



Energy Advantage Program

Realize your plant's energy savings potential from flow loop optimization

Flowserve's Energy Advantage Program is proven to help reduce energy consumption, emissions, and operating costs across plants with flow loops. Partnering closely with plant operations, we conduct a comprehensive analysis of existing flow loops, create tailored energy-saving recommendations, and implement solutions to optimize system performance — leveraging decades of engineering expertise across flow control equipment, regardless of age or origin.

Our Proven 3-Step Approach



Real Results

We are already delivering significant results – and the story of our partnership with Heide Refinery is a powerful example.

Here's what we accomplished together:

- 2,000 megawatt-hours (MWh) **reduction in annual power consumption**
- 1,300+ metric tons in **carbon emission savings annually**
- **Optimized performance** of their largest energy-consuming flow loops without disrupting existing operations
- **Delivered tailored solutions** aligned with both reliability and sustainability goals



Why Flowserve's Energy Advantage Program

200+ Years of Flow Control Expertise

Benefit from Flowserve's legacy of engineering expertise and global experience optimizing flow control systems in the world's most demanding environments.

Proven Results

Our customers regularly achieve 20 - 30% energy savings, improved reliability, and a quick ROI without operational disruption.

Solutions Tailored to Your Process

We deliver custom, system-level recommendations based on real plant data — regardless of the equipment brands in place.

Comprehensive End-to-End Support

From assessment to implementation to active monitoring, we provide full-service partnership aligned to your plant operations and savings goals.

Estimate Your Plant's Savings

[Try our calculator](#) to see your potential energy and cost savings through the Energy Advantage Program



Flowserve Corporation
5215 North O'Connor Blvd.
Suite 700
Irving, Texas 75039-5421 USA
Telephone: +1 937 890 5839

flowserve.com

COFLY000513-01 (EN/LTR) September 2025

Flowserve Corporation has established industry leadership in the design and manufacture of its products. When properly selected, this Flowserve product is designed to perform its intended function safely during its useful life. However, the purchaser or user of Flowserve products should be aware that Flowserve products might be used in numerous applications under a wide variety of industrial service conditions. Although Flowserve can provide general guidelines, it cannot provide specific data and warnings for all possible applications. The purchaser/user must therefore assume the ultimate responsibility for the proper sizing and selection, installation, operation, and maintenance of Flowserve products. The purchaser/user should read and understand the Installation Instructions included with the product, and train its employees and contractors in the safe use of Flowserve products in connection with the specific application.

While the information and specifications contained in this literature are believed to be accurate, they are supplied for informative purposes only and should not be considered certified or as a guarantee of satisfactory results by reliance thereon. Nothing contained herein is to be construed as a warranty or guarantee, express or implied, regarding any matter with respect to this product. Because Flowserve is continually improving and upgrading its product design, the specifications, dimensions and information contained herein are subject to change without notice. Should any question arise concerning these provisions, the purchaser/user should contact Flowserve Corporation at any one of its worldwide operations or offices.

©2025 Flowserve Corporation. All rights reserved. This document contains registered and unregistered trademarks of Flowserve Corporation. Other company, product, or service names may be trademarks or service marks of their respective companies.