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**ATDynamics awarded funding to develop advanced fuel-efficiency technology**

SOUTH SAN FRANCISCO, August 20, 2009 – ATDynamics announced today that it will receive funding from New York State to accelerate the commercialization of next-generation trailer aerodynamics. ATDynamics will use the funding to research, develop and demonstrate active flow control (AFC), a technology that reduces aerodynamic drag by modifying airflow at the rear of tractor-trailers.

The funding, in the amount of \$499,645, was awarded by the New York State Energy Research and Development Authority, and will be matched by approximately 50% cost share from ATDynamics over the next two years.

“To carry on our role as a pioneer in trailer aerodynamics, we’re providing the long-haul trucking industry with a technology that is well established in aerospace engineering,” said Andrew Smith, CEO of ATDynamics. “With support from New York State, we can turn active flow control into a trucker-tough product that is cost-effective for our fleet customers and OEM partners.”

AFC will complement ATDynamics' current portfolio of U.S. EPA SmartWay-validated aerodynamic technologies, which are available for all major brands of trailers. The ATDynamics-Transtex Skirt has been shown to improve fuel efficiency by 7.35% at 60 mph based on SAE J1321 testing, while the ATDynamics TrailerTail® has achieved 5.1% fuel-efficiency gains at 62 mph. Like the TrailerTail®, AFC is designed to minimize low-pressure suction drag that develops behind tractor-trailers moving at highway speeds.

“Active flow control is well suited for fleets with roll-door trailers that right now aren't compatible with swing-door TrailerTail® technology,” said Chuck Horrell, VP of Engineering at ATDynamics. “We are engineering AFC to integrate directly into the rear frame of a roll-door trailer.”

Although ATDynamics will initially use New York State funding to target the trailer market, AFC may eventually serve as a breakthrough technology for optimizing the aerodynamics of containers, straight trucks and other ground-freight applications.

“NYSERDA is partnering with ATDynamics to reduce oil use and diesel emissions while providing New York freight carriers with a tool for holding down their fuel costs,” said Francis J. Murray Jr., President and CEO of NYSERDA. “This project demonstrates that New York State is committed to improving the fuel efficiency of heavy-duty vehicles on our highways.”

Beginning in 2010, ATDynamics will work with fleets operating in New York State to evaluate AFC during on-road operations.

ATDynamics will display its commercially-available aerodynamic technologies at the Great American Truck Show (GATS) in Dallas, TX, August 20-22, in booth #13107.

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### **About ATDynamics**

Advanced Transit Dynamics, Inc. (ATDynamics) designs and delivers best-in-class fuel-efficiency technology for the freight transportation industry. Based in South San Francisco, California, ATDynamics works with trucking fleets throughout North America to save fuel costs and reduce vehicle emissions. Since its founding in 2006, the company has generated widespread recognition, including management awards, product accolades and government funding to develop next-generation technologies. ATDynamics is an affiliate of the U.S. EPA SmartWay Transport Partnership and a member of the American Trucking Association's Technology Maintenance Council. For more information, please visit [www.atdynamics.com](http://www.atdynamics.com) or call (888) ATD-TAIL.