

 **sense**
energy efficiency monitoring service

Index

Introduction

Why you need Energy Efficiency Monitoring?

3 benefits of Energy Efficiency Monitoring Service

Overview of Energy Efficiency Monitoring Service

Stage1: e-Sense check

Stage2: e-Sense track

Stage3: e-Sense solar

What's included in the service

Planning, Setup, Reporting and Consulting

Solution lineup

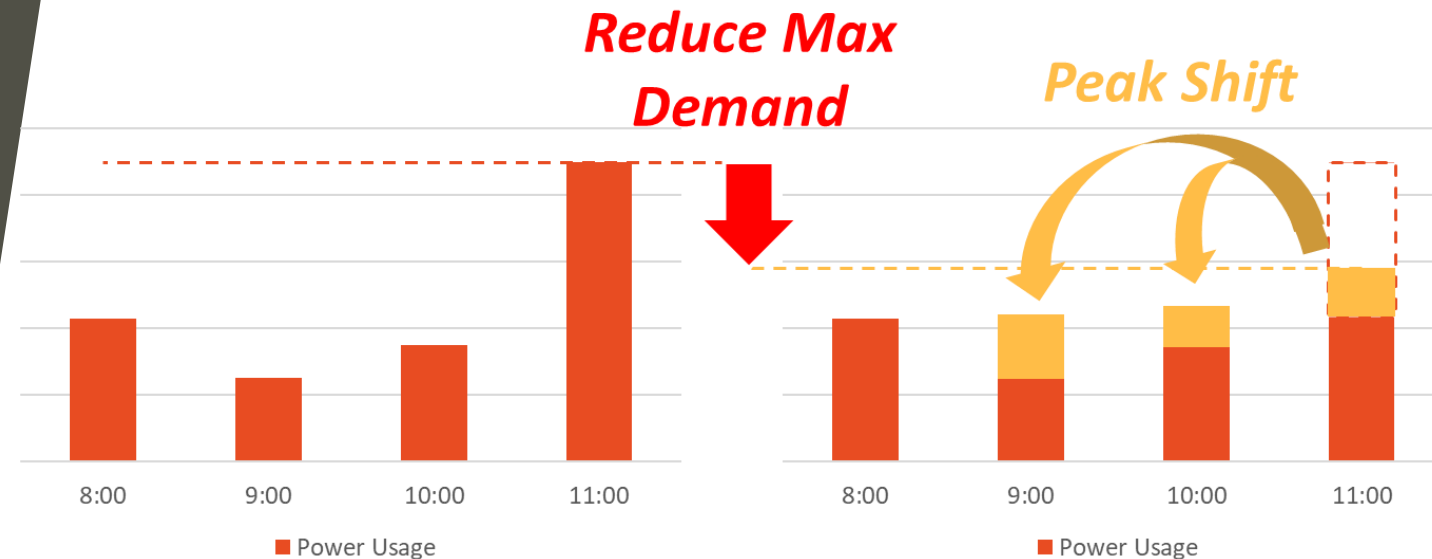
EQUO™

Why you need Energy Efficiency Monitoring?

You might have received an electricity bill with Maximum Demand charge and wanted to find the cause, BUT you do not know when and how it happened.

If you can shift the peak of power usage, the electricity cost will decrease.

There may be plenty of other room for improvement in terms of energy efficiency, such as assigning workers or replacing aging machines.



3 benefits of Energy Efficiency Monitoring Service

1

Reducing
energy
consumption &
cost by
visualizing
power usage

2

Improving
energy efficiency
by optimizing
operation
management

3

Aspiring
sustainable
future by
installing
renewable
energy such as
solar PV

Overview of our Energy Efficiency Monitoring Service

We offer three different stages – Stage1, 2 and 3 – based on the cost and the scale requirements.

Low Cost
Quick Start

Stage1

 **sense**check

Grab the power usage of the specific machine or facility with simple and easy steps

Stage2

 **sense**track

Dive deep into operation management with the multi-functional monitoring device

Stage3

 **sense**solar

Jump onto the next stage of energy saving by installing solar power system

Larger Scale
Long-term Initiative

*The details of Stage2&3 solutions will be updated soon.



