

COMPANY ENERGY AUDIT



Mandatory audit for large enterprises

An energy audit includes a series of analyses and the development of **the most interesting and cost-effective energy-saving measures that can be implemented in a given company**. This is a basic step and the most important pillar of a zero-emission strategy.



Legal basis

Pursuant to the Energy Efficiency Act (Journal of Laws of 2016, item 831, consolidated text, Journal of Laws of 2021, item 468), implementing the provisions of the EED Directive 2012/27/EU - hence the common name EED audit - all large enterprises in Poland are obliged to conduct an energy audit of the enterprise under a penalty of up to 5% of the value of the company's revenues achieved in the year preceding the obligation.

Who is required to perform a company energy audit?

Every large enterprise is required to conduct an energy audit. According to the applicable regulations, a large enterprise is an enterprise that in the last two financial years:

- employed an average of **at least 250 employees**
- or
- achieved an annual net turnover from the sale of goods, products and services and financial operations exceeding the PLN equivalent of **EUR 50 million** and the total assets of its balance sheet prepared at the end of one of these years exceeded the PLN equivalent of **EUR 43 million**.

What should an audit report include?

Introduction

Methodology

Energy balance of the plant

Audit of electricity, heat and cooling sources

Energy audit of buildings and transmission networks (heating/cooling)

Energy audit of buildings and networks (electricity)

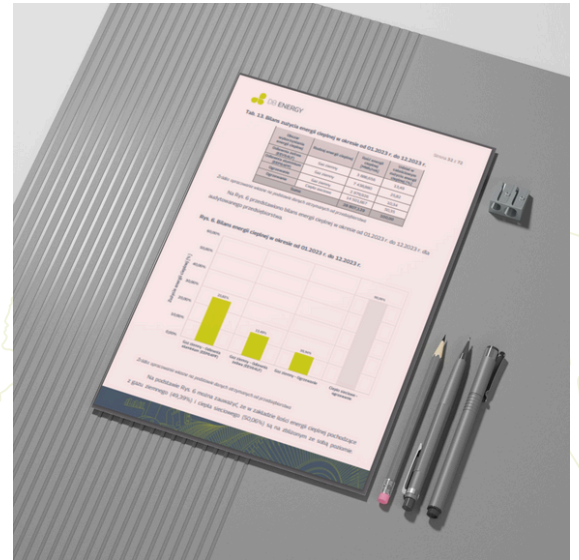
Audit of technological processes

Transport energy audit

Summary of audit conclusions with recommendations for implementation

After conducting a basic analysis of the company's energy consumption, we are able to identify energy-intensive processes. Thanks to this, the Client learns all the areas **worth focusing on in the process of improving energy efficiency**.

Then **we create a full list of actions** based on cost analysis, renovation and investment plans of the plant and the most significant savings. Then we present our suggestion regarding the order of implementation of actions, guaranteeing the greatest benefits for the Client.



Audit and what next?

Further measurements

In order to accurately estimate energy and financial savings, we will perform additional measurements in the audited plant, as indicated in the recommendations. Thanks to this, the economic indicators will be specified in detail.

Feasibility study

Then our engineers will perform a feasibility study that will allow for the precise selection of technology, device parameters and integration with the existing plant infrastructure.

General contracting

We will manage the project as General Contractor and supervise the work of proven subcontractors. Thanks to this, the entire project will run smoothly and without disruptions. We will keep both the budget and the schedule in check.

ESCO Financing

As an ESCO company, we also offer General Contracting with financing. The ESCO model is a form of contract that allows the implementation of the investment without any financial contribution on the part of the Client.

Clients who have implemented the investments proposed in the audit with us:

Soufflet Malt House

From an audit to 40% emission reduction



Schumacher Packaging

How to save 20 million?



CLICK TO LEARN MORE ABOUT THE MANDATORY ENTERPRISE ENERGY AUDIT FOR LARGE COMPANIES

Why is it worth performing an audit with DB Energy?

We help medium and large industrial companies become part of a zero-emission future. We want to co-create factories that we could have right outside our doors. We advise, design, implement and finance energy efficiency activities. This is decarbonization that pays off.

Decarbonization that pays off - additional profits thanks to energy efficiency.

The Enterprise Energy Audit is a special set of analyses that allows you to identify areas where it is possible to reduce energy consumption in the company. For some companies, it is a mandatory audit that should be carried out once every 4 years.

1 445
industrial projects

EUR 1,3 bn

value of completed projects

9,8 TWh

total reduction in energy consumption

EUR 512 mln

annual savings of our customers

Decarbonization that pays off