



Bina Tenaga Energy Sdn. Bhd.

your power factor solution

Company Profile

*Technology Provider for System
Efficiency Solutions*



Technology Brand :



Technology :

**SMART REACTIVE POWER
COMPENSATION SYSTEM**

Macro-Micro Integrated®



info@binatenaga.com.my

www.binatenaga.com.my

Iskandar Puteri, Johor



your power factor solution

Company Overview

Bina Tenaga Energy Sdn Bhd is a Malaysia-based company specializing in power factor correction systems (PFCS) and system efficiency solutions for commercial and industrial applications.

The company operates as a technology provider and system integrator, delivering reliable, compliant, and cost-effective solutions that help clients reduce electrical losses, avoid power factor surcharges, and improve overall electrical system performance.

A Trusted Partner in Power Factor & System Efficiency

With a strong focus on engineering quality and strategic collaboration, Bina Tenaga Energy supports its projects through a hybrid operational model that combines in-house technical expertise with established industry partners, ensuring scalable and efficient project execution.



Our Core Focus/Services

✔ Power Factor Improvement

✔ Cost Reduction through energy optimisation

✔ Electrical System Efficiency

✔ System Retrofitting, Restoration & Upgrading

Vision

To be a trusted Malaysian technology provider in energy efficiency solutions, delivering measurable savings and sustainable value to our clients.



Mission

- To provide reliable and effective power factor correction and energy efficiency systems
- To support clients in achieving compliance with utility and regulatory standards
- To deliver cost-efficient, high-quality solutions through strong engineering and partnerships
- To create opportunities for industry players and local partners within the energy ecosystem

Business Philosophy

We believe that technology, collaboration, and practicality are key to sustainable energy optimisation.

Our solutions are engineered to be:



Practical & application-driven



Compliant with relevant standard



Designed for long-term performance and maintainability



Core Services & Solutions



Power Factor Correction System (PFCS)

- Design and engineering of PFCS
- Supply and fabrication of capacitor bank panels
- Installation, testing, and commissioning
- Power factor surcharge mitigation



System Upgrade, Restoration & Retrofitting

- Replacement of ageing or faulty capacitor bank components
- Upgrading of relays, capacitors, and protection systems
- Restoration of underperforming systems
- Retrofitting existing installations to improve efficiency



Engineering & Technical Support

- Site inspection and system assessment
- Load analysis and system recommendations
- Troubleshooting and corrective works
- Preventive maintenance support