Who is this for?

- ☐ Which machine...?
- ☐ What time period...?

What you can get?

A summary report including the energy consumption data of the target machine or facility

How it works?

- Attaching a power monitoring device to the machine or the electrical distribution box
- ✓ No downtime
 - ✓ No installation work
 - ✓ No power supply required

What is Max targets?

5 machines or sites

How long?

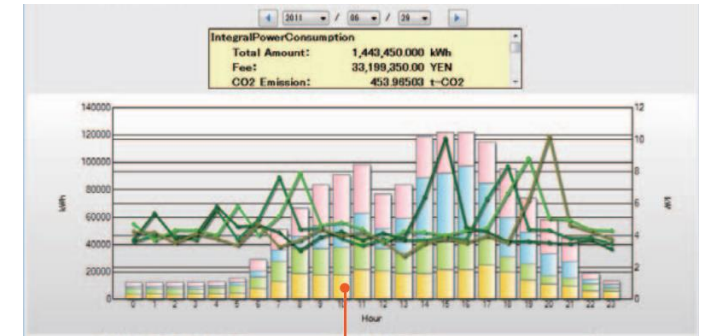
1-2 weeks*

How much?

RM4,000-*



Machine	Energy
A	3.59 kWh
B	8.40 kWh
C	2.47kWh

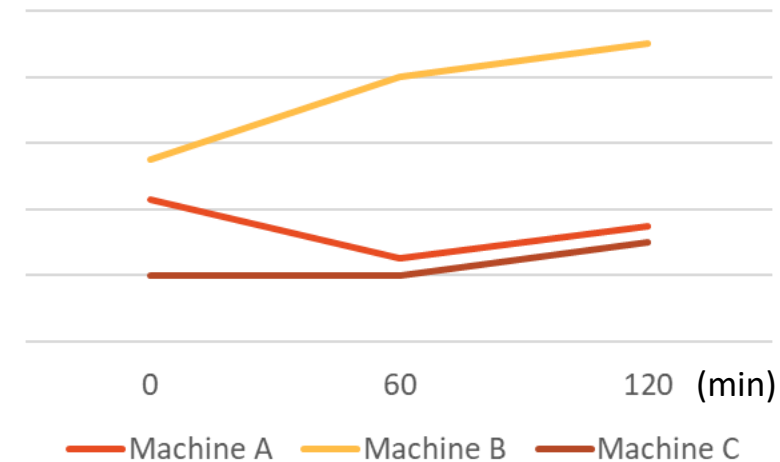
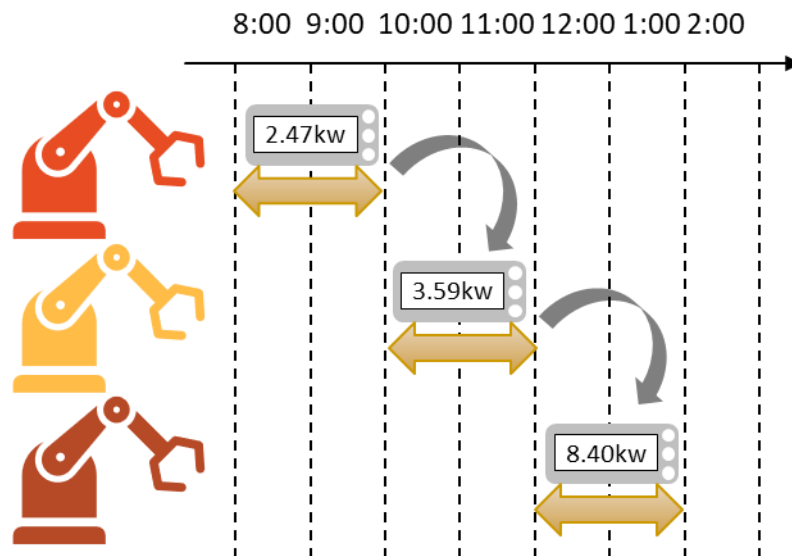


*Depends on the number of targets that customer wants to monitor



Mode1 - The most power consuming machine detection

Attaching a monitoring device to the machine and switching it to another every specified time period (e.g. 2 hours) allows us to easily compare their power usage per time along with a graphical data such as below:

