

# A Case Study in Retrofitting a School Bus Fleet

# Outline

- General Statistics
- Fund Sources (HGAC, CBfK, TxCSB, MoCo LIP)
- Number Installed and time frame
- Devices Used and Maintenance Equipment
- Operating Cost
- General Statistics
- Future Projects
- Key Sources used to implement Projects

# General Statistics

- District Square Miles
- Number of campuses
- Number of students transported
- Miles Driven per year
- Number of Buses
- Number of Routes & Field Trips

# Fund Sources

- Clean Bus for Kids –
  - Time Frame
  - Grant Funds and Matching Funds
- Houston Galveston Area Council
  - Time Frame
  - Grant Funds and Matching Funds
- Texas Clean School Bus
  - Time Frame
  - Grant Funds and Matching Funds

# Number Installed and time frame

- CBfK:
  - DPFs
  - CCVFs
- HGAC:
  - New Buses
- TxCSB:
  - DPFs
  - CCVFs
- MoCo/HGAC LIP (local initiative project):
  - New Buses

# Devices Used /Maintenance Equipment

- Maintenance of Filters
- Operation and Maintenance of Cleaning Equipment
- Equipment Location and Set-up

# Operating Cost

- Labor:
  - DPFs
  - CCVFs
  - Regenerating Machines
- Regenerating Machines:
  - Filters
  - Maintenance
- Spares:
  - DPFs
  - CCVFs (equipment and filters)

# Future Projects

- Remaining Fleet
- Biodiesel
- Bus Replacements

# Key Sources used to Implement Projects

HGAC

TxCSB

Texas Best

MoCo LIP