



Intercity Transit

Bio Diesel Project
2002-2006

Agenda

- History
- Fleet Overview
- Intercity Transits Experience!
- Warranties
- The future?

What happened to us in the 90's?

Hydrogen?

Electric Trolleys?

Hybrid?

LPG?

Flywheels?

Synthetics?

Solar?

Nuclear?

Electric?

LPG?

Turbine Hybrid?

Ethanol?

Biodiesel?

CNG?

Exhaust Aftertreatment?

LNG?

Gasoline?

Ultra Low Sulfur Diesel?

Wind?

Methanol?

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- Seek partnerships

2002 Policy Decisions..

- Intercity Transit will pursue propulsion systems and fuel types for new and existing equipment that reduce emissions, reduce the use of imported fossil fuels, and maximize the use of renewable fuels. Intercity Transit recognizes that these fuels must be reliable and available at a reasonable cost.
- Intercity Transit will pursue technologies that transition I.T.'s fleet into advanced propulsions systems and away from conventional fueled systems. Intercity Transit recognizes the need to adjust to changing technologies and will not introduce technologies that have an adverse impact on operating and maintenance of I.T.'s fleet, or that put at risk service reliability and quality.
- Intercity Transit recognizes that increasing ridership on public transportation is the most effective way of meeting the goals of reducing emissions and the use of imported fossil fuels. Intercity Transit also recognizes its role as a leader in our community in meeting these goals and encouraging the use of new technology and fuel types.
- Intercity Transit will aggressively pursue grant and other funding to implement new technologies and fuel types.
- Intercity Transit will seek partnerships in the local community, state, and the transit industry to test and implement new fuel types and technologies.

Fleet

- 10-1986 Orions (6V92 Detroit Diesels) Surplused in 2005
- 1-1992 Ford F250 (7.3 Ford)
- 8-1996 Gilligs (Series 50 Detroit Diesels)
- 12-1998 Gilligs (ISC-8.3 Cummins)
- 4-2000 Eldorados (7.3 Ford)
- 8-2001 Eldorados (7.3 Ford)
- 9-2002 Eldorados (7.3 Ford)

Fleet Continued

- 4-2004 Eldorados (7.3 Ford)
- 8-2004 Eldorados (6.0 Ford)
- 8-2004 Gilligs (Series 50 Detroit Diesels)
- 17-2005 Gilligs (ISL-8.3 Cummins)
- 1-2005 Ford F250 (6.0 Ford)
- 1-Tennant Sweeper (Kubota 1500)
- Total 91
 - 1-Sound Transit Hybrid (test)

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- Intermittent increase in filter cycles (some fleets only).

Warranties

- “The Trap” Recommendations VS Warranty Language?
- Recommendation. IE No more than 5%
- Warranty language covers all “bad fluids” (oil, fuel, coolant, hydraulic ect.)
- We don’t get “trapped”. Prove it is bad!
- Random sampling

The Future

- How far into the future will Biodiesel take us?
- One year at a time. In 2006 we will continue with ULSF/B20.

Questions

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- Thank You!