

MICHIGAN CLEAN DIESEL EFFORTS

Michigan Clean School Bus USA Grants

2004–

Okemos (\$70,000)

Partnered with Department of Environmental Quality (DEQ), 10 other school districts, technology vendors and local communities, Okemos Public Schools used a \$70,000 Clean School Bus USA grant and \$12,500 district match to retrofit **78 buses**.

Ann Arbor (\$95,357)

Retrofit **110 buses** and to also provide a two-year supply of **biodiesel fuel for 18 buses** in the neighboring Manchester Community Schools.

2005–

Okemos (\$388,519)

Expanded 2004 program by retrofitting an additional **283 buses** from every participating school district located in Michigan's 25 ozone and 7 PM_{2.5} nonattainment counties.

Traverse City (\$140,365)

Received grant with the school district contributing an additional \$38,956, to retrofit **120 school buses** and to **replace one 1984 model year school bus**.

2006–

NextEnergy (\$95,000)

Retrofit **58 school buses** in the Hamilton Community Schools, Hartland Consolidated Schools, Howell Public Schools, and the Edwardsburg School District.

Tuscola (\$50,000)

Retrofit up to **24 buses** with diesel oxidation catalysts for improved emissions and offset biodiesel costs. Helped purchase **biodiesel for all 75 buses** in the Tuscola Intermediate School District, Cass City Public, Vassar Public, and Millington Community Schools.

2007–

St. Clair (\$166,185)

Retrofit **183 buses** with diesel oxidation catalysts. St. Clair Regional Education Service Agency will use cleaner fuels, and/or replace older school buses.

Elkton Pigeon Bay (\$59,120)

Retrofit **12 school buses** with emission-reducing diesel oxidation catalysts and replace the district's heaviest polluting bus. District will use **B20, a bio-diesel**, and hold a workshop for other Huron County school districts on the benefits of B20 and diesel oxidation catalysts.

Midwest Clean Diesel Initiative Grant

2008–

Southeast Michigan Diesel Reduction Project (\$495,320)

[EPA: \$196,880; Private Match: \$200,000; EPA Match incentive: \$98,440]

The Michigan DEQ, in coordination with its partners in the Michigan Clean Diesel Initiative, will administer the Southeast Michigan Diesel Reduction Project. EPA's allocation was matched by a private contribution by Marathon Oil Company to qualify the project for EPA's match incentive. The Southeast Michigan Diesel Reduction Project is focused on decreasing diesel emissions via the **retrofit of school buses in metropolitan Detroit**.

Reductions will occur by installation of EPA and/or California Air Resources Board verified technologies, including diesel particulate filters, diesel oxidation catalysts, or crank case filtration systems. The project will also provide a general education and outreach component which will be administered by the project's partners and the Michigan Clean Diesel Initiative.