ABB Ability™ Energy Management System for industries helps effectively manage, predict and optimize the use of various energy types—WAGES1. This solution is perfectly fit for customers who want to average spot price volatility, reduce their use of energy from traditional providers in favor of own sources, byproduct recovery and renewables. They can make data-driven decisions about environmental, financial, operational, and cost / benefit trade-offs.

Did you know that:

- **70%** industrial plants need more than 95% of their energy needs met today, declining by 3% per year to get on track with NetZero2.
- **72%** according to ABB survey, 72% of companies are increasing investment in Industrial IoT specifically to address sustainability aims3.

Ready to reduce costs and promote a greener future?

- **Improve sustainability performance**
- Use enhanced visibility to track targets, deviations, ensure compliance, automate reporting, influence organization and ensure sound continuous improvement of energy efficiency.

- **Avoid price peaks and penalties**
- Purchase the right level of power in liberalized power market and minimize costs.
- Predict complex / variable energy demand with temporary peaks more accurately.

- **Minimize total costs and emissions**
- Leverage process flexibility for shifting production when energy is cheaper.
- Leverage flexibility in energy sources to enable effective energy procurement strategy.
- Maximize the total profit of the operations.

The digital journey to sustainability

**Powered by ABB Ability™ Energy Management System for industries**

- **Audit**
  - Assess current energy consumption to identify where you need to improve efficiency.
- **Monitor**
  - Implement a solution to monitor and improve performance per equipment, line or site.
- **Forecast**
  - Predict energy needs, gaps in and out of hours to step ahead balancing, strategic planning over months, years.
- **Optimize**
  - Heuristically optimize energy supply and demand, integrate generation from renewable sources.

- **ABB Industrial Software**
  - ABB has 130+ years of experience in Mining, Cement, Pulp & Paper, Metals, Power, Food & Beverage, and Manufacturing, with specializing in Industrial IoT services post delivery, and global customer satisfaction.
  - ABB is fully committed to help customers deliver the best energy performance, aligning with industrial and environmental standards. ABB is shy about its own efforts, doing 2x the work necessary.
  - ABB Industrial Software is a flexible platform that can be integrated with all existing equipment.

Start your journey to sustainability today

ABBVIEW

See the results we get for our industrial clients and the most popular use cases.

- **Monitor**
  - Repeat the process, working toward carbon neutrality.
  - Reach out to ABB using the “Contact us” button on this page.

- **Optimize**
  - Embed sustainability at your core, set ambitious targets. Realize your full potential through systems integration.

- **Forecast**
  - Realize your full potential through systems integration.

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**Industrial sustainability: more efforts needed**

- **Energy cost savings of up to 15%**
- **Purpose-built for your site**
- **ISO 50001-certified**
- **Improve sustainability performance**
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