

ELECTRIC VEHICLES ARE HERE!

Alabama Power is excited about the unique opportunity this emerging market offers our customers.

Alabama Power advocates electric transportation technologies, both on-road and non-road, and we are ready to meet our customers' evolving electric transportation needs.

ALABAMA POWER'S ELECTRIC TRANSPORTATION INVOLVEMENT

Alabama Power has been involved in electric transportation research since the early '90s.

We're working with electric vehicle manufacturers and the Electric Power Research Institute (EPRI) to bring economically and technologically viable on-road electric transportation technologies to the marketplace, enhance the speed of adoption, and understand the impact of electric vehicle charging on our nation's electricity grid.

We're also evaluating plug-in electric vehicles, both hybrid and all-electric, and



charging technologies for use in our own operations.

We are helping to develop charging infrastructure standards for the multi-vehicle rollout, including standards for vehicle-to-home (V2H) and vehicle-to-grid (V2G) technologies.

INDUSTRY LEADER

Alabama Power is leading the nation in non-road electric transportation technology. We are promoting a multitude of all-electric non-road transportation and charging technologies at airports, seaports, rail yards, mines and distribution centers, where electric material handling equipment is used in



almost every industry to move cargo, stock, pallets and other materials.

We've helped many commercial and industrial customers save thousands of dollars annually on fuel costs by using electric vehicles and equipment to move materials. With today's fast charging systems, the availability and productivity of electric material-handling vehicles and equipment has increased, contributing to cost savings and operational efficiencies.

CHARGING OPTIONS

Today's electric vehicles are capable of being charged from a standard 120-volt receptacle, which is in every home. So, a buyer can purchase a car and drive it home and charge it in a standard outlet. However, some vehicles may require 240-volt chargers for overnight charging.

BENEFITS OF ELECTRIC TRANSPORTATION

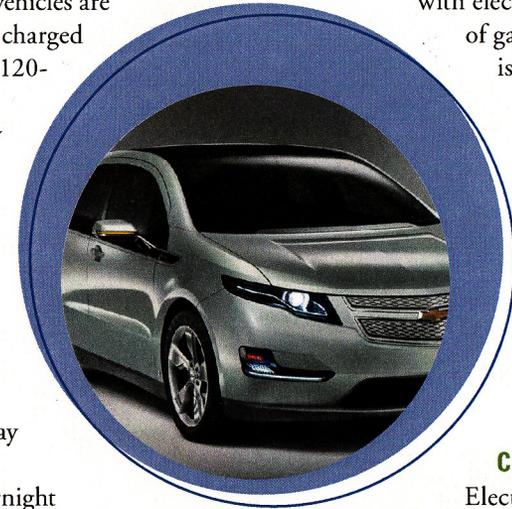
On-road and non-road electric vehicles and equipment are quiet, efficient and clean. They offer users the opportunity to save money on fuel and maintenance costs, reduce their environmental impact, and contribute to U.S. energy

independence by using a domestic source of energy.

Gasoline or diesel engines wear over time, leading to higher tailpipe emissions with age. Electric vehicles will get cleaner over time as the generation of electricity continues to get cleaner. Alabama Power is investing billions of dollars to reduce our emissions.

Even though electric vehicle owners can expect to see an increase in their electricity use, they will still save money powering their vehicles

with electricity. The cost of gasoline per mile is greater than the cost of electricity per mile. It's estimated that electric vehicle owners will realize about a 60 percent savings in fuel costs.



MEETING OUR CUSTOMERS' NEEDS

Electric transportation is an opportunity to enhance our customers' experience by helping them save money and reduce their environmental impact. Alabama Power is finding ways to help customers who choose to purchase electric vehicles. We're continuously evaluating our rates and programs for off-peak usage so customers can save on their electric vehicle charging costs.