



FPL

FPL Biodiesel Program

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July 27, 2011

FPL Program History

- “Pilot Program” Started In 1999
- Two Geographic Sites Selected
- Deliveries Facilitated Through Fuel Vendor
- FPL Established Internal Test Criteria
- Engine Oil Sampling/Testing
- Data Monitored – Six Months Post Usage



FPL Program Results

- 1999-2003 40,000 Gallons (B-100) Purchased Annually
- 2003 – Current 400,000 Gallons+ (B-100) Purchased Annually
- Testing Results – No Appreciable Change In Fuel Economy, Engine Wear Or PM Parameters
- Transparent To Driver – End User
- Positive Impact – “Public Perception”



FPL Program - Strategies

- Capitalize On Tax Incentives – Jobs Creation Act of 2004
- Blenders May Pass On All Of Tax Credit Or Redirect Into Infrastructure Costs (User Can File Themselves)
- Use High Quality Fuel Produced To ASTM D-6751 Standard From BQ-9000 Producers (FPL Standard Exceeds ASTM)
- EPA Act of 1992 – Compliance Strategy



FPL Experience – FAQ's

- Does Biodiesel Increase Maintenance Associated With Fuel Filter Clogging?
- Do You Have Storage Related Issues or Cold Flow Problems?
- Do You See Fuel Economy Reductions or Engine Performance Issues With Biodiesel?



Summary

- Know & Specify Your Feedstock – Operational and Social Impacts
- Know Your Supplier
- Understand The Economics
- FPL Test Results Support Industry Data
- Petroleum Reduction Through Stacking Technologies



FPL Storm Experience

- 10,000+ Foreign Crews Assisting
- 8,000 Additional Vehicles/Equipment
- 195,000 Gallons Fuel Dispensed Nightly (B-20)
- Pre-Storm Activities By Retail Consumers Strain Distribution Network
- Port Closures Prior To Landfall



FPL Storm Experience

- “Majors” Allocate Fuel To Customers
- FEMA Can Take Control Of Assets
- Storm Illustrated Weaknesses In Fueling Rack Physical Plant – Orlando Rack
- NO Fuel Availability 3-4 Days
- Biodiesel Availability Unrealized By Most



Fuel Tanker #9617



Tanker Dispensing/Pumping Equipment



Fuel Tractor/Trailer Unit #8171



Fuel Tractor Transfer Pump



Pumper Truck Dispensing System



FPL

Fuel Transfer Pump – Remote/Portable



Industry Expert

- For More Information Contact:

National Biodiesel Board

www.biodiesel.org

800-841-5849

