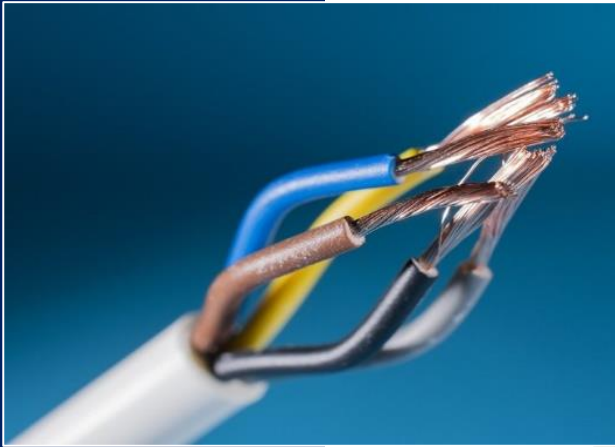


# COMPANY PROFILE



**MYS ENGINEERING SDN BHD**

**Providing You With Total  
Engineering Solutions**





## OUR VISION

To be a leading innovative engineering solutions provider across the industries and the employer of choice for engineering professionals.

## MISSION STATEMENT

MYS is committed to delivering value to our clients through exceptional work that is completed safely, on time and on budget. We strive to always demonstrate commitment and integrity with clients, employees and stakeholders. We provide a superior, safe and healthy working environment for employees, and encourage leadership and innovation among our staff.



**MYS ENGINEERING SDN BHD** was established in 2002, and has grown to become one of the premier total one-stop engineering solution provider in key sectors as stated below in Malaysia over the last 20 years

- **Energy.**
- **Co Generation**
- **Renewable Energy**
- **Oil & Gas Services.**
- **Information Technology**

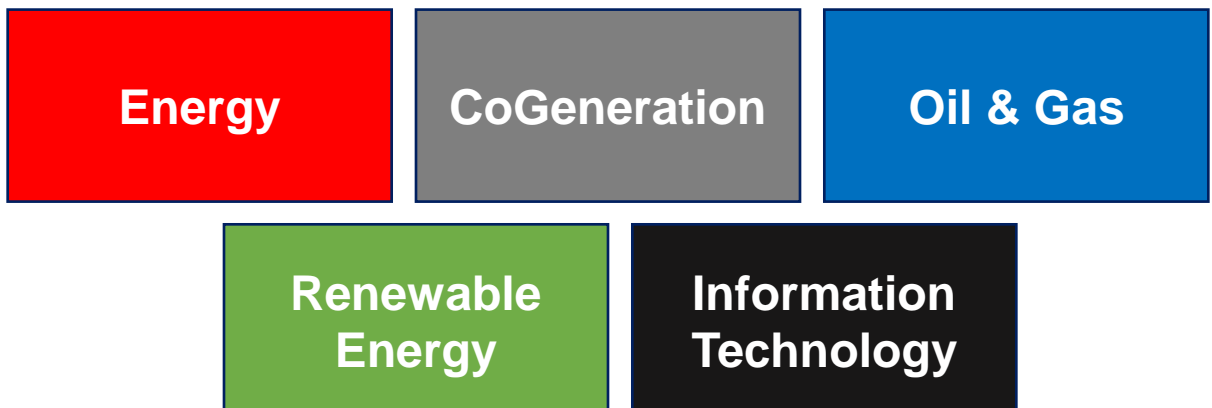
From the humble and vibrant beginnings with just 3 employees, we have now grown to almost 50 full time member of staffs.

Our experiences include contracts & projects executions and solution provider for market leaders and prominent names in the industry.

Our expertise covers contracts, projects & construction management and consultancy for tailored turnkey solution to meet projects needs, timeline, budget and client contractual requirements.

We value clients satisfaction and trust, we therefore strive in delivering the best solution always on time and within budget.

**Our 5 key sectors are :**



# Energy

The Energy sector is one of MYS ENGINEERING SDN BHD's core service which has also included undertaking assignments up to 500KV, and has completed various types of projects within the power industry, including EPCC, substation construction, supply and installation of electrical infrastructure.

