

Power to the Pump



Pumps are involved in nearly every aspect of modern living, and have always been an integral part of water and wastewater management. If a pump or lift station fails, it is no small matter. The world depends on them, yet pumps often receive negative attention for leaving behind a significant carbon footprint.

In the meantime, utilities are feeling the squeeze to keep energy consumption and costs low—this, in most cases, begins with their pumping systems. The energy required for supplying and treating local water and wastewater represents a major burden for many communities. One of the most important methods of cutting these costs is to optimize pump system performance, which can represent up to 20% of the energy needed to operate a treatment facility, according to industry experts. Therefore, pump selection and maintenance is critical when it comes to meeting energy consumption goals and keeping costs down.

Pump Source is here to help. This issue features ways to keep your pumping system running as efficiently and effectively as possible, utilizing some of the latest pumping technologies. It also covers effective remote monitoring—a must for maximizing pump performance.

We maintain our own health with regular checkups at the doctor and the dentist. Proper upkeep of pumps, pump stations and systems is no different. They require the same preventive care and maintenance so that their investments yield the most benefits possible. Maintenance and monitoring provides a snapshot of the pump system's performance, saving end-users money and reducing environmental impact. After all, knowledge is power.

It is critical, therefore, to note that maintenance should not be a one-time event. An effective monitoring system and regular health checks will provide accurate, valuable insight into how a pump system is performing. Recognize the importance of these systems, and you will be doing a world of good for your water and wastewater management efforts—and, ultimately, for the community you serve.

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PUMP SOURCE

a guide for pump users

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