

ABB Ability™ Empowering Your Energy Management with Data





Whether as energy service companies (ESCOs), energy managers, energy consultants, facility managers or maintenance managers, to have full remote visibility of asset and electrical-system behaviour is invaluable. An energy management system does this, saves costs and energy, and reduces a site's carbon footprint.



What is ABB Ability™ Energy Manager

An EMS from ABB

ABB Ability™ Energy Manager provides detailed information on a site's consumption performance, helps to improve energy efficiency, lowers energy bills and reduces unplanned facility downtimes.

ABB Ability™ Energy Manager is a high-end, cost-effective solution with add-ons and premium services. It is an energy management tool for sites, from small to large, including with segment-specific features. It functions as an innovative cloud-based platform.

With its Software-as-a-Service business model and its pre-engineered functionalities, it's a ready-to-use solution, with on-site commissioning, in under a day.

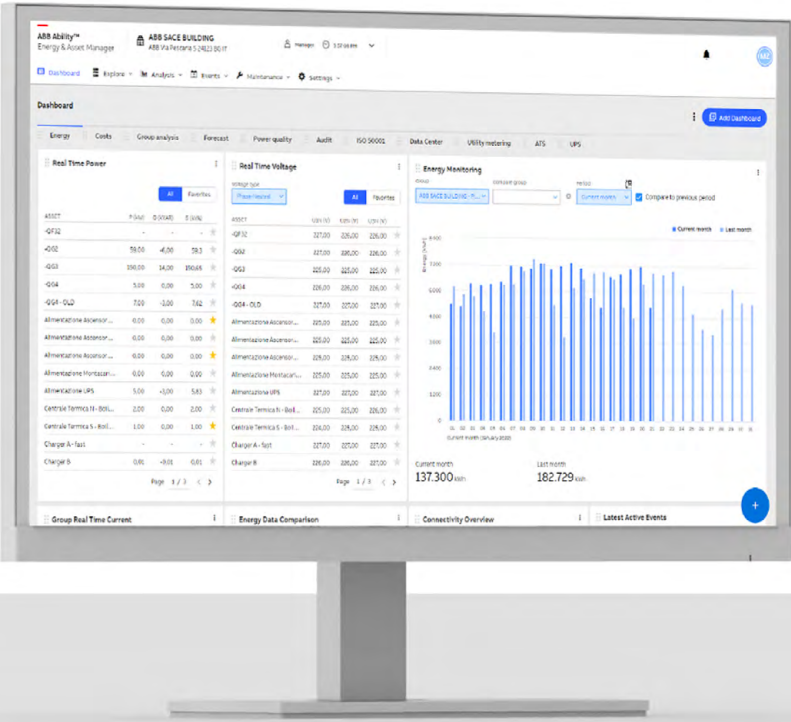


ABB Ability™ Energy Manager



ABB Ability™ Energy Manager

- Matching

A new edition from ABB is the ABB Ability™ Energy Manager – Matching, a tool that helps facility managers, consultants and ESCOs in industry and commercial buildings. The tool has a multitude of benefits that come under the rubrics of Start Matching and Complete Matching.



Start Matching provides access to site performance data without having devices connected, benchmarks with other similar buildings in the country and evaluates achievable targets to improve energy efficiency.

Complete Matching identifies energy consumption profile effortlessly from energy bills or local calculation sheets. It stores energy bills in a unique repository for each site and compares the energy tariffs of facilities.



The benefits from **Watching** include visualizing real-time and historical trend data from multi-utility devices, forecasts energy profiles and quickly provides reports from energy devices on consumption & generation with related cost allocation.



The benefits from **Checking** include receiving a full energy portfolio picture, the validation of savings achieved with energy efficiency actions and the export of customizable reports, including billing and activity maps.



The immediate recognition of site performance by Energy Performance Indicators is a benefit of **Performing**. Further benefits include collecting time series data that may affect a plant's energy consumption plus integrating distributed energy resources together with energy multi-utility, electrical distribution and industrial equipment.



Finally, **Scanning** allows for the detection of power-quality anomalies from medium- and low-voltage electrical distribution. It advises on actions that can improve the power quality at a site and keeps track on improvement action to measure benefits.





Empowering energy and asset management

Customisable, scalable and flexible, the ABB EMS is a cutting-edge, cloud-based tool providing full remote visibility to assets via a state-of-the-art intuitive dashboard. With just a click, ABB Ability™ Marketplace enables upgrades and changes, enabling the customisation of a chosen energy management system.

Packed with data, ABB Ability™ Energy Manager monitors and analyses multiple assets, optimises electrical systems, improves energy efficiency, and both reduces energy costs and carbon footprints.

