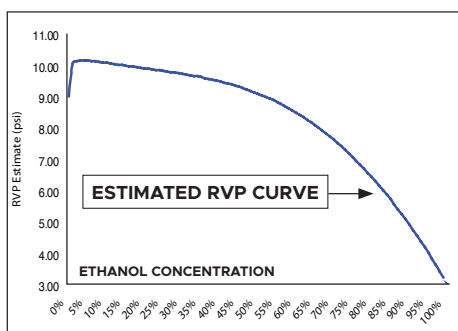


Ensuring 2024 Summertime Sales of E15

BACKGROUND

In an amendment to the Clean Air Act in 1990, Congress specified that fuel with 10% ethanol (E10 or regular) could be sold year-round to encourage use of bioethanol-blended fuels, which provide significant reductions in tailpipe emissions.

This Reid Vapor Pressure (RVP) waiver for E10, however, predated the introduction of higher bioethanol blends like E15, which have an even lower RVP. Despite having lower emissions than E10, low cost, low carbon E15 cannot be sold in the majority of states during the summer months.



IMPACT OF E15 (UNL88) ON FUEL PRICES

As a result of the emergency waivers issued in 2022 and 2023, consumers choosing E15 experienced average cost savings of 10-30 cents per gallon, with some locations offering over \$1 off per gallon.



CURRENT STATE OF GLOBAL FUEL SUPPLY

In response to rising concern about fuel prices and global fuel supply volatility, EPA issued emergency waivers to allow the sale of E15 in summer in 2022 and 2023. Unfortunately, those issues persist and have intensified, given the current unrest in Ukraine, the Middle East, and Red Sea shipping routes. An emergency waiver for 2024 would, as before, address these supply, price, and volatility concerns.

GROWTH ENERGY'S ASK

Secure an emergency waiver to sell E15 through the 2024 summer driving season to ensure access to affordable fuel for consumers.

Enact legislation to permanently extend E15 summer sales (H.R. 1608 or S.785, Consumer and Fuel Retailer Choice Act of 2023; S.2707, Nationwide Consumer and Fuel Retailer Choice Act).

RVP CURVE SOURCE: "A Model for Estimating Vapor Pressures of Commingled Ethanol Fuels", October 29-November 1, 2007; General Motors Research and Development Center – Dr. Sam R. Reddy

BENEFITS OF HIGHER BIOFUEL BLENDS

- Beyond environmental benefits, nationwide adoption of E15 would **save consumers** \$20.6 billion in annual fuel costs, put an additional \$36.6 billion in **income into the pockets of American families**, and generate \$66.3 billion **for the U.S. GDP**.
- E15 and higher biofuel blends have lower evaporative emissions** than standard vehicle fuels.
- Higher biofuel blends are better for air quality, **reducing both greenhouse gas emissions** and other pollutants like carbon monoxide.
- Ethanol **reduces greenhouse gas emissions by 46%** compared to gasoline.
- If the United States transitioned from E10 to E15 nationwide, greenhouse gas emissions would fall by 17.62 million tons per year, the **equivalent of removing 3.85 million vehicles from the road**.

REGULATORY & LEGAL MILESTONES

- 1990** Congress imposes RVP limits but grants an RVP waiver for E10
- 2009** E15 waiver filed with EPA
- 2011** EPA approves E15 for 2001 and newer cars
- 2019** EPA extends the RVP waiver to include E15
- 2019** AFPM challenges EPA rule
- 2021** D.C. Circuit ruling reverses EPA's waiver extension for E15
- 2022-23** EPA allows year-round E15 on an emergency basis
- 2024** **RVP WAIVER NEEDED FOR SUMMER SALES OF E15**
- 2025** State opt-outs to take effect in eight Midwestern states.

