

Hybrid Electric School Busses: the Road to Reduced Fuel Consumption, Healthier Children and Cleaner Air.

Briefly stated, the objective of this project is to promote the market adoption of an efficient, sustainable, near-term advanced vehicle technology through direct market intervention. More specifically, the key objective of this project is to simulate market production of existing heavy-duty hybrid systems in a school bus application and to demonstrate the technology to school districts throughout the U.S. through daily operation of these vehicles.

Total project cost: \$1,890,191

Funding request: \$840,000

Project Lead: Advanced Energy

Project Participants: NYSERDA, NC Dept. of Environment and Natural Resources, NC Dept. of Public Instruction, FL Dept of Education, Durham School Services, Little Rock School District, Sigourney/Keokuk Community Schools District, Keota Community Schools, Nevada Community Schools

Start Date: June 1, 2006

End Date: June 1, 2009

Presentations/Publications

During this quarter several presentations were given to the participating State Energy Offices. A presentation on the results of the State survey was presented at the first Advisory Committee meeting held in Chicago on May 11, 2006. The survey was coauthored by the Energy Resources Center and the Energy Center of Wisconsin to develop ideas priority activities for the new Rebuild American Midwest Application Center, and the survey results were presented to the States to to facilitate planning at the Advisory Committee meeting.

In addition, a presentation of the results of the first Advisory Committee meeting was prepared and presented to the States. A copy of that document is included as part of this report.

Patents

None.

Progress in Past Quarter and Current Status