

Clean Fuel Advanced Technology Success Story: Metrolina Biofuels



Project

A total of \$2M in funding was provided to the NC Solar Center at NC State University by the NC Department of Transportation, State Energy Office and Division of Air Quality. Funds were used for the Clean Fuel Advanced Technology Project (CFAT) to reduce transportation-related emission in NC counties that do not meet national air quality standards. Metrolina Biofuels received \$9,800 to install a publicly-available B99 (99% biodiesel, 1% petro-diesel) pump in Charlotte, NC. Biodiesel is a cleaner burning renewable fuel made from a variety of feedstocks such as soy oil, animal renderings and waste vegetable oil.

CFAT Impact by the numbers

Tank Size:
500 gallons

Emissions Reductions per Year:

152 kg/yr VOCs
92 kg/yr PM
179,965 kg/yr CO₂
916 kg/yr CO

On the Road to Success:

- Metrolina Biofuels is helping to increase the availability of biodiesel in the Charlotte region. In August 2008, they began pumping B99 out of a solar-powered dispenser. This is the first publicly-available B99 in Charlotte.
- A 500-gallon tank utilizes locally-produced biodiesel which can be accessed by appointment when calling George Bostic at the number below.
- The opening of the pump marked the end of a long journey for the members of Metrolina Biofuels, a long-standing member of the Centralina Clean Fuels Coalition. After receiving CFAT funding notification, the group began work on the dispenser only to encounter obstacles regarding the location and power source. The pump was finally located at 3711 Miranda Road in north Charlotte.
- Metrolina Biofuels anticipates that the pump's location near the intersection of I-77 and I-85 will attract motorists traveling through the region that are interested in fueling with this cleaner burning renewable fuel that can be used in any diesel vehicle.
- Plans are to locate a second B99 pump in downtown Charlotte in the near future.



Additional Accomplishments

- Metrolina Biofuels has outfitted a used truck to use for distributing their biodiesel.

Contact

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In the Charlotte region the NC Solar Center has partnered with the Centralina Clean Fuels Coalition for education and outreach. For more information about Clean Transportation projects visit:

www.4cleanfuels.com and www.cleantransportation.org 10/08