

# **ENGINEERING**

Using the latest technology and innovation, Benang Engineering develops and delivers solutions to assist energy infrastructure owners and operators to improve the monitoring and maintenance of their assets. We are a leader in developing construction-focused industrial engineering solutions.

Ours a multi-disciplinary team of expert engineers and professionals who have been handpicked for their experience and capabilities in completing complex projects.

Our ability to provide a complete service solution is what appeals to our clients, who often have many contractors to manage. This ensures that communications are simplified and that we can provide cost effective results.

We offer advanced solutions in the vfollowing disciplines:

- Civil and structural
- Electrical and mechanical
- Assets lifecycle management
- Feasibility and constructability studies
- Power generation & renewables
- Network validation and compliance assessments
- Critical infrastructure risk assessments

## Constructability review services

We perform constructability reviews to assess the viability of every project. These reviews are typically performed to determine and improve the construction plans and specifications in order to mitigate onsite issues. Our evaluations consist of safety, quality, productivity, scheduling and project costings.

#### **Asset Management:**

- Asset inspection, data collection and interpretation, reporting
- Still, thermographic and 3D mapping of assets
- Thermographic analysis
- Maintenance and repairs of infrastructure assets

### **Energy Assessment:**

We have an experienced team of Energy Assessors who will provide you with personalised design assessments.

## **Testing and Commissioning**

A strong, robust commissioning partner is essential to conclude the test and inspection paperwork at handover stage of the site into its operational stage. We ensure the installation is functioning as per the design specification via a comprehensive testing and inspection process.



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