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ValERI economic efficiency assessment now in econ4

econ solutions has included the economic efficiency assessment according to the ValERI standard (Valuation of Energy Related Investments, DIN EN 17463) in its energy management software econ4. This allows customers to quickly and easily determine, verify and document the cost-effectiveness of efficiency and decarbonization measures.

The European standard DIN EN 17463 for the Valuation of Energy Related Investments (ValERI) provides a method for assessing the economic viability of decarbonization and energy efficiency measures. Companies are obliged to do this as part of the Energy Efficiency Act and various ordinances. ValERI is based on the net present value method, but also takes into account all quantitative and qualitative effects of an investment, e.g. due to energy savings or subsidies. The Energy Efficiency Act and the corresponding ordinances stipulate when a measure is considered cost-effective according to ValERI and must therefore be implemented.

In order to provide companies with the best possible support in assessing cost-effectiveness according to ValERI, econ solutions has incorporated the calculation method into its energy management software econ4 in collaboration with its sister company BFE Institut für Energie und Umwelt. This allows companies to enter measures with responsibilities and status and immediately receive the ValERI result after entering the required data. This gives them an overview of the cost-effectiveness of all potential decarbonization and energy efficiency measures and makes it easier for them to comply with legal and regulatory requirements, including documentation and verification.

The valuation according to ValERI is to be applied to the following laws and regulations:

- The Energy Efficiency Act (EnEFG) obliges companies with a total energy consumption of more than 2.5 GWh/a to draw up and publish specific plans for economic efficiency measures.

- The “Medium-Term Energy Supply Security Measures Ordinance” (EnSimiMaV) stipulates that companies with a total consumption of over 10 GWh/a must implement all economic efficiency measures.
- Under the “special equalization scheme” (BesAR) and the “BEHG Carbon Leakage Ordinance” (BECV), financial aid is linked to the implementation of economic energy efficiency or decarbonization measures.

When planning, dimensioning and implementing energy efficiency or decarbonization measures, companies receive advice and support from a single source from the experts at econ solutions, BFE and MVV Enamic.

About econ solutions (<https://www.econ-solutions.de/en>)

econ solutions offers solutions for effective operational energy management. The open plug & play software and hardware is flexibly scalable and can work independently or integrate existing hardware and systems from other manufacturers. Services include integration and customizing, system dimensioning and planning, commissioning, software maintenance as well as training and workshops. More than 600 companies rely on the econ software solution, including Aptar, BASF, Bergi Plast, Continental, the HÜBNER Group, ebm-papst, Fried Kunststofftechnik, EDILTEC, TRUMPF Werkzeugmaschinen, Unilever and ZF TRW.

econ solutions GmbH, based in Munich with branches in Berlin, Freiburg, Mühlhausen and Meiningen, was founded in 2010 and has been part of the Mannheim-based MVV Energie AG Group (www.mvv.de) since 2017. Thanks to the close cooperation with 20 companies in the MVV partner network, customers have access to specialists for every energy issue.

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