



MesTch EMS Sdn Bhd

Think Green, Mind My Carbon

POWER OS

1. Founded in Malaysia and incorporated on 2024
2. In 2025, Mestron Holdings Berhad became a strategic shareholder, strengthening our foundation and supporting our growth
3. Following Mestron Holdings Berhad's investment in 2025, MesTch expanded its product portfolio to include renewable energy solutions, complementing our core Energy Management System (EMS).
4. Collaboration with Taiwan design house to develop and localize the EMS due to local demands and requirements. Our backend partners have many years of experience in this field
5. Our core product EMS is enhanced with IoT technology, enabling real-time monitoring, advanced data analysis, and control
6. Energy management forms the core of our platform, serving as the basis for extending into other applications such as efficiency optimization, sustainability reporting, and smart facility integration





# Energy Management System (EMS)

The system composed of hardware devices and software

- 1 . Instant energy consumption profile.
- 2 . Monitor equipment operation efficiency and improve its efficiency.
- 3 . Historical data analysis and reasonable calculation of energy consumption.
- 4 . Establish energy management benchmarks.
- 5 . Immediate warning and abnormal management notification.
- 6 . Remote monitoring to reduce manpower load.





# Clients & Collaboration Partners



**Kamunting, Perak**  
TNB bill : RM3M/month  
kWh : 6,346 MWh  
kW : 12.5MW



**Gemas, N.9**  
TNB bill : RM1.3M/month  
kWh : 2,396 MWh  
kW : 5.6MW



**Kamunting, Perak**  
TNB bill : RM1.5M/month  
kWh : 3,547 MWh  
kW : 5.7MW



**Kuala Lumpur**  
TNB bill : RM1.3M/month  
kWh : 2,396 MWh  
kW : 5.6MW



**Bukit Tagar, Selangor**  
TNB bill : RM400k/month  
kWh : 932.8 MWh  
kW : 1.5MW



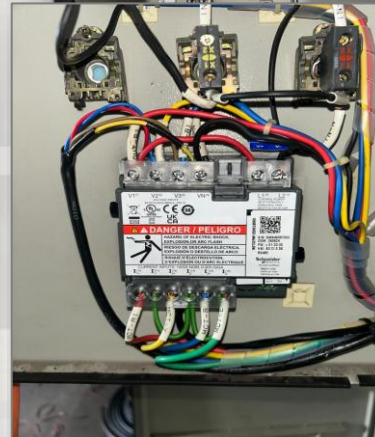
**Shah Alam, Selangor**  
TNB bill : RM300k/month  
kWh : 866 MWh  
kW : 1.4MW



**Gurun, Kedah**  
TNB bill : RM51k/month  
kWh : 85.07 MWh  
kW : 5.6MW



# Site Visit and Installation



Puchong, Selangor

Pasir Gudang, Johor

Bukit Tagar, Selangor

# EMS Structure for Energy Optimizing





**EPOWER OS**

