

SourceLine News & Insights

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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 www.sourcena. com/retail-sales-solutions/ to browse a selection of products from Wayne Fueling Systems, Verifone, Red E, Square D and other leading equipment brands.



Create a Free Tank Chart Today

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!



EV TRANSITION:

Looking Under the Hood for Automakers' Real Intentions



To what extent automakers plan to devote resources to EV manufacturing and battery development is a strong indicator of what the pace of the EV transition will look like. That notwithstanding, it might only be part of the story, as the imminent death of the internal combustion engine (ICE) has been greatly exaggerated.

Many automakers have announced plans in Europe or the U.S. to begin solely manufacturing EVs in 10 to 25 years, and most of those who haven't identified a completion date for fleet conversion are indicating a ramp-up in production:

- · Ford announced it will increase production, with intentions of producing 600,000 electric truck, van and SUVs annually by 2023 and more than 2 million by 2026
- GM has pledged to make only zero emission vehicles (ZEVs) by
- Hyundai wants to introduce 17 new battery electric vehicle (BEV) models by 2030 and announced it will build its first dedicated plant for manufacturing EVs in the U.S.
- Nissan, part of the Nissan-Renault-Mitsubishi Alliance, plans to roll out 35 EVs by 2030
- Stellantis, the parent company of brands including Chrysler, Dodge Ram and Fiat, indicates that 100% of sales in Europe and 50% of sales in the U.S. will be BEVs by 2030
- · Toyota is pursuing a more diverse portfolio, moving forward with plans to offer an array of hybrids, plug-ins, all-EV models and hydrogen electric vehicles, with no firm timetable announced at
- Volkswagen wants 55% of its cars to run on electricity and add 25 new EV models to customers in the U.S., Mexico and Canada by 2030

Interestingly, the internal combustion engine may be the dark horse in the race, as a Fuels Institute literature review points to its staying power and continued dominance for the next decade.

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Volvo to Test Hydrogen Trucks

Volvo Trucks will begin testing hydrogen-powered fuel cell electric trucks in Europe in 2025, according to Fleet News Daily.

Volvo will test the trucks in a demanding, harsh climate and require them to pull loads up to 65 tons. The goal of the tests is to evaluate the truck's working components, handling and driver experience.



Tech Support in the Palm of Your Hands

Franklin Electric has introduced FFS PRO® Sightline™, a free virtual on-site support service that connects certified technicians with Franklin Electric's technical support team.

The service uses real-time video, augmented reality and on-screen support prompts to help technicians solve problems in the field.

Fuels Institute

New Report Evaluates **EV Charging Policies**

The Fuels Institute released the new report, "A Best Practice Guide for **EVSE Regulations.**"

Most states and localities lack policies regarding public EV charging. The report identifies policies that support the efficient installation of electric vehicle charging stations. It also identifies policies that impeded efficient installations. Download the report here.









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Looking Back on Source University's Most Successful Year Ever

The Source University training center was busier than ever this year, with numerous companies and agencies taking advantage of the facility's fueling system exhibit and meeting room.

Visitors ranged from major oil firms to contractors to regulators, and from small groups with just a handful of people to groups coming in by the busloads for multi-day events. We are proud to have helped make so many people become more knowledgeable about fueling system equipment than ever before!

The Source University training facility opened in Arlington, TX, in 2019. Since then, the fueling system exhibit has expanded the amount of equipment on display, which includes configurations for typical U.S. requirements as well as California requirements. Source is continuing to add to the exhibit, with the next round of additions including aboveground storage tanks and tank truck displays.

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 www.sourcena.com/source-university-training-center/.



Watch Our New Video!

What's it like to visit the Source University training center?

Watch this <u>customer testimonial</u> video to find out.

Cover Story Continued from Page 1

The report titled "Future Capabilities of Combustion Engines and Liquid Fuels" suggests that ICEs will continue to play a significant role through at least 2035. According to the report, ICE design improvements in pursuit of a lower carbon footprint continues to be the subject of recent research efforts. This indicates that automakers aren't giving up on the ICE just yet, though no major vehicle manufacturer has decided to invest solely and focus all R&D in internal combustion engines.

Editor's note: Sadly, the EV transition will likely mean the end of the stick shift.



New Webpage Summarizes EV Funding Incentives

The march toward an expanded EV charging network is accelerating. with many funding incentives already available and more on the way. To help businesses gauge their state's EV funding availability, Source has launched an online EV Education Center.

States continue to steadily introduce funding opportunities. As we learn about new incentives, we will add them to the webpage. Therefore, we encourage you to reference the EV Education Center, which can be accessed through our Retail Sales Solutions webpage.

To learn more about how Source can help you with your EV charging project, please contact the Retail Sales Solutions Team or your Source representative today.

A to Z on EV

AC: Alternating Current

ADA: Americans with Disability Act

AER: All Electric Range

BEV: Battery Electric Vehicle

DC: Direct Current

DCFC: Direct Current Fast Charging

ERIG: Emissions Reduction Incentive Grants

EREV: Extended Range Electric Vehicle

EV: Electric Vehicle

EVCS: Electric Vehicle Charging Station

EVSE: Electric Vehicle Supply Equipment

EVSP: Electric Vehicle Service Provider

FCEV: Fuel Cell Electric Vehicle

HEV: Hybrid Electric Vehicle

ICE: Internal Combustion Engine

IIJA: Infrastructure Investment and Jobs Act

kWh: Killowatt-hour



L2: Level 2 Charging

L3: Level 3 Charging (Same as DC charging)

MPGe: Miles per Gallon Gasoline Equivalent

MPO: Metropolitan Planning Organizations

PEV: Pure Electric Vehicle

PHEV: Plug-in Hybrid Electric Vehicle

PSC: Public Service Commission

PUC: Public Utility Commissions

RPH: Range Per Hour

VIO: Vehicles In Operation

ZEV: Zero Emission Vehicle







