



Malaysia
Chapter

ENERGY AUDITING FOR CHILLER PLANTS



DATE
12th & 13th
January 2027



TIME
9.00am –
5.00pm



ST POINTS
APPLIED

OUR SPEAKERS



Ts. Ng Wen Bin

Senior Lecturer
UniKL-MFI



**Ir. Dr. Keith Leow,
P.E., CEng, REA, BCxP**

Director
EMS Design &
Consultation Sdn Bhd



Master Chiller
Plant Audit
Analysis



Calculate
Efficiency &
Energy Savings



Develop Practical
Energy Saving
Proposals



Present Findings
& Influence
Management



Plan Implementation
& Verify
Results



COURSE INTRODUCTION

This training course on “Energy Auditing for Chiller Plants” provides participants with a comprehensive overview of key topics such as chiller plant audit analysis, data interpretation, efficiency calculation, and energy saving proposals. It also covers the structure of energy audit reports, presenting findings to management, implementation planning, and measurement & verification after improvements.

The course includes practical modules led by experienced instructors and a tentative schedule that features introductory sessions, fundamentals of chiller systems, and breaks for discussion and collaboration. Attendees will gain valuable skills for conducting energy audits and proposing actionable improvements in chiller plant operations.



WHO SHOULD ATTEND

This course is designed for facility managers, energy auditors, HVAC engineers, operations personnel, and sustainability professionals involved in chiller plant operations or energy management. It is also suitable for technical staff, consultants, and anyone seeking to enhance their skills in energy auditing and improve the efficiency of chiller systems.

Both new and experienced professionals will benefit from the practical modules and actionable recommendations provided throughout the training.



ASHRAE MEMBER PRICE:

RM 1850

NON-MEMBER PRICE:

RM 2500

PER PARTICIPANT



CONTACT US FOR MORE INFO:

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VENUE:

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TENTATIVE SCHEDULE

**Training schedule is tentative and may be subject to change.*

DAY 1 12th January 2027

TIME	MODULE
9:00 am – 10:30 am	1. Introduction to Energy Auditing
10:30 am – 10:45 am	<i>Tea Break</i>
10:45 am – 12:00 pm	2. Fundamentals of Chiller Systems
12:00 pm – 1:00 pm	3. Key Performance Indicators of Chiller Systems
1:00 pm – 2:00 pm	<i>Lunch</i>
2:00 pm – 3:30 pm	4. Chiller Plant Energy Audit Procedure and System Performance Evaluate
3:30 pm – 3:45 pm	<i>Tea Break</i>
3:45 pm – 5:00 pm	5. Instrumentation and Data Collection

DAY 2 13th January 2027

TIME	MODULE
9:00 am – 10:30 am	6. Chiller Energy Consumption Analysis & Diagnosing Chiller System Inefficiencies
10:30 am – 10:45 am	<i>Tea Break</i>
10:45 am – 1:00 pm	7. Energy Saving Opportunities in Chiller Plants
1:00 pm – 2:00 pm	<i>Lunch</i>
2:00 pm – 3:30 pm	8. Case Studies of Chiller Energy Audits
3:30 pm – 3:45 pm	<i>Tea Break</i>
3:45 pm – 5:00 pm	9. Reporting and Recommendations

