



Energy Advantage Program

Energy companies are facing increasing demands to define the implications of energy transition for their operations and business models, and to outline plans to reduce greenhouse gas (GHG) emissions to achieve the goals of the Paris Agreement.

Prevalent challenges

- Increasing pressure to decarbonize & become more environmentally friendly
- Business model and margins under pressure driving a need for improved efficiency and reliability from existing operations
- Return on invested capital (ROIC) becoming increasingly important; Capex/asset ownership under continuous scrutiny

Need of the hour

- Identifying opportunities within existing plants and processes for immediate sustainability impact
- Implementing value added solutions that deliver higher system safety, reliability and production certainty
- Collaborating with experienced partners with the know-how and expertise to meet carbon reduction and operational cost challenges



The Energy Advantage program is a holistic flow control approach aimed at helping operators reach their carbon reduction goals and lower total cost of ownership.

It provides customers with Flowserve engineering expertise, a systematic data-driven evaluation process and a complete offering of products and services that can increase energy efficiency through optimization of pump and valve power consumption, reduce carbon emissions, improve plant productivity and reliability and provide operational savings.



Efficiency Advantage

Optimizing asset power consumption is an increasingly important consideration towards achievement of energy transition goals. The Efficiency Advantage Program offers a suite of solutions focused on enabling significant efficiency gains from optimizing pump and valve energy consumption and leveraging power recovery turbines for converting energy that would otherwise go to waste into useful work.



Carbon Advantage

Reducing hydrocarbon fugitive emissions represents one of the most significant GHG reduction opportunities for the energy industry. The Carbon Advantage Program offers a range of tailored solutions such as seal and seal system upgrades, drivetrain electrification and flare gas recovery systems for reducing environmental impact from harmful emissions.



Cost Advantage

Operational efficiency stems from high equipment reliability and increased production certainty that enables more effective use of plant resources and reduced maintenance costs. The Cost Advantage Program provides comprehensive solutions and services focused on increasing asset reliability and optimizing operational expenses.



Contact us today to see how we can accelerate your energy transition plans in achieving net-zero goals -

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