



DECARBONIZATION



EMCOR Services

Shambaugh

# Helping You Promote Efficiency and Sustainability Throughout Your Facilities



## OUR FULL SUITE OF DECARBONIZATION SOLUTIONS INCLUDES:

Design, construction, and maintenance of energy systems and equipment

Mechanical and HVAC system retrofits employing energy efficient technologies and equipment

Building automation system implementation

Energy audits

Water system conservation and retrofits

Lighting retrofits

Occupied space retrofits

Building envelope services

Critical equipment monitoring

Construction and maintenance of renewable energy systems, including solar, photovoltaic, geothermal, wind, and others

Installation of electric vehicle charging stations

## CONTACT US TODAY.

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[esshambaugh.com](http://esshambaugh.com)

Now more than ever, it is important for organizations to establish sustainable goals, including working to reduce the carbon footprint of their buildings and operations or what is sometimes called “decarbonization.”

**EMCOR Services Shambaugh (ESS) offers a number of decarbonization solutions that can help minimize the environmental impact of HVAC equipment and improve efficiency—without sacrificing performance.**

### Decarbonization For All Your Building Systems

*Decarbonization is a term used in many ways, but typically is a holistic strategy to reduce GHG emissions, ideally to NetZero. Related to buildings, it includes efforts to reduce energy use, eliminate on-site consumption of fossil fuels, and the utilization of clean power.*

We typically begin our decarbonization efforts by focusing on reducing the carbon emissions intensity of a building’s HVAC equipment. However, our decarbonization solutions extend far beyond mechanical systems to encompass lighting and energy systems, building automation, and other state-of-the-art sustainable technologies.

Many of these solutions not only help promote sustainability, but also have the added benefit of improving overall building efficiency and lowering utility costs.

### Helping You Access Funding and Incentives

An increasing number of federal funding opportunities, tax incentives, rebates, and other financing programs are becoming available for decarbonization efforts. These programs can help cover capital expenses for a variety of mechanical, electrical, and building efficiency projects, and many allow you to finance improvements without any upfront capital.

We’ll help identify what funding sources are applicable to you and even help guide you through the paperwork. Our team is familiar with a wide range of programs from both government agencies and utility providers. They’re ready to help you find the perfect option for your facility, industry, location, and application.

**We are committed and prepared to help our customers reduce carbon emissions. Contact us today to learn how.**

*Building decarbonization is an increasingly important part of global sustainability efforts in a variety of industries. In fact, the worldwide building sector accounts for roughly 40-percent of energy-related carbon emissions, and the global building stock is predicted to double by 2060.*

—ASHRAE Position Document on Building Decarbonization, June 2022