

# Certified Energy Manager (TÜV)


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 Course

 4 Dates available

 Certificate of Completion

 Virtual learning

 32 Lessons

 Available online

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Seminar Number: PH-C11-EnergyManager-TÜV

Status: 16.03.2026. All current information can be found at <https://academy-ph.tuv.com/s/PH-C11-EnergyManager-TÜV>

Elevate your career by becoming a Certified Energy Manager. Our comprehensive program is designed to provide you with the expertise to implement and manage energy management systems in line with the DIN EN ISO 50001:2018 standards. Learn how to optimize energy usage, reduce costs, and drive sustainability initiatives within your organization.

## Benefits

After completing this course, you will be able to:

- **Create, operate, and evaluate an Energy Management System:** Gain the expertise to design and implement an effective energy management system in compliance with DIN EN ISO 50001:2018 standards. You will learn how to operate and continuously improve the system to enhance energy performance within your organization.
- **Optimize potential for energy efficiency:** Develop the skills to identify and exploit opportunities for energy savings. By analyzing current energy consumption patterns, you can implement strategies that reduce energy use and operational costs, positioning yourself as an invaluable energy manager.
- **Setup an energy data collection system and an energy planning process:** Learn how to establish a robust energy data collection framework that supports accurate monitoring and reporting. You will be equipped to create an energy planning process that aligns with organizational goals and complies with DIN EN ISO 50001:2018 requirements.
- **Understand practical examples of mechanical and electrical Systems, cold, heat, and waste heat processes:** Enhance your understanding of various energy systems through practical examples. You will explore mechanical and electrical systems, as well as processes involving cold, heat, and waste heat, enabling you to manage and optimize these systems effectively.

# Target group

This course is designed for professionals seeking to enhance their expertise as energy managers in line with DIN EN ISO 50001:2018 standards.

- **Engineers and Technical Staff:** Those responsible for designing, operating, or maintaining energy systems, aiming to optimize efficiency and performance.
- **Facility Managers:** Professionals overseeing energy consumption in buildings and infrastructure, looking to reduce operational costs and improve sustainability.
- **Sustainability Officers and Environmental Managers:** Individuals driving corporate sustainability initiatives and integrating advanced energy management practices.
- **Consultants and Advisors:** Experts supporting organizations in achieving energy efficiency and compliance with international standards.
- **Employees in Corporate Planning, Production, Quality Assurance, or Maintenance:** Those wishing to contribute to their company's energy objectives and sustainability goals.

# Requirements

While it is not mandatory, we highly recommend the completion of the **Level 1 50001 Fundamentals eLearning course** before enrolling in this program. This foundational course provides essential knowledge of energy management principles and the DIN EN ISO 50001:2018 standards. By completing it, you will be better prepared to fully engage with the advanced concepts covered in the Certified Energy Manager course.

The Level 1 course equips you with a solid understanding of the basics, enabling you to maximize the benefits of the training and apply the knowledge more effectively within your organization. However, if you have prior experience or knowledge in energy management systems, you can still participate in the program without completing the Level 1 course.

# Training outline

- **Energy Management Systems and Energy Planning Process:**

Delve into the comprehensive study of energy management systems, focusing on the energy planning process as outlined in **DIN EN ISO 50001:2018**. This segment will guide you through the formation of **Energy Performance Indicators (EnPIs)** and the establishment of **energy baselines** according to **ISO 50006** standards. You will learn how to:

By mastering these concepts, you'll be equipped to create an energy management system that not only complies with international standards but also drives significant improvements in your organization's energy performance.

- Develop and implement effective energy management strategies.
- Set realistic energy objectives and targets for your organization.
- Monitor and measure energy performance systematically.
- Ensure continuous improvement in energy efficiency and sustainability.

- **Data Analysis and Measurement Technology:**

Gain practical expertise in data analysis and measurement technologies crucial for effective energy management. This module incorporates real-world examples from **ISO 50015**, enabling you to:

Through hands-on exercises and case studies, you'll learn how to harness data to make informed decisions that enhance energy efficiency and reduce operational costs.

- Understand the principles of accurate energy data collection and analysis.
- Utilize advanced measurement technologies to monitor energy consumption.
- Apply statistical methods to interpret energy data effectively.
- Validate energy savings and verify the impact of energy efficiency measures.

- **Technological Optimization and Best Practices:**

Expand your basic knowledge of various energy-consuming technologies and explore optimization opportunities to improve energy efficiency within your organization. This section covers:

By studying these technologies, you will be able to identify practical optimization examples and implement energy-saving measures that lead to significant cost reductions and environmental benefits.

