

# Power Quality laboratory in PEA central area 3 Nakhon pathom



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# **Topics**

- Introduction
- Design
- Construction
- Results
  - Power Quality Laboratory
- Conclusion











People = Up skill and Re-skill

**Enhancement** 

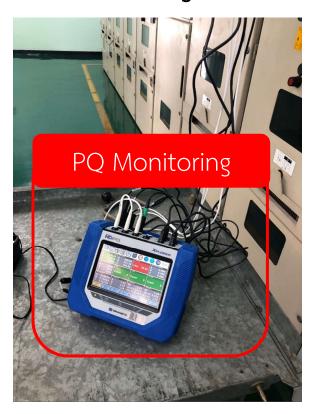
Agile

Adopt



#### **Power Quality Laboratory**

1. Install and Setting Power Quality Meter







#### **Power Quality Laboratory**

2. Protection Relay: Testing and disturbance data analysis

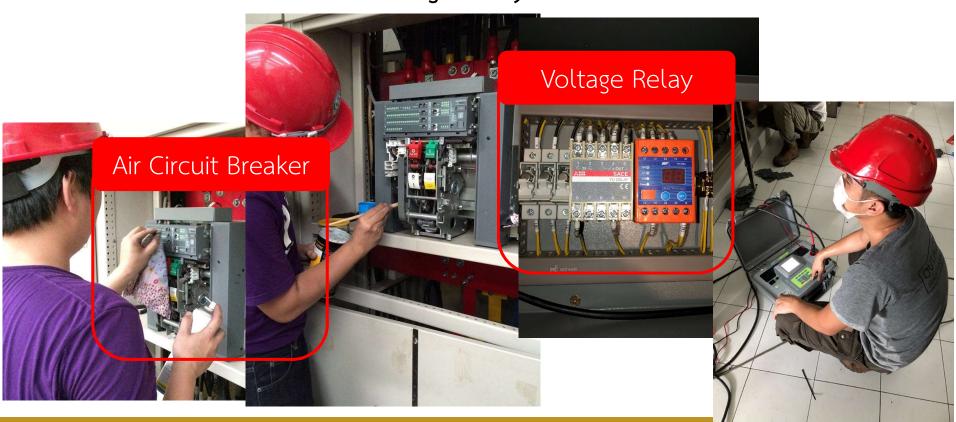






#### **Power Quality Laboratory**

3. Air Circuit Breaker and Voltage Relay Show case





#### Power Quality Laboratory

4. Power Factor Correction and Capacitor Bank









#### **Power Quality Laboratory**

5. Photovoltaic Power stations and Problems





#### Power Quality Laboratory

#### 6. Ground resistance show case









#### 7. Power Quality On-line Monitor Center

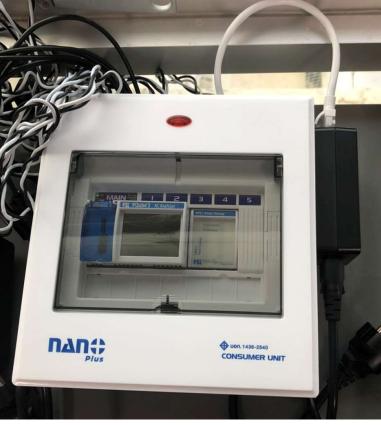






































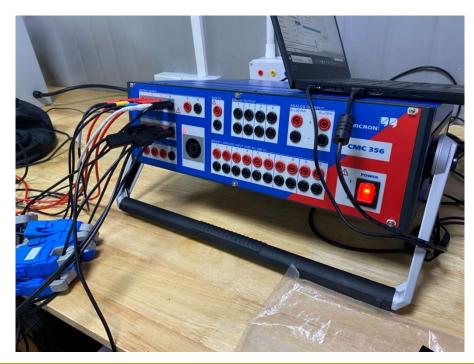




#### **Power Quality Laboratory**

ISO/IEC 17025 : 2017 General requirements for the competence

of testing and calibration laboratories.







#### Conclusion

- 1. Power Quality Laboratory definition of power quality primary school.
- 2. Training advance power quality team.
- 3. Testing and calibration laboratories.





