IOT Driven Energy Monitoring for Efficiency Improvement

This program is designed to provide in-depth knowledge on the importance of effective energy monitoring for compliance with the Energy Efficiency and Conservation Act. The training package includes IoT sensors for real-time electricity usage measurement and an integrated IoT platform to streamline energy data collection and analysis.
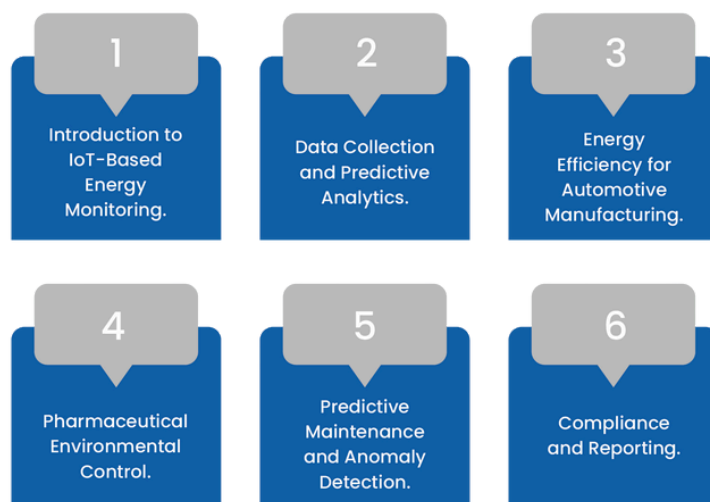
What is offered

This program provides participants with comprehensive understanding of the Energy Efficiency and Conservation Act (EECA) through both theoretical and practical approaches. Each participating company will receive an IoT-based Electricity Energy Measurement System, which will be installed at their facility within the Klang Valley region.

The program includes:
1. Installation of IoT monitoring equipment
2. Access to our IoT analytics platform
3. Data analysis training and support
4. Generation of EECA-compliant reports and metrics

This hands-on approach enables companies to directly monitor, analyze, and optimize their energy consumption while ensuring compliance with EECA requirements.

1. Introduction to IoT-Based Energy Monitoring.
2. Data Collection and Predictive Analytics.
3. Energy Efficiency for Automotive Manufacturing.
4. Pharmaceutical Environmental Control.
5. Predictive Maintenance and Anomaly Detection.
6. Compliance and Reporting.

When
DAY 1: 4th December 2024
DAY 2: 5th December 2024

Where
Dorsett Grand Subang, Subang Jaya, Selangor

Participation Fee RM 16,830 / company

Four Day Program

DAY 1 – 4th Dec. 2024

Time	Topic
08:30 ~ 09:00	Registration and Welcome
09:00 ~ 09:15	Overview of Energy
09:15 ~ 10:00	Energy Efficiency and Conservation Act (EECA) 2023
10:00 ~ 10:15	Coffee Break
10:15 ~ 13:00	Details on Energy Efficiency and Conservation Act (EECA) 2023
13:00 ~ 14:00	Lunch Break
14:00 ~ 15:00	Introduction to ISO 50001:2018 Key Concepts and Principles
15:00 ~ 15:30	Requirements of ISO 50001:2018 (Part 1)
15:30 ~ 16:00	Requirements of ISO 50001:2018 (Part 2)
16:00 ~ 16:15	Coffee Break
16:15 ~ 16:30	Requirements of ISO 50001:2018 (Part 3)
16:30 ~ 17:00	Q&A and Wrap-Up

DAY 2 – 5th Dec. 2024

Time	Topic
08:30 ~ 09:00	Recap of Day 1
09:00 ~ 10:30	Implementation Process
10:30 ~ 10:45	Coffee Break
10:45 ~ 12:00	Monitoring and Measurement
12:00 ~ 13:00	Lunch Break
13:00 ~ 14:30	Certification Process
14:30 ~ 14:45	Coffee Break
14:45 ~ 16:00	Case Studies and Best Practices
16:00 ~ 16:30	Practical Tips for Audit Preparation
16:30 ~ 17:00	Final Q&A and Conclusion

Note:
Day 3 and Day 4 - Date and Program TBA.

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