



Retail Sales Solutions

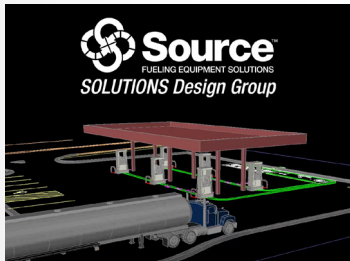
Forecourt Solutions for the Future of Fueling

Source North America's Retail Sales Solutions team is dedicated to helping station operators future-proof their forecourts.

We invite you to visit our [Retail Sales Solutions page](#) to browse a selection of products from Wayne Fueling Systems, Verifone, Red E, Square D and other leading equipment brands.

Don't Miss Our Special Promotions!

And be sure to visit our [Retail Sales Solutions Promotions page](#) to check for promotional offers.



Plan Your Fueling System with Source

The Source SOLUTIONS Design Group helps fuel site decision-makers and their project partners develop aboveground and underground fueling infrastructure plans:

- CAD drawings
- Specifications lists
- Compliance confirmation
- And more!

To request assistance, visit the [SOLUTIONS Design Group webpage](#).



1. **The “e” in e-fuel is associated with electricity, but it is NOT an energy form suitable for electric vehicles (EVs).**

Rather, e-fuels are synthetically produced alternatives to fossil fuels that are compatible with today's internal combustion engines (ICEs). The “e” in e-fuel is a reference to the electricity needed to produce them. Unfortunately, this confusing nomenclature will likely contribute to unnecessary complexity.

2. **E-fuels are not zero-emission fuels, but their utilization could lower emissions overall.**

To create e-fuels, the chemical molecules that make up hydrocarbon fossil fuels are created synthetically through a combination of carbon capture, electrolysis and synthesis. Although e-fuels release tailpipe emissions when they are used in ICEs, they are considered CO₂-neutral over their lifecycle because carbon dioxide is removed from the environment during production.

3. **E-fuels pose several benefits to the environment, the fueling industry and consumers.**

Because e-fuels can be used in ICEs or blended with existing petroleum products, they could accelerate decarbonization more rapidly than the transition to EVs. Additionally, they are compatible with existing fueling infrastructure. E-fuels also have a high energy density which is necessary for certain transportation applications such as aviation, rail and marine. Finally, e-fuels also sidestep an EV-related supply chain concern: sourcing and processing the raw materials needed to produce EV batteries.

4. **E-fuel developers will need to overcome a few barriers before widespread expansion is possible.**

The International Council on Clean Transportation estimated that e-fuels produced at a commercial scale would cost more than \$25 a gallon. Additionally, renewable electricity, which is necessary for production of e-fuels, would also need to be scaled up, and the fuels would need to be produced efficiently.

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EV Corner: Updates and Developments

- Seven [automakers plan to establish a high-power charging network](#) across North America.

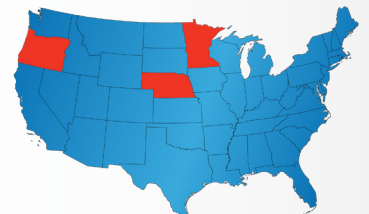
- [Stellantis launched an EV charging business unit](#) that will provide an ecosystem of charging stations.



- Toyota announced a breakthrough that it says will lead to a [solid-state battery that provides a range of up to 745 miles](#).

- Electrify America and Lyft will provide [discounted DC fast-charging to Lyft EV drivers](#).

- Tesla and Ford forged an agreement that will allow [Ford EV drivers to use Tesla's network](#) of 12,000 fast chargers.

