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McClure Company

The annual listing of 10 companies that are at the forefront of tackling customer challenges

McClure Company

The Cost-Effective Route to Energy Service Innovation

'Green' or energy-efficient buildings are the first step toward smart cities. Such facilities offer some of the most effective means to achieving a range of global goals, such as addressing climate change, creating sustainable and thriving communities, and driving economic growth. And considering the 2019 Energy Information Administration (EIA) that showed how traditional buildings account for nearly four-tenths of U.S. energy consumption through a wide variety of electricity usage, it is no wonder that many cities are now promoting energy service innovations of their public facilities.

However, the road to green buildings remains a long and patchy one. One of the main reasons behind this is the lack of project capital needed to retrofit or install an energy-efficient solution. It pushes public organizations and tax-based entities to piecemeal their projects depending on fund availability. As a result, the move toward developing a green building soon becomes a complicated effort. Enter McClure Company. One of the largest and multi-faceted mechanical construction, engineering, maintenance, and energy service companies based out of Pennsylvania, McClure Company helps public, government, and private entities effortlessly improve their facilities' existing energy infrastructure with an integrated approach. "We focus on repurposing the existing energy infrastructures or replacing it with more efficient solutions if needed, and then use the energy efficiency gains to pay for projects," states Shayne Homan, the vice president of McClure Company's energy services division.

McClure Company banks on its years of experience in mechanical construction, infrastructure, and renewable energy, to offer holistic energy services. The company's in-house team of mechanical, electrical, and energy engineers diligently analyzes the existing systems of a facility and identifies the needs of retrofitting, upgrading to high-performance new construction, or even the possibility of implementing renewable energy projects. Only then, McClure Company proceeds to the design phase of the energy savings program and offers creative funding options to the client. This not only enables the clients to overcome their budget constraints but also reduces the out-of-pocket costs and financial risk. What's more? McClure Company employs its own mechanical construction team to help its clients save the budget they would have kept aside for third-party contractors. Homan highlights, "In short, we have all the necessary capabilities under one roof to assist our clients reduce the energy services project cost."

To substantiate his claim, Homan shares a case study wherein McClure Company partnered with a local school district. Before contacting McClure Company, the client was working with a consulting architecture and engineering firm to identify infrastructure needs throughout all district-owned facilities. The initial budget estimation indicated the total project cost to be approximately $50 million as the most basic approach. The District was not prepared to spend that amount of money, so they began searching for alternative options and turned to the McClure Team for a different approach and financial possibilities. McClure Company's initial assessment revealed that retrofitting much of the existing infrastructures would significantly reduce the project first cost


Shayne Homan

investment and produce measurable and verifiable energy and operational savings for another 20-30 years. Therefore, McClure Company helped the client incorporate only the necessary components that could add extra value.

With many similar success stories across both the private and public sectors, McClure Company is now poised to grow its operations more organically. The company is currently implementing various solar photovoltaic projects through customized Private Public Partnership (P3) arrangements to enhance its renewable energy sector capabilities.

McClure Company is also highly regarded for its ability to conceptualize, design, and construct central utility plants.

Most recently, they completed another turnkey central heating plant that utilizes renewable wood chips as the heating source, commonly referred to as biomass.

These proactive initiatives are expected to propel McClure Company further ahead in its mission of creating cost-effective energy-efficient facilities. "And through these efforts, we are determined to make a positive impact on the environment and promote energy efficiency wherever applicable," concludes Homan.