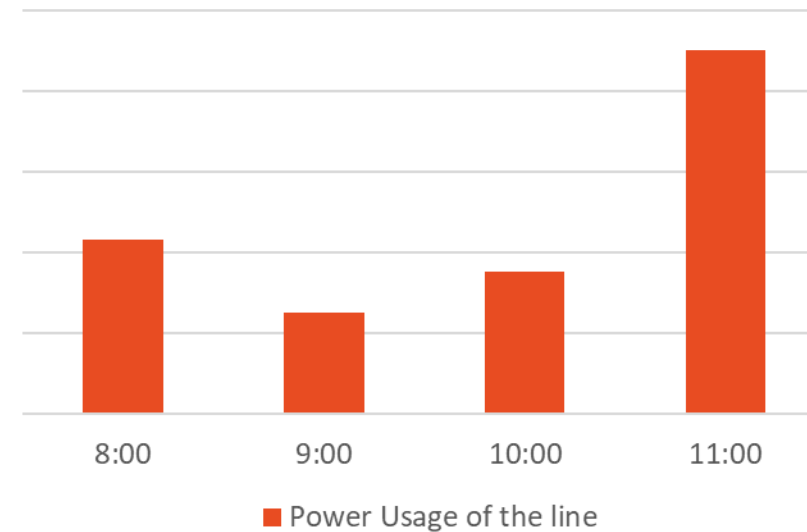
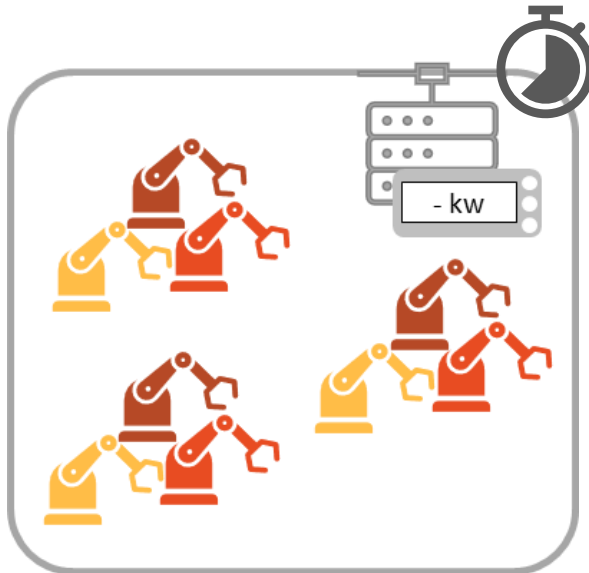


- ✓ You can pick up the best time for each machine to be measured to get their average performance.



Mode2 - Peak hour detection

Attaching a monitoring device to the electrical distribution box for specified time period (e.g. 24 hours) allows us to measure the energy usage of the entire facility to see what time is the peak along with a graphical data such as below:



- ✓ You can measure the total energy consumption of the facility with one kit.

What's included in the service

1. Planning



Setting an objective and developing the best plan to achieve the goal

2. Setup



Setup the monitoring kit and do data check-up to ensure installation is successful

3. Reporting



Collecting data from the logging unit and generating a summary report

4. Consulting



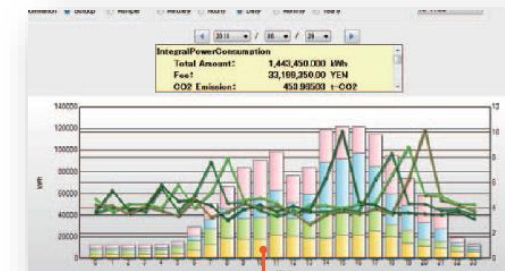
Reviewing the report to see if the objective is achieved or further actions are required

Solution lineup

EQUO™ Series

Portable Power Monitoring System

- Quick and easy power checking at production site for energy-saving initiatives.
- SD Viewer software is included for displaying changes in instantaneous power.
- Multi Data Viewer is included for displaying power consumption for a certain time unit such as 1 minute, 1 hour and 24 hours. Its bar-graph representation is best suited for indicating cumulative electric power.





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