ABB Robotics Energy Efficiency Service – Introducing a faster, easier way to assess and optimize robot energy efficiency

58%

of global manufacturers surveyed by the Energy Efficiency Movement identified **energy costs** as a major factor **affecting their competitiveness**[1]

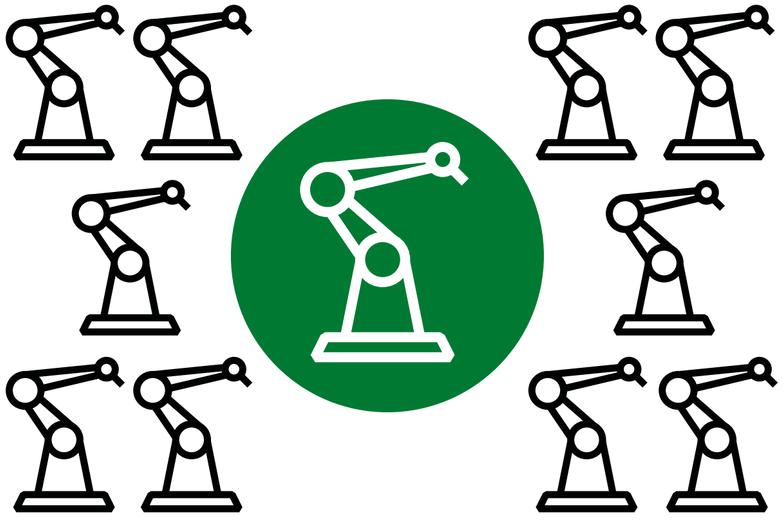
52%

of companies identified **cost savings as their #1 driver** for improving their energy efficiency[1]

48%

of companies are investing in improving their energy efficiency to **boost their sustainability**[1]

Achieving a 10% energy saving on 10 robots could power 1 robot for free



13,000 kWh

Annual average electricity consumed by an industrial robot[2]

Did you know?

The power consumed by industrial robot applications accounts for nearly 8% of the total energy consumption of manufacturing enterprises[3]

See how ABB's Robot Energy Efficiency Service could help you achieve energy savings of up to 30%

FIND OUT MORE

Did you know?

Auditing the energy efficiency of your installed industrial equipment, including robots, can identify energy savings of between **5 to 40%**[4]

Introducing ABB's Robotics Energy Efficiency Service

Identify

Identify energy saving potential using our 50 years of experience, domain expertise and digital energy measurement and monitoring tools

Recommend

Recommend the steps needed to improve energy efficiency, from adjusting robot programming through to upgrading with the latest energy-saving technologies

Optimize

Optimize robot energy performance by correcting inefficiencies and upgrading with latest technologies, **with potential energy savings of up to 30%**

1. Source: ABB – From Insight to Implementation: Business Perspectives on Energy Efficiency Investment
2. Source: Based on ABB studies
3. Source: Online and Modular Energy Consumption Optimization of Industrial Robots
4. Source: Energy Efficiency Movement - 10 key energy efficiency actions for industrial leaders