

STEVENS Engineers & Constructors Provide Renewable Energy Construction Services

October 06, 2022

Middleburg Heights, Ohio - October 06, 2022 -
STEVENS Engineers & Constructors, a company based in Middleburg Heights, OH, is pleased to announce that they provide renewable energy construction services. As the US focuses more on renewable energy technology, STEVENS Renewable Energy Construction Company is ready to offer their extensive construction services in the renewable energy construction industry. To be able to provide the services, they have merged their engineering, technical, management, and construction expertise to handle renewable energy development (RED) projects.

Vicki Anderson, CEO of STEVENS Engineers & Constructors, says, "There is a heavy reliance on fossil fuels, such as coal and natural gas, to power vehicles and heat homes. If there is going to be a decrease in carbon footprints across the nation, the need for renewable energy projects is essential. We are working to be a leader in the renewable energy industry. Our focus is on projects that include wind, like offshore wind farms, solar farms, hydrogen fuel cells, and battery storage. We are committed to developing projects ourselves and partnering with other developers."

Some of the renewable energy projects they can help with include: wind energy, solar energy, and hydrogen power cells. Wind energy offers the most affordable choice among the other energy systems. Wind energy is the least costly form of energy compared to natural gas, coal, hydroelectricity, nuclear, biomass, and solar photovoltaics. Wind energy offers the benefits of a reduction in greenhouse gas emissions. Meanwhile, a solar farm or a photovoltaic power station is a vast area filled with solar panels that convert the sun's energy into electricity. STEVENS has experience in the construction and servicing of solar farms. They can also help with hydrogen power systems that offer scalability and mobility. These use fuel cells that use electricity to split water molecules into hydrogen and oxygen gas, which are then utilized for producing energy. This process has the benefit of not creating any emissions and is efficient, clean, and sustainable.

STEVENS also wants to focus on battery storage as one of the alternative energy sources. Battery storage is essential for solar-powered machines and clean energy generation since they offer a way to store the energy that is produced. At STEVENS, they have set as their goal to become an energy storage contractor that leads the way in providing renewable energy to help decrease dependence on non-renewable fuel sources.

Vicki Anderson says, "The construction industry is making great leaps toward greener technologies, but if we want to push these renewable energy sources to be commonly used by energy providers, the work has to start now. With decades of combined experience serving clients of all types and sizes, our crews have the knowledge and skills needed to meet the demands of renewable energy-sector projects. If you're looking for a construction company to help with renewable energy sources like solar power, wind turbines, and even hydrogen modular plants, we offer you one of the best alternatives."

STEVENS Engineers & Constructors has over 75 years of experience in offering high-quality construction services, which they bring to renewable energy development projects. STEVENS' focus is to make renewable energy the present and not the future. "To bring renewable energy to the forefront, the work has to start now," STEVENS states. "We have the expertise and knowledge to ensure that these projects are done correctly to meet the rising demand for renewable energy."

Those interested in renewable energy construction services can visit the STEVENS Engineers & Constructors website or contact them via phone or email.

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For more information about STEVENS Engineers & Constructors, contact the company here:STEVENS Engineers & ConstructorsVicki Anderson(440) 234-7888info@stevensec.com7850 Freeway Circle, Suite 100Middleburg Hts, OH 44130

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won't happen overnight. The move away from some of the major energy sources that are being used today will take a lot of work. And that's why construction companies like us are critical for this clean energy transition and the use of fossil fuel alternatives for the entire energy industry. Explore STEVENS' RENEWABLE Energy Solutions We are working to be a leader in the renewable energy industry. Our focus is on projects that include wind, like offshore wind farms, solar farms, hydrogen, fuel cells, and battery storage. We are committed to developing projects ourselves and partnering with other developers. Let's look at some of the renewable energy projects we can help you create. Wind Energy In 2016, global installed capacity reached 278 gigawatts (GW), up from about 50 GW in 2000. In 2020 the United States offshore wind energy pipeline increased by 24%. The growth of wind energy is rapid as turbines get bigger and projects continue to be developed. Wind energy is the most economical choice when compared to other energy systems. Out of coal, natural gas, nuclear, hydroelectricity, solar photovoltaics, and biomass, wind energy is the cheapest form of energy. There are many benefits associated with wind energy, including: ? Lowering greenhouse gas emissions ? Reducing dependence on foreign oil imports Our subsidiary, CDMG, has considerable experience in this industry with its involvement in the Port of Albany offshore wind turbine manufacturing facility. Another part of our company, Chemsteel, has installed foundations for a large wind farm project in West Virginia. Solar Energy A photovoltaic power station, also known as a solar farm, is a large area with solar panels that turn the sun's energy into electricity. Solar farms can help decrease the use of electricity from fossil fuel sources. We have experience in constructing and servicing renewable energy projects like solar farms that help America move forward. Hydrogen Power Cell Fuel cells are an emerging option in the energy market. They use electricity to split water into oxygen and hydrogen gas, which are used to produce energy. This process produces no emissions and is clean, efficient, and sustainable. But there are some challenges to overcome before fuel cell technology can become mainstream. Hydrogen needs to be produced efficiently and safely, stored securely, transported easily, and consumed reliably. And it must be affordable, durable, and easy to maintain. The hydrogen power systems are designed for mobility and scalability. They are compact, lightweight, modular, and flexible. They can be installed quickly and efficiently and can be scaled up and down depending on site requirements. And while the production of solar, wind, and hydrogen has been the focus of reducing carbon emissions, one of the most overlooked aspects of clean energy is storage. Why Is Battery Storage Important? One of the often forgotten or overlooked aspects of alternative energy sources is battery storage. Solar-powered machines and clean energy generation is useless if you don't have a way to store the energy they produce. Having reliable energy storage can help these renewable forms of energy be available for use. These battery storage energy systems can be charged by the electricity from a clean energy source like wind power or solar panels. At STEVENS, our goal is to be the energy storage contractor that is leading the way in bringing renewable energy to businesses and homes to help reduce the use of non-renewable fuel sources. Keep ready to see why choosing us as your renewable energy construction company is the best choice. Let's Make Renewable Energy Construction The Present, Not The Future The construction industry is making great leaps toward greener technologies, but if we want to push these renewable energy sources to be commonly used by energy providers, the work has to start now. With decades of combined experience serving clients of all types and sizes, our union crews have the

knowledge and skills needed to meet the demands of renewable energy-sector projects. If you're looking for a construction company to help with renewable energy sources like solar power, wind turbines, and even hydrogen modular plants, STEVENS is your best choice. Choose the best construction company in the renewable energy industry, and get started on your project today! ",

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STEVENS Engineers & Constructors

STEVENS Engineers and Constructors provides complete industrial construction services from our office in Middleburg Heights, Oh near Cleveland. We offer high-quality design, build, and management services to industrial customers across the United States.

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