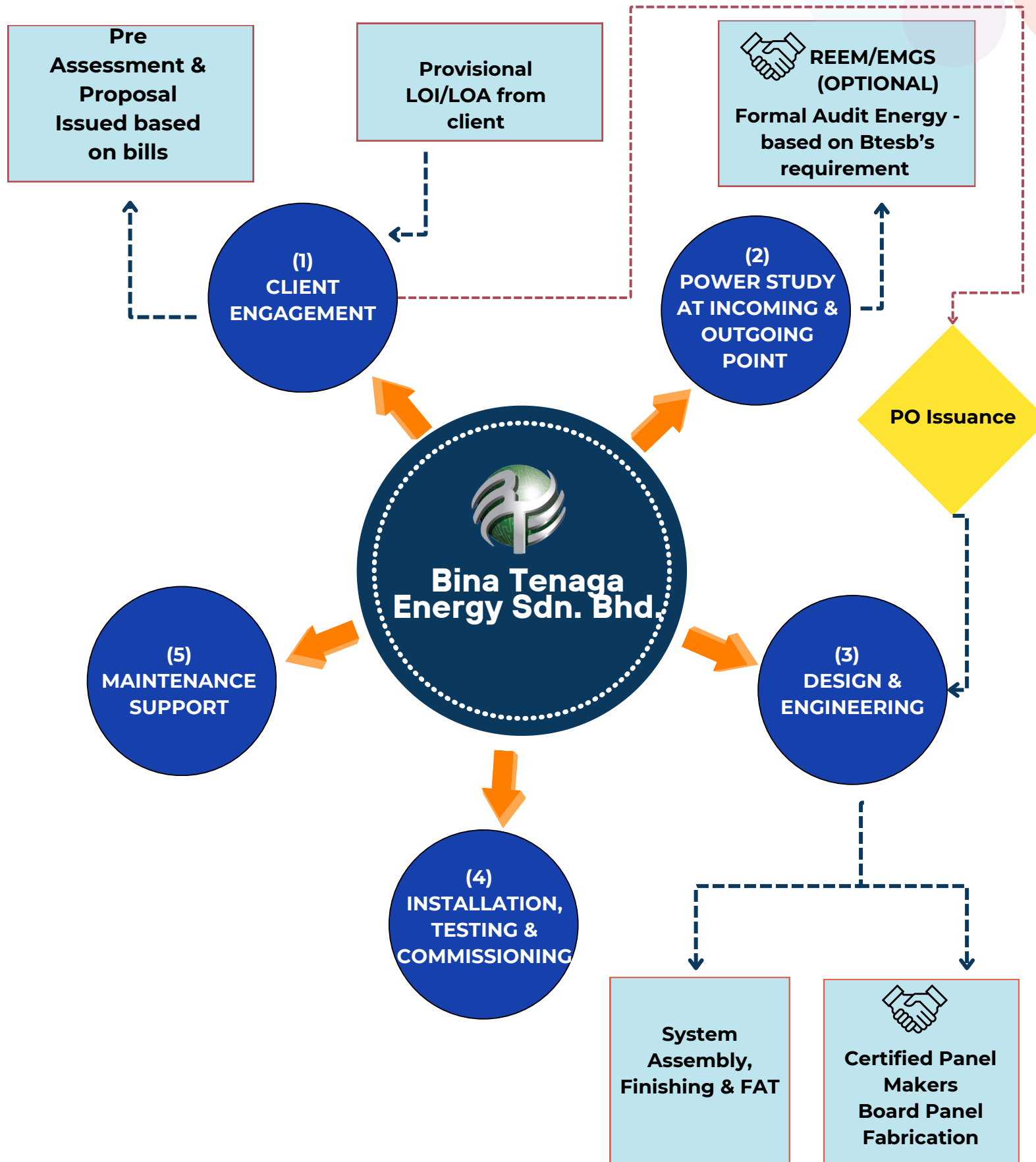
Industries Served

- Commercial buildings
- Industrial and manufacturing facilities
- Public and institutional buildings
- Religious facilities and community buildings



Operational Plan

Bina Tenaga operates using a hybrid model which in engineering and project management handled internally, while fabrication and specialised audits are executed by certified partners. This approach reduces capital investment, increases flexibility, ensures certified quality, and enables us to scale efficiently while sharing project value



Key Strengths

- Focused expertise in power factor correction
- Strong network of reliable industry partners
- Compliance-driven engineering approach
- Customised solutions based on actual site conditions
- Clear focus on client cost savings and system reliability

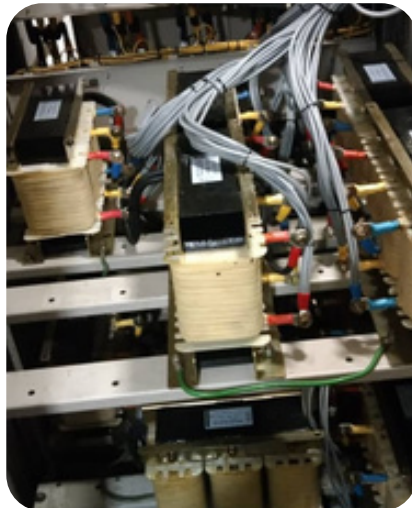
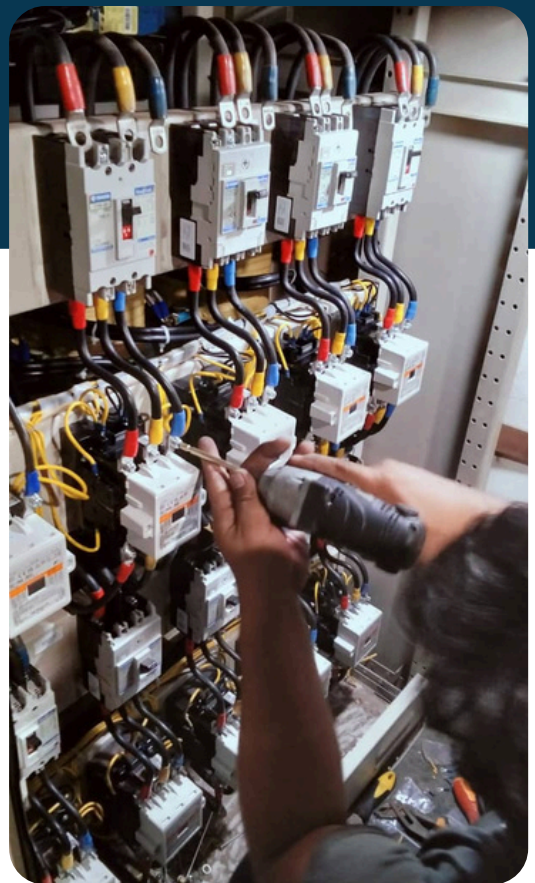
Compliance

Compliance & Standards

- Designed to meet TNB and Suruhanjaya Tenaga requirements
- Systems engineered in accordance with applicable electrical and safety standards
- Collaboration with certified professionals for energy assessment where applicable

Track Record & Experience

- Experience in PFCS installation, upgrading, and corrective works
 - Projects involving system replacement, restoration, and retrofitting
 - Serving clients across commercial and industrial sectors
- (Project details available upon request.)



Company Information

Company Name:

Bina Tenaga Energy Sdn Bhd

Founder:

Ts Muhammad Alamin Bin Muhamad

Nature of Business:

System Efficiency Technology Provider & System Integrator

Core Offering:

Power Factor Correction Systems (PFCS-Binatenaga)

Contact Information:

Office & Technology Centre:

No. 23 Jalan Silc 2/3, Kawasan Perindustrian Silc,
79200 Iskandar Puteri, Johor

Email: info@binatenaga.com.my



Thank you