OFCHC THE OHIO FUEL CELL & HYDROGEN COALITION

Our Commercial Members Are Creating Success In The Fuel Cell And Hydrogen Space

LARGE SIZE AND/OR WELL-ESTABLISHED FIRMS:

HONDA	American Honda Motor Co., Inc. – Honda was one of the first mobility companies to recognize the potential of hydrogen and has been conducting research and development of fuel cell technologies for more than 30 years. During that time, the company has marketed multiple fuel cell electric vehicle (FCEV) models to retail customers. Honda's hydrogen fuel cell business is currently focused on developing opportunities within four key domains: FCEVs; Commercial Trucking; Construction Equipment; and Stationary Power Generation. Honda now produces an FCEV version of the popular Honda CR-V at the Performance Manufacturing Center in Marysville, Ohio and has announced that it will begin marketing Honda Fuel Cell Generators in 2026. They operate a private hydrogen fueling station on their Marysville campus.
plug™	Plug Power provides hydrogen powered fuel cells for fork trucks that operate in warehouses operated by several large and well-known distribution and big-box firms. They operate training and maintenance facilities for those systems in Dayton Ohio. Plug is also one of the world's largest producers of hydrogen and electrolyzer, producing and transporting from numerous plants around the world.
NUVERA®	Nuvera, a brand of Hyster-Yale Materials Handling, Inc, is a pioneer in the fuel cell and hydrogen space, developing innovative technologies around clean mobility since 2000. Recently, the brand introduced its HydroCharge™ product, a mobile power solution for charging electric vehicle fleets, industrial machines, port equipment, and more. HydroCharge also serves as a genset, using hydrogen as an energy source.
DLZ ARCHITECTURE • ENGINEERING • PLANNING SURVEYING • CONSTRUCTION SERVICES	DLZ Corporation – DLZ is a civil engineering firm that is over 100 years old, operating near Worthington, Ohio. They operate a hydrogen fueling station at their facility that fuels a fleet of fuel cell cars that they use for local services. They have designed and built hydrogen fueling operations for customers in Indiana and Costa Rica.
SARTA	Stark Area Regional Transit Authority – SARTA operates a bus transit fleet that transports customers in the Canton, Ohio area. The fleet includes 20-some buses that operate on fuel cells powered by hydrogen. SARTA operates a hydrogen fueling station to serve those buses and occasional hydrogen powered cars in the area. The station is owned and filled with liquid hydrogen roughly twice-weekly by Air Products, but there are plans to make the hydrogen locally.

	B&W has been a stalwart of American business and technology for over 150 years. They have designed and will soon build a pilot plant in Massillon Ohio that will produce green hydrogen using a novel chemical looping process. After successfully demonstrating the pilot, they expect to numerous production plants using this process.
	RedHawk - RedHawk is a value-added manufacturing subsidiary of the Arthur N. Ulrich Company founded in the early 1980s to tackle the critical prime and backup challenges of various markets including oil & gas utilities, telecom and rail transportation, among others. They design and deploy advanced and alternative energy systems to numerous customers in the USA and Canada. Today RedHawk is a leader in the deployment of low-wattage Solid Oxide Fuel Cells (250W-1.25kW) that are powered by propane or natural gas.
	CSA Group – CSA Group – CSA Group is an accredited standards development organization operating in the U.S. and Canada. Among its many focus areas, CSA Group develops standards for the hydrogen industry, including standards for hydrogen production and distribution, non-vehicle fuel cells, hydrogen vehicle fueling infrastructure (e.g., stations and dispensing equipment), and onboard vehicle fuel system components.
	Godfrey & Wing – Established in 1948, Godfrey and Wing pioneered a process and related materials for vacuum impregnation of castings with sealant. That process has been extended and has proven useful for impregnating graphite electrodes for fuel cells and electrolyzers. They operate several plants around the world, driving the business from the plant and headquarters in Aurora, Ohio.
	OMAL SpA (and OMAL USA) – OMAL is based in Italy, designing and manufacturing precision valves and actuators for controlling fluids in applications worldwide. Their product line includes valves and actuators that are specifically suited for hydrogen applications. OMAL USA is based in the Cincinnati area, and assists customers in the USA with the application of OMAL products and technology.
	Schaeffler Technologies AG (and Schaeffler Group USA Inc.) – Schaeffler, founded in 1946, is a German manufacturer of rolling element bearings for automotive, aerospace and industrial uses, including the FAG brand. Schaeffler USA is based in Strongsville, Ohio. Their mobility product line includes solutions that use fuel cells.

ONE-TIME STARTUPS, NOW WELL-ESTABLISHED:

	Millennium Reign Energy – Millennium Reign designs, manufactures, and distributes safe and efficient electrolyzer-based hydrogen generators, fueling appliances, and infrastructure for home and business. These are manufactured in their Dayton, OH facility and have been installed around the world.

