



Measuring energy management performance

Energy Management System Rating Protocol

Are you tapping into the full energy savings potential of your company? Visualize your energy management performance through a focused approach that measures, analyzes and empowers continual improvement.

PURPOSE

While energy management and efficiency is on many corporate agenda, the potential for improvement in terms of enterprise competitiveness, climate change abatement and energy policy strategy, often remains vast. The implementation and maintenance of an effective energy management system is essential to exploit your energy savings potential and to continually improve performance.

The approach should include technological solutions as well as structural, behavioral and organizational changes. To support this work, DNV has developed a powerful rating tool and service that provides a quantitative insight into and understanding of the performance of your energy management system. It also supports companies in assessing degrees of compliance to existing and upcoming standards such as EN 16001 and ISO 50001, and to relevant industry best practices.

BENEFITS

The approach helps you to answer questions such as:

- What is the current performance of the organization's energy management system or approach?
- How does it compare to the compliance requirements of existing standards and to industry best practice approaches?
- Where is the largest improvement potential of the current system?
- How do I ensure continual improvement and maturity, and how do I guarantee that improvements stay aligned with the overall company strategy?
- How do I demonstrate the current energy management system's effectiveness?
- How do I benchmark the energy management system performance of different units in my organization?

FEATURES

The EnMS RATING PROTOCOL methodology involves assessing the energy management system by means of specific scoring criteria, similar to what is used to evaluate business excellence.

The approach is complementary to Risk Based Certification™, which is DNV's proprietary and value adding methodology used in accredited management system certification audits (e.g. ISO 9001, ISO 14001 and OHSAS 18001). Both the overall and the individual performance of all relevant aspects of the energy management system are assessed.

Scoring criteria in the current version of the protocol (Ed 1.2) are based on the European Standard on Energy Management Systems (EN 16001) and the most recent working version of ISO 50001. Additional criteria have been included to assess industry best practice and are based on DNV's experience and research in this area. Hence, the protocol is suitable for assessment of the degree of compliance with the EN 16001 and the latest version of ISO 50001,

but also to explore the steps beyond compliance, i.e. towards industry best practice.

The EnMS Rating Protocol is based on six elements, each of them corresponding to a relevant aspect of the energy management system:

1. EnMS System Requirements
2. EnMS Policy
3. EnMS Planning
4. EnMS Implementation and Operation
5. EnMS Checking
6. EnMS Management Review

The assessment report delivers a complete graphic performance profile of the management system.

The use of performance profiles facilitates target-setting for the future as well as the comparison of different units of the organization, e.g. for benchmarking purposes.

WHY PARTNER WITH DNV?

DNV is one of the world's leading certification bodies offering the latest in management systems certification and consultancy services. With more than 70,000 certificates issued worldwide, the DNV brand evokes a strong commitment to safety, quality, and concern for the environment.

RISK BASED CERTIFICATION™ – TAILORED TO YOUR COMPANY'S UNIQUE NEEDS

DNV's Risk Based Certification™ methodology aims to provide more value to you and your company through focused audits. Based on the recognition that each company is different and has its own specific needs, DNV's Risk Based Certification brings each audit even closer to your company-focus.