

ARKANSAS ENERGY & ENVIRONMENT

You have received this newsletter because you visited the Arkansas Clean Cities Coalition (ACCC) website and expressed an interest in receiving information about clean transportation options in Arkansas. Please forward the newsletter to others who also may be interested.

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LOWER-COST, LOWER-CARBON E15 FUEL

E15 is a 15% ethanol blended fuel that can be found in more than 2,700 gas stations across the country. As the nation pushes toward becoming carbon neutral coupled with increasing prices at the pump, E15 is positioned to become an attractive alternative for many drivers. Often the question is asked, "What vehicles can run E15?" E15 was approved by the U.S. Environmental Protection Agency for all light-duty vehicles model year 2001 and newer. That's more than 96% of the vehicles on the road today or more than 245 million cars or trucks, accounting for 98% of all vehicle miles traveled.

A new study from Agriculture and Biofuels Consulting (ABF) Economics found if E15 became the popular fuel in the country, adoption could save consumers \$20.6 billion in annual fuel costs, add an additional \$36.3 billion in income to the federal government, and support an additional 188,000 jobs. E15 is also environmentally friendly. Ethanol reduces greenhouse gas emissions by 46% compared to regular gasoline. A simple change to nationwide E15 would reduce CO2 emissions by more than 17.62 million tons per year; the equivalent of taking 3.85 million cars off the road. This leaves E15 as a valued tool when it comes to building an alternative fuel portfolio. However, E15 hasn't truly been accepted as an alternative fuel source due to the cost of production of the adoption of station owners in some areas. At present, E15 is only available at about 2% of gas stations nationwide. As the alternative fuel sector continues to evolve, overcoming E15's availability and production costs will be essential in increasing its adoption as a sustainable fuel source.

ALTERNATIVE FUEL: CLEAN VEHICLE CREDITS



The Treasury Department and the IRS released additional information on the Clean Vehicle Tax Credits. These include credits for light-duty and commercial alternative fuel vehicles. Greater clarity was offered to consumers and businesses that can now access tax benefits enabled by the clean vehicle provisions in the Inflation Reduction Act. The additional information includes a frequently asked questions document, a notice on the "incremental cost" of vehicles eligible for the commercial clean vehicle tax credit, a notice of intent to propose regulations on the tax credit, and a white paper on the anticipated direction of critical minerals and battery components requirements. Arkansas is currently home to two EV manufacturers that may benefit from this credit. Canoo, whose headquarters are located in Bentonville, specializes in light vehicles designed with fleets in mind. While Envirotech Vehicles selected Osceola as a state-of-the-art manufacturing facility to produce heavy-duty electric vans. For more information visit Internal Revenue Service website at: www.irs.gov/inflation-reduction-act-of-2022



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NEWS & EVENTS



COFFEE WITH A RESEARCHER 3: Dynamic Curb Planning and Management in an Evolving Mobility Landscape

MARCH 23

Register at: <https://nrel.zoomgov.com/meeting/register/vJltf-GsrzwsGLOzOJOlj8pav5igmeyDpyQ>