	Nexceris – Nexceris (originally NexTech Materials) is the premier solution provider for startups, delivering custom electrochemical and catalyst solutions that bridge the gap from lab to launch. With over 30 years of experience launching breakthrough products, Nexceris empowers startups by delivering tailored electrochemical and catalyst solutions - with flexibility, speed, and true partnership - that fuel their journey from innovation to commercial success.
	Greentree Consulting – Greentree Consulting LLC, Lebanon OH, was founded in 2012 by Patrick Fullenkamp, a mechanical engineer who had a long career supporting manufacturing systems for Delphi and global automotive customers. Greentree provides consulting services for energy supply chain and manufacturing projects. Greentree worked with the U.S. Dept. of Energy, state economic development organizations and others to assess U.S. and global manufacturers competitiveness for hydrogen and fuel cell components.
	Marketing Works – Marketing Works is a Columbus-based B2B marketing communications firm specializing in aligning marketing and sales to drive revenue for complex industries. Their team partners as an extension of your business—bringing strategic thinking, smart marketing execution, and the flexibility to augment in-house efforts or fully manage your marketing initiatives. With core expertise in Go-to-Market planning, content marketing and messaging, and inbound/outbound campaigns, they work across sectors including manufacturing, professional services, and technology—making them well-suited to support organizations involved in advanced energy and hydrogen fuel-cell technologies (including providing services to current OFCHC members).
	Moran Innovation LLC – Hydrogen advisory and consulting services for global customers in aerospace, defense, energy, industrial, marine, and transportation sectors. Developer of H2 Sage™ providing online resources and tools based on more than 40 years of gaseous, slush, and liquid hydrogen technologies and operational systems development by Matt Moran.
	Special Power Sources, LLC – SPS has a manufacturing facility in Alliance Ohio. Some years ago, SPS acquired all Atrex Energy assets including equipment, Intellectual property, licensing rights, and associated technical data related to the development, manufacture, and field support of Solid Oxide Fuel Cell power sources. Today they are a recognized leader in providing remote power solutions for challenging environments including harsh operating conditions and/or remote locations.
	Ridge Creek Global – Ridge Creek is a boutique investment firm in Strongsville, Ohio, that provides tailored investment strategies for institutions and high net worth families. One of the main strategies they employ is an energy transition strategy that focuses on companies that are involved in batteries, wind, solar, and hydrogen solutions.

RECENT (<10 YEARS) STARTUPS, ON THEIR WAY TO SUCCESS:

NEOEx Systems	NEOEx Systems LLC – NEOEx was founded in 2015 by Mark Haberbusch. They are based in Lorain County, Ohio, and have satellite operations in Springfield and Youngstown, Ohio. They are deploying drones for a variety of service applications that run on liquid hydrogen as a fuel, enabling mission times that are multiples of any other drone technology. NEOEx provides and flies the drones, and provides the fueling systems.
PETRA POWER	Petra Power, LLC – Petra Power was founded nearly 10 years ago by partners Aaron Goodman and Phillip Clift, with a mission to commercialize a novel extremely efficient solid oxide fuel cell technology developed at Nasa. They have attracted significant funding and contracts, and have filled 15,000 sq. ft. facility in Solon Ohio to capacity, and are currently looking for more space.
pH Matter LLC	pH Matter – pH Matter was founded over 10 years ago by Paul Matter (who worked at NexTech/Nexceris) and partner Chris Holt, to provide catalysts and materials for electrolysis and fuel cell systems.
POWER to HYDROGEN	Power to Hydrogen (P2H2) Inc – P2H2 was spun out from pH Matter in 2019 to deploy anion exchange membrane electrolyzer systems for hydrogen production and energy storage. P2H2 has attracted significant funding and customers, and occupies a large building in Columbus, Ohio, and is currently deploying a satellite facility in Belgium.
ALCHEMITY	Alchemity LLC – Alchemity is a Clean Technology start-up, aimed at commercializing intellectual property licensed from the University of Maryland and the University of Florida. The commercial focus is on production of sustainable aircraft fuel (SAF) and clean diesel fuel from farm and municipal waste streams. Alchemity is a proud member of the OFCHC because of the access that the organization provides to potential supply chain participants and key thought leaders in the fuel cell and hydrogen area. So far, OFCHC has provided key introductions to potential fabricators and to Ohio entrepreneurial services. In addition, the annual OFCHC symposium provides opportunities to interact with potential partners.
STANDARD H_2	Standard H_2 Inc. – Standard H_2 stems from research begun in 2007 by James Wasas focused on CO_2 avoidance and hydrogen purification. The company's patented SULFUR MAGNET® sorbent removes H_2S and other noxious chemicals from hydrogen, air, natural gas, water, and more for sulfur below 200 ppt to protect fuel cells, other energy systems, and instruments. Additional patents cover elimination of NOx (without ammonia or urea), PFAS, and noxious odors, with long-lasting antimicrobial applications in development to kill pathogens without volatile chemicals or electricity. Based in Ravenna, Ohio, the Standard H_2 team is growing rapidly.