



Georgia School Bus Retrofit Program

GAPT 2008



Topics



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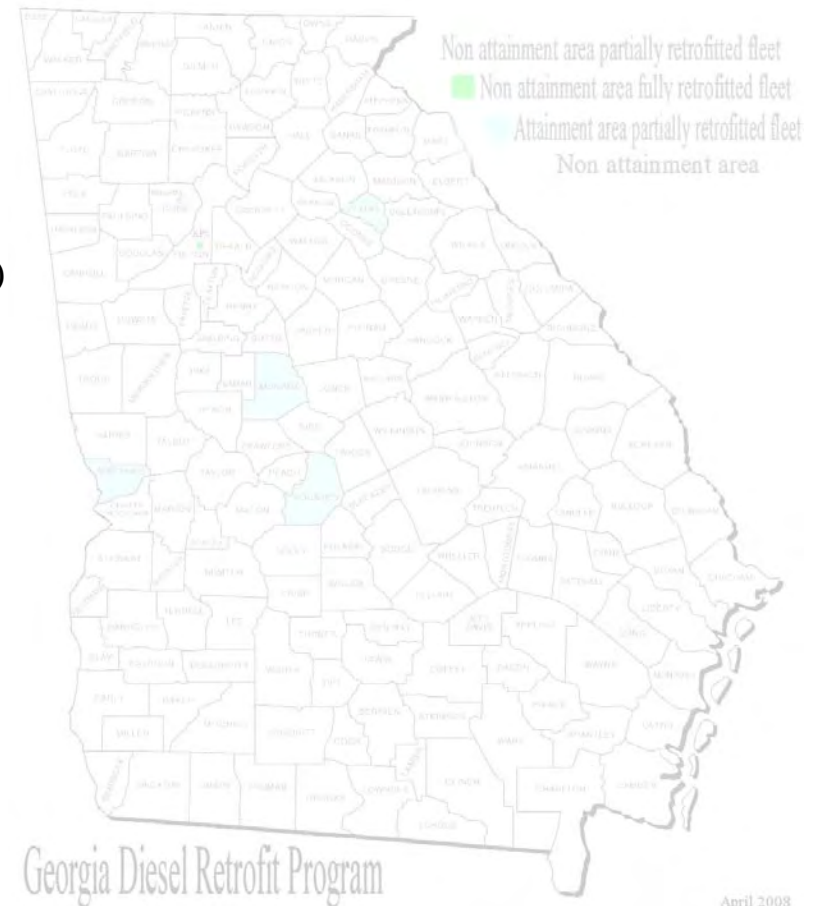
Introduction to the Georgia School Bus Retrofit Program

- Everyday, more than one million children board Georgia's 13,410 school buses traveling to and from school.
- Georgia School Bus Retrofit Program
 - Named the Georgia Adopt-A-School Bus Program in 2003
 - Designed to help school systems in Georgia to reduce to the maximum extent possible the emissions from their school bus fleets
 - Establish partnerships between school systems, community businesses, corporations, and civic organizations with the common goal of protecting the health and well being of children in their communities.



Participating Schools

- Atlanta Public Schools: 373 Buses
- Bartow County Schools: 27 Buses
- Bibb County Schools: 10 Buses
- Clarke County Schools: 63 Buses
- Clayton County Schools: 102 Buses
- Coweta County Schools: 26 Buses (40 in process)
- DeKalb County Schools: 33 Buses
- Floyd County Schools: 25 Buses
- Henry County Schools: 108 Buses
- Houston County Schools: 4 Buses
- Marietta City Schools: 28 Buses
- Monroe County Schools: 4 Buses
- Muscogee County Schools: 39 Buses
- Newton County Schools: 100 Buses
- Jackson County Schools: (25 in Process)
- Richmond County Schools: (28 in Process)
- Burke County Schools: (27 in Process)





Accomplishments

School Buses that have been retrofitted or are under agreements to retrofit

Diesel Particulate Filters	Partial Flow Filters	Diesel Oxidation Catalysts	Crank-Case Filters
476	208	289*	741

*DeKalb used 33 of the DOCs removed from 2006 model buses and installed them on buses that did not have any emission controls



Funding Sources

- EPA Clean School Bus USA
 - Georgia has received three awards: 2004, 2005 and 2006
 - These funds have retrofitted 133 buses and helped supply ULSD and Biodiesel
 - Participating school systems were Clayton, Coweta, Bibb, Houston, Monroe, and Clarke Counties.
- Toyota SEP
 - Henry, Newton, and City of Marietta received these funds.
 - 236 Buses were retrofitted with DPFs



Funding Sources

- Georgia Pacific SEP
 - Total funding of approx. \$3.6 million
 - Completed Projects
 - Atlanta Public Schools (373 Buses)
 - Bartow County Schools (27 buses)
 - Clayton County Schools (76 buses)
 - DeKalb County Schools (33 buses)
 - Floyd County Schools (25 buses)
 - Muscogee County Schools (27 buses)
 - Projects in Process
 - Burke County Schools (27 buses)
 - Coweta County Schools (40 buses)
 - Henry County Schools (43 buses)
 - Jackson County Schools (25 buses)
 - Richmond County Schools (28 buses)



Funding Sources



- CMAQ Funding
 - Can only be spent in non-attainment areas
 - 2 CMAQ grants from fiscal year 2005 totaling approximately \$5.3 million dollars in Federal money
 - Requires 20% matching funds (\$1,060,000)
 - Received cash match of \$40,000 from the Georgia Regional Transportation Authority
 - \$250,000 placed in the Appropriations Bill to help match CMAQ funds
 - Still looking for \$770,000 that is needed to match the rest of the CMAQ funds
 - Funding can be matched in stages



Funding Sources

- Up coming funding sources
 - EPD has applied for CMAQ funding
 - \$11.2million dollars to be spent in all of Georgia's non-attainment areas
 - Hybrid electric School bus project
 - DERA 2008 Funds
 - Will be spent in Attainment Counties
 - State will receive \$251,022 to retrofit buses
 - EPD has applied for the SEDC grant at \$750,000 in Federal Funds.



How To Start a Retrofit Program

- Contact us
 - Come to the GA EPD table and let us know that you are interested in retrofitting your school buses or call us
 - We will place your contact information in a database for those who are interested in starting a retrofit program
 - We will make sure that you receive notices about workshops and funding opportunities
- Education
 - We are willing to meet with you on a one on one basis to:
 - Discuss the emission control technology options
 - Provide lessons learned and information on funding opportunities
 - Meet with vendors to learn more about specific technologies
- Have buy-in from your upper management
- Set aside budget for the retrofit project and/or apply for funding



How to Apply for Funding

- All upcoming funds and current CMAQ funds will require EPD to solicit for projects.
- EPD will send out a mass email to Transportation Directors with the solicitation attached
- There will be a predetermined deadline to receive proposals
- Proposals will be weighed against set criteria to determine which will receive precedence
- Proposals will be selected and awarded
- Schools that have been selected will receive an MOA, others will receive a letter letting them know that they did not receive the grant at this time
- Schools will need to return two signed copies of the MOA
- EPD will work with school systems to set a final work plan and then the project can begin
- School buses will be retrofitted!



Additional Information

- Engines and Fuels Unit: 404-363-7028
- Staff
 - Stacy Allman
 - William Cook
- Website:
 - www.gaepd.org
 - www.adoptabus.org