

Energy Appraisal

Do more with less by improving energy efficiency



An ABB Energy Appraisal gives detailed insights to make better decisions on ways to save energy for electric motor driven systems, helping to avoid CO₂ emissions and boost a company's overall sustainability.

Whatever your motor-driven application – whether pumps, fans, compressors and mixers – it is highly likely that it is using more energy than it needs. There can be many reasons including:

- Over-dimensioned motors
- Low-efficiency motors
- Variable load processes running at fixed speed
- Poorly maintained assets

An ABB Energy Appraisal identifies the most energy wasteful motor-driven applications and recommends ways to boost efficiency and improve sustainability. An ABB Energy Appraisal can also be included in an ABB Motion OneCare agreement.

Key benefits



Identify motor driven system with potential energy savings – Determine which applications in your plant have the best energy saving potential. All with a clear fleet overview including potential payback and suggested equipment.



Identify the ways to reduce running cost and avoid high CO₂ emissions – Discover potential kWh energy savings and how it can impact the CO₂ emission avoidance in your plan and thereby support your company sustainability goals.



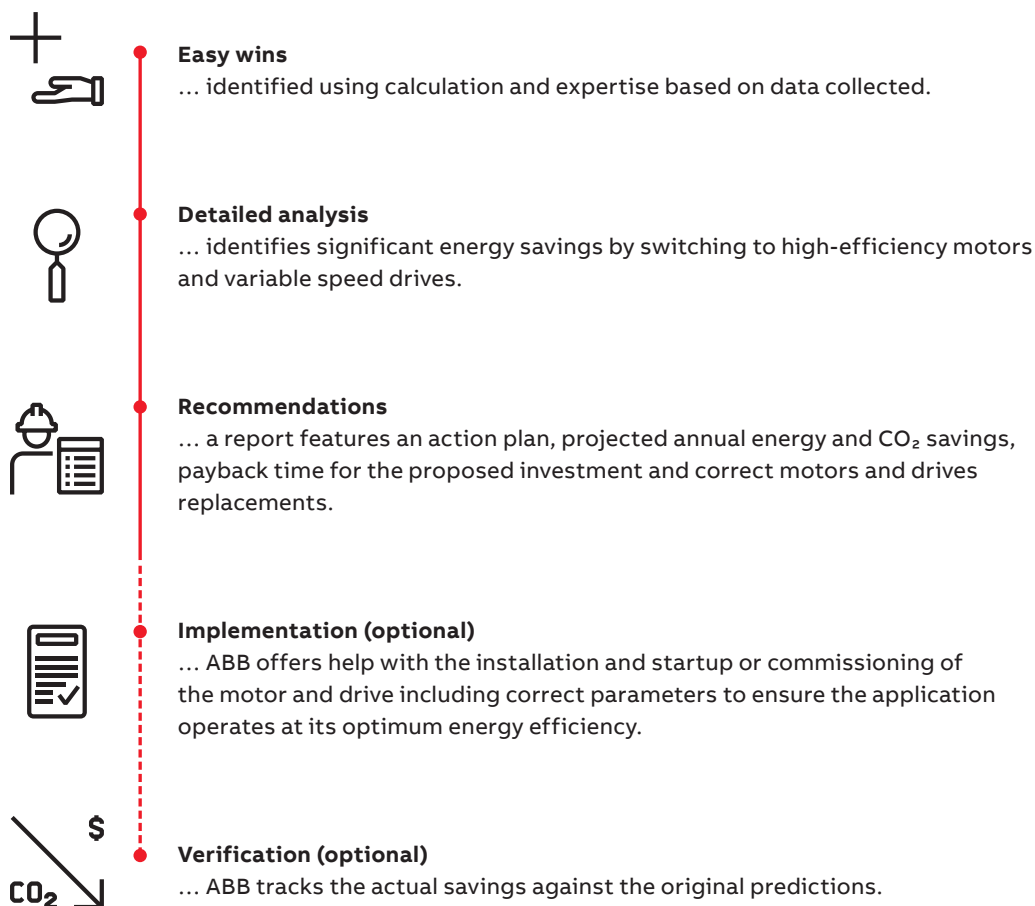
Identify the most relevant motor driven applications for modernizing – An energy appraisal acts as a roadmap for updating your applications helping you prioritize the application with the best payback and savings.



Minimal disruption to operations – The appraisal is carried out without any impact on a facility's operations and using all types of available data. New equipment recommended by the appraisal can be installed and planned during routine maintenance shutdowns, thereby minimizing any disruption to production.



Energy Appraisal Process



For more information, please contact
your local ABB representative or visit:

**[new.abb.com/service/motion/
data-and-advisory-services/
energy-appraisal](https://new.abb.com/service/motion/data-and-advisory-services/energy-appraisal)**



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