

KENTUCKY CLEAN



FUELS COALITION

**Spring Meeting
Shaker Village
April 29, 2011**



**GREEN FLEETS
OF THE BLUEGRASS**

Emily Sartini

M.A. Energy & Environmental Analysis
emilysartini@gmail.com



Program Background

- Goal
- Vision
- Objectives

Program Overview

- Evaluation Criteria
- Annual Ratings
- Annual Awards

Program Details

- Data Submission & Deadline
- Identifying Baseline
- Submitting Baseline
- Data Collection Survey

Kentucky Clean Fuels Coalition



Program Background

Goal

Vision

Objectives



Program Goal

Improve the environmental performance of vehicle fleets across Kentucky by **significantly reducing petroleum fuel use.**



Program Vision

Recognition of fleets of all types and sizes across Kentucky for **environmental and economic stewardship** in utilizing best practices.



Program Objectives

- ◉ **Engage** fleets across Kentucky
- ◉ **Share** best practices
- ◉ **Recognize** and reward achievements
- ◉ **Challenge** for continual improvement



Program Overview

Evaluation Criteria

Annual Ratings

Annual Awards



Evaluation Criteria

Annual evaluation on **seven criteria**:

1. Vehicles
2. Fuel
3. Maintenance
4. Operation
5. Partnerships
6. Strategy
7. Transparency



Annual Ratings



IMPROVING

Progress in **four** of the seven criteria areas.



ACHIEVING

Progress in **all** seven criteria areas.



LEADING

Continued strong progress in
all seven criteria areas.



Annual Awards

Awards given for exceptional results, such as:

- Substantial petroleum reductions
- Leadership on infrastructure development
- Best in class programs for fleet size or sector



Program Details

Data Submission & Deadline

Identifying Baseline

Submitting Baseline

Data Collection Survey



Data Submission & Deadline

- 30 minute survey via KCFC website
- Two submissions:
 1. Baseline data – One time
 2. Year End data – Annually by Nov. 1st



Identifying Baseline Data

Fleets *with* existing green initiatives:

- Baseline data as of **January 1, 2011**
- Or earlier

Fleets *without* existing green initiatives:

- Baseline data as of **May 1, 2011**



Submitting Baseline Data

By **November 1st**

Submit baseline & year end data submissions by final deadline.

OR

By **June 30th**

KCFC members that submit data by the end of the fiscal year will receive recommendations for improvements ahead of year end evaluations.



Data Collection Survey

- **Data Year** – Baseline or Year-end
- **Vehicles** - #; conventional v. advanced; miles
- **Fuel** – type and amount
- **Operation** – anti-idling policy; driver education (Y/N)
- **Maintenance** – schedule; record (Y/N)
- **Partnerships** – groups; other companies (Y/N)
- **Strategy** – written plan (Y/N)
- **Transparency** – communicate results (Y/N)
- **GHGs** – Provide if available (optional)



Questions?

Green Fleets of the Bluegrass
Kentucky Clean Fuels Coalition
Melissa Howell, Executive Director
502.452.9152
kycleanfuels@insightbb.com



U.S. Department of Energy's Alternative Fuel and Advanced Vehicle Data Center

- **Alternative Fuels** include the following commercially available fuels: *Biodiesel, Ethanol, Hydrogen, Methanol, Natural Gas, Propane, and Electricity.*
- **Alternative Fuel Vehicles** are *dedicated, flexible fuel, or dual-fuel vehicles designed to operate on at least one alternative fuel.*
- **Advanced Technology Vehicles** *combine new engine, power, or drivetrain systems to significantly improve fuel economy. These include fuel cell, hybrid electric, and plug-in hybrid electric vehicles.*
- **After Market Improvements** -- Examples of other technologies include engine replacement, idle reduction equipment, efficient auto-inflated tires, retrofits with emissions control devices including diesel particulate filters, diesel oxidation catalysts, and closed crank case ventilation systems.



High Rating Fleets are:

- **Achieving** in all seven criteria areas
- **Reducing** petroleum use
- **Increasing** use of alternative fuel & advanced vehicles versus conventional fuel & vehicles
- **Leading** in the advancement of the adoption of alternative fuel and advanced vehicles