- **Compressed Air Systems:** Learn techniques to optimize compressed air generation and distribution, reduce leaks, and minimize energy waste.
- **Pumps and Drives:** Discover energy-efficient practices for pumps and motor systems, including the use of variable frequency drives and proper equipment sizing.
- **Heat Supply Systems:** Explore methods to enhance the efficiency of boilers, steam systems, and implement heat recovery solutions.
- **Refrigeration Technology:** Understand ways to improve refrigeration system performance through maintenance best practices and advanced control strategies.
- **Lighting:** Examine modern lighting solutions such as LED technology, intelligent lighting controls, and the integration of natural daylight to reduce energy consumption.

## Other information

For payment details and inquiries, please contact [academy@ph.tuv.com](mailto:academy@ph.tuv.com). Our team will guide you through the payment process and answer any questions about schedules, content, or logistics.

### ADDITIONAL INFORMATION

- Training fees include materials and a certificate.
- Unless stated otherwise, fees are subject to **12% VAT**.
- A **50% down payment** is required before the first day of training. The balance is due on or before the last day.
- We accept various payment methods; please reach out for instructions.
- **For Classroom Trainings, there will be an additional ₱ 1,000 for ancillary costs.**

## CANCELLATION POLICY

- TÜV Rheinland Philippines reserves the right to postpone or cancel public courses due to valid reasons.
- Unless cancelled by TÜV Rheinland Philippines, all fees are non-refundable once registration is confirmed.
- Cancellations made five days or fewer before the training date are non-refundable; full fees will be charged.
- You may nominate a substitute delegate at no extra cost. Please provide their details at least three business days beforehand.

## Event overview and booking

Book your desired date now directly online at <https://academy-ph.tuv.com/s/PH-C11-EnergyManager-TÜV> and benefit from these advantages:

- Fast booking process
- Personal customer account
- Simultaneous booking for several participants.

Alternatively, you can use the order form to order via fax or e-mail.

# Order form Page 1/3

I HEREBY BINDING REGISTRATION FOR THE FOLLOWING SEMINAR:

## Certified Energy Manager (TÜV)

Seminar Number: PH-C11-EnergyManager-TÜV

Please choose an appointment you would like to book:

- 04/13/2026 - 04/21/2026**, | Event number: PH-C11-EnergyManager-TÜV-Certified Energy Manager (TÜV)  
€30,000.00 (Net price, plus VAT) €33,600.00 (Gross price, including VAT)
- 06/15/2026 - 06/23/2026**, | Event number: PH-C11-EnergyManager-TÜV-Certified Energy Manager (TÜV)  
€30,000.00 (Net price, plus VAT) €33,600.00 (Gross price, including VAT)
- 10/19/2026 - 10/27/2026**, | Event number: PH-C11-EnergyManager-TÜV-Certified Energy Manager (TÜV)  
€30,000.00 (Net price, plus VAT) €33,600.00 (Gross price, including VAT)
- 12/02/2026 - 12/18/2026**, | Event number: PH-C11-EnergyManager-TÜV-Certified Energy Manager (TÜV)  
€30,000.00 (Net price, plus VAT) €33,600.00 (Gross price, including VAT)

All further information about the dates can be found at <https://academy-ph.tuv.com/s/PH-C11-EnergyManager-TÜV>.

Please send us **all pages** of the form by fax or email to order the above seminar.

**E-mail:**  
[academy@phl.tuv.com](mailto:academy@phl.tuv.com)

**Phone:** +63 28128887

Please enter your order data on the next page.

# Order form Page 2/3

- I am ordering as a consumer (private customer)
- I am ordering as a company / public authority (business customer)

## Invoice address

We use this data for order confirmation and invoicing.

Company name:

Position Title / Department (optional):

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House No. / Street:

Zip code:

City:

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Your internal purchase order number:

Your Tax VAT (optional):

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You can enter an internal purchase order number  
(SAP number)

## Your contact data

We use this data for order confirmation and invoicing.

Salutation:

First Name:

Last Name:

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Email Address:

Phone number:

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## Participant information

I will participate in the seminar myself (contact details as indicated above)

The following person is to participate in the seminar:

Complete only if you are not attending yourself, but another person is.

Salutation:

First Name:

Last Name:

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Email Address:

Phone number:

\_\_\_\_\_

Date of birth (optional):

Place of birth (optional):

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**Payment method:** Invoice

For consumers, the cancellation policy applies, which you can find under the attached terms and conditions.

I hereby accept the following general terms and conditions of the organizer (<https://academy-ph.tuv.com/terms>).

Location, date

Signature

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Please send us **all pages** of the form by fax or email to order the above seminar.

**E-mail:**  
[academy@phl.tuv.com](mailto:academy@phl.tuv.com)

**Phone:** +63 28128887