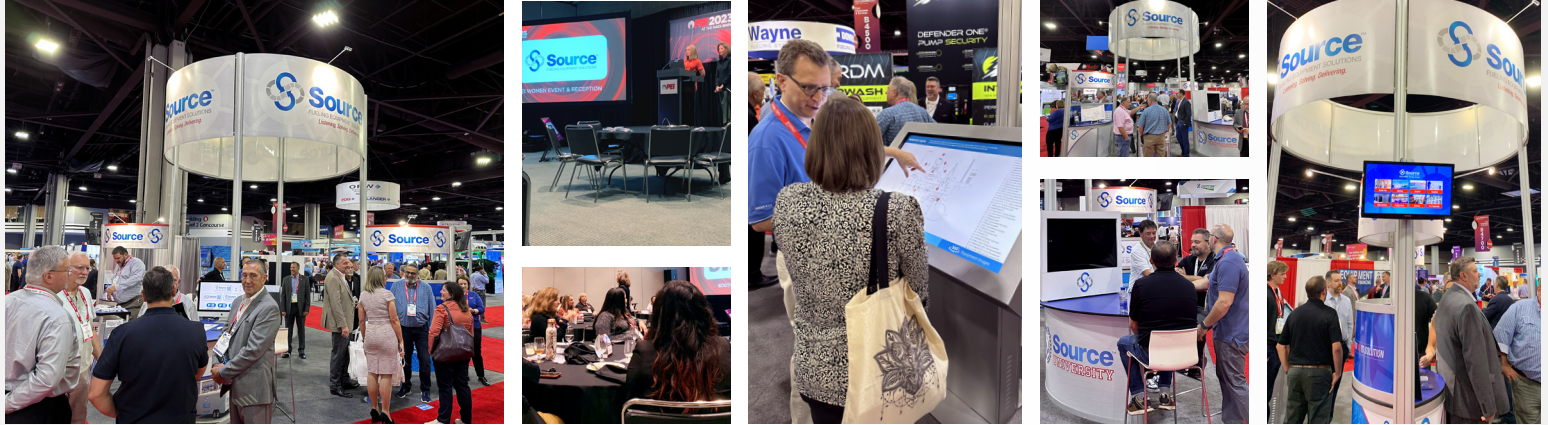


States Announce Fueling Changes

[Oregon](#) approved self-service fueling, but it will require some pumps to remain full-service.

[Nebraska](#) passed a bill mandating that gas stations offer fuel with up to 15% ethanol.

[Minnesota](#) is preparing a Clean Transportation Standard (CTS) that will require the aggregate carbon intensity of transportation fuel supplied to Minnesota be reduced by 100% by the end of 2050.



PEI Convention Wrap-Up: Highlights from the Source Booth

The PEI Convention at the NACS Show in Atlanta this year was a resounding success! Thank you to everyone who visited the Source booth (#4541). We are also very proud to have been able to sponsor The PEI Women workshop and reception! We look forward to seeing everyone at next year's show Oct. 7-10 in Las Vegas!



Source University: Where Comfort and Education Converge

As scorching temperatures swept across the nation this summer, air conditioning units were put to the test. Amid this sweltering heat wave, Source University emerged as an oasis of cool comfort and education.

Our facility played host to a multitude of training programs, including a session by Dover Fueling Solutions, who took advantage of the facility's classroom amenities and exhibit of fueling system equipment.

To inquire about setting up an event at the training center or to take a 360° tour of the training facility's classroom amenities, please visit our [Source University webpage](#).



Ace Tank & Fueling Equipment is celebrating over 80 years of providing "Innovative Solutions ... Extraordinary Results."

Ace Tank's proprietary FuelSafe Systems are designed to be turnkey fuel storage and handling systems.

Other achievements at Ace Tank include launching a free online Tank Chart Generator. [Check it out!](#)

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5. The political climate for e-fuels is challenging, but not hopeless.

Globally, EV charging has received tremendous government support. Additionally, a trend to ban ICEs began in Europe and it spread to other areas of the world, including California. That notwithstanding, the European Union backed down on its ICE ban, allowing ICE vehicles to still be sold after 2035 if they are powered by net-zero fuels.

Learn more in [this article](#) from Reuters.