



ABB Ability™ Energy Manager

Sustainability and
energy efficiency



Who can take advantage

- Energy Managers
- Energy Service Companies (ESCOs)
- Energy Consultants
- System Integrators
- Sustainability Managers
- Facility Managers
- Maintenance Managers

Ready to make faster and more informed energy decisions?

Introducing ABB Ability™ Energy Manager, the cutting-edge digital solution that empowers businesses to effectively monitor, manage and optimize their energy consumption, while reducing the CO₂ footprint.



Sustainability

Reduce CO₂ footprint and unlock **further savings, enabling ISO 50001 and LEED certifications.**



OPEX Saving

Cost-efficient solution that provides you with significant savings on energy bills up to 30% while enhancing your operational efficiency project with payback in less than 3 years.



Ready to use

Thanks to its Software-as-a-Service business model and pre-engineered functionalities, ABB Ability™ Energy Manager can be commissioned on-site in less than 1 day.



ABB ESCo System Program Energize Your Business

Be updated in the field with the ABB ESCo System Program!

ABB ESCo System Program is a new engagement program for Energy Service Companies (ESCOs), Energy Consultants and System Integrators (SIs) with focus on electrification energy management offering.

ABB Ability™ Energy Manager

Working smarter



Start Matching

- Gain access to site performance data without having devices connected
- Benchmark other similar buildings
- Access investment opportunities to save energy and lower carbon footprints
- Advise on possible enhancements
- Evaluate achievable targets to improve efficiency



Checking

- Understand energy usage patterns and easily receive a full picture of your energy portfolio
- Use formulas to create custom analysis
- Validate savings achieved with energy efficiency actions in accordance with IPMVP procedures by M&V practise
- Export customizable report including billing and activity maps



Complete matching

- Identify energy consumption profile simply from energy bills or local calculation sheets
- Store energy bills in a unique repository
- Compare energy tariffs of your facilities



Performing

- Immediately recognize site performance by Energy Performance Indicators
- Collect time series data affecting energy consumption in your plant
- Get rationales by APIs or new E-kit
- Integrate distributed energy resources together with energy multi-utility, electrical distribution and industrial equipment



Watching

- Visualise real time and historical trend data from multi-utility devices
- Assess energy consumption for the different areas,
- Get reports from your energy devices on consumption and generation
- Forecast your energy profile
- Ensure benchmarking of data from different sites



Scanning

- Detect power quality anomalies from your medium and low voltage electrical distribution
- Identify power quality recurrency and impacts according to standardized KPIs
- Be advised on actions which can improve power quality in your site
- Track improvement actions to measure benefits



Building

- Integrates with Building Management Systems and local databases
- Analytics cover multiple utilities with visualizations for sustainability KPIs and targets
- Share scorecards for targets and forecasts
- Detailed energy consumption data reports



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Electrification Business Area

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