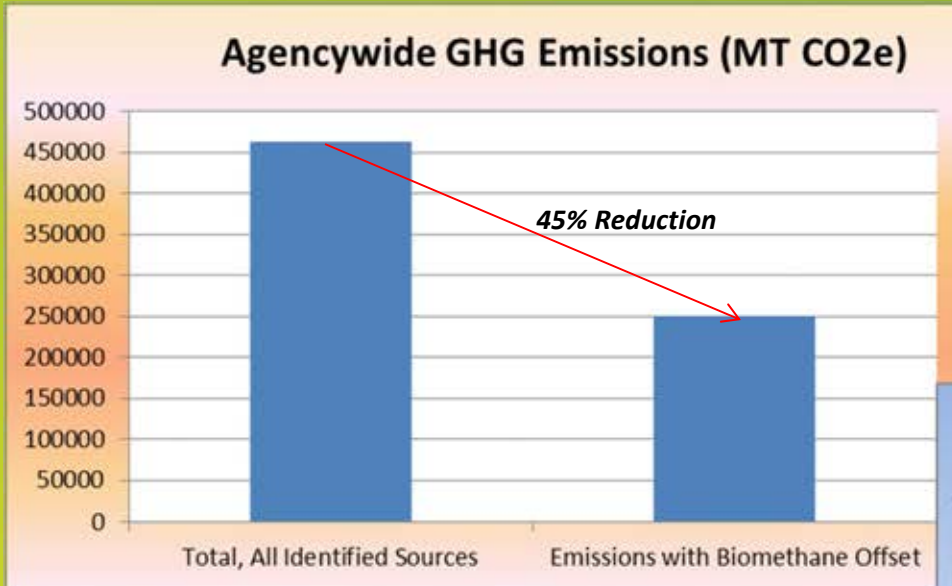


Biomethane Use at Metro

- Pathway 1 vs. Pathway 2
- Environmental benefits
 - Less Carbon Footprint
 - Low Carbon Fuel Standard Credits
- No operational or infrastructural changes
- At par or lower cost than fossil natural gas



Greenhouse Gas Emissions Reductions





Procurement

- Schedule
 - April 16: Completed Initial Procurement Documents
 - May 20: Issue Solicitation
 - July 13: Proposal due date
 - October 22: Board Approval of Award
- Biomethane Sources
 - Local sources are already being used
 - Most are out of state



Emerging Issues

- Biomethane procurements by other agencies
 - Option to purchase
 - Foregoing the right to carbon credits or value sharing
- Propulsion power and LCFS credits
 - Still needs some work
 - Staff estimates about 25k to 35k credits to Metro based on current methodology
- Other fuels



Metro



Questions/Discussion

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