The Energy sector is divided into several subsectors namely :

- **Projects / EPCC.**
- **Equipment Services.**
- **Facility Services.**
- **Energy Efficiency & System Study.**



# Energy

## • *Projects / EPCC.*

**Projects & Engineering, Procurement, Construction & Commissioning (EPCC)** are for large scale projects that we have completed to date and among some of the notable projects are;

### 1. High Voltage (HV)

- Phase 4 500kV System Development at Air Tawar & Bukit Tarek Extension Project (TNB)
- Supply of Mobile substation to Asset Maintenance department (TNB)
- Designing, Engineering, Supply, Installation & Commissioning of 132kV GIS (CJ BIO)
- GE\_PMU TNB Pudu Hulu 132kV GIS Refurbishment works
- PMU 275/132kV Brickfields Extension (3<sup>rd</sup> Interbus Transformer – 1X 240MVA)

### 2. Medium Voltage (MV)

- Install, Test & Commissioning of ABB 33kV Panels at PMU Larkin, PBJB, Melakaraya & Slibin
- ABB 33kV Refurbishment works at PMU FCTR, Johor
- Turnkey installation and integration of Mewaholeo Co-Gen (11kV ABB Switchgear, Stepdown Transformer & related works)

### 3. Low Voltage (LV)

- Installation and Commissioning of Surveillance System (CCTV and Card Access) (DKSH)
- Electrical cabling works for Hitachi chiller (EMERY OLEOCHEMICALS)
- Supply, Install and commissioning of new units of Uninterruptible Power Supply System (AEGIS)



## Energy

### • *Equipment Services*

Our equipment services subsector includes

#### 1. Switchgears

- 132kV Gas Circuit Breaker Maintenance at NUR, Kulim (TNB)
- 132/33kV GIS Refurbishment work at PMU Tasek Cement & PMU Pergau (TNB)
- 132/33kV GIS Refurbishment work at PMU Tanjong Kling (TNB)
- 500/275/132kV GE Instrument Transformers

#### 2. Transformers

- 275/132/33kV\_2x240MVA (CGPISL, India) Transformer Installation, Brickfields (TNB)
- PMU Icon City (PTCG, Indonesia) 132/33kV\_2x90MVA Transformer Installation (TNB)
- PMU Bukit Tengah (PTCG, Indonesia) 132/33kV\_1x90MVA Transformer Installation (TNB)



## Energy

- ***Equipment Services (cont'd)***

### **2. Transformers (cont'd)**

- PMU Chembong (PTCG, Indonesia)  
132/33kV\_1x45MVA Transformer Installation (TNB)
- PMU Teluk Intan (PTCG, Indonesia)  
132/33kV\_2x90MVA Transformer Installation (TNB)
- PMU Jeli (CGPISL, India) 132/33kV\_1x240MVA Transformer Installation (TNB)
- Erection & Testing Service for 1x90MVA (BTW, China) Transformer at TNB Warehouse Bukit Sentosa (TNB)
- 1x50MVA, 2x25MVA, 1x20MVA & 1x2MVA (Schneider Electric, Indonesia) Oil supply, filtration & re-commissioning (VALE MINERALS)





## Energy

- ***Facility Services***

The Facility Services is aimed at providing efficient, effective operations and maintenance services for building or facility owners to ensure efficient performance, conserve energy usage levels, while at the same time minimize downtime, interruptions and breakdowns.

Among the types of services provided includes;

1. Generator Maintenance & Support (up to 2750kVA)
2. Uninterruptable Power Supply (UPS) & DC Systems Maintenance
3. AC & DC Motor Maintenance & Support
4. Data Centre Maintenance & Support
5. Building Energy Services & Maintenance
6. Fire Fighting Systems Solutions
7. Chillers & Air Conditioning Solutions
8. Calibration Services

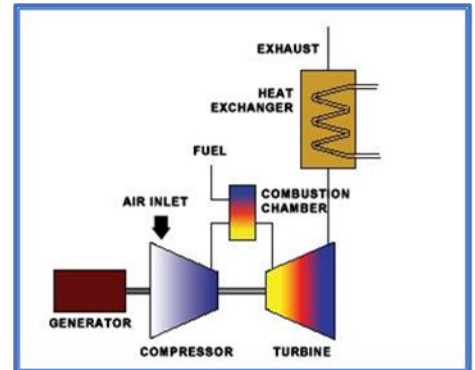






# CoGeneration

**Cogeneration Systems** are often based on thermal electrical generating stations (such as fossil fuel and nuclear plants), where the energy content of a resource (normally a fossil or nuclear fuel) is converted to heat (in the form of steam or hot gases) which is then converted to mechanical energy (in the form of a rotating shaft), which in turn is converted to electricity.



**CoGeneration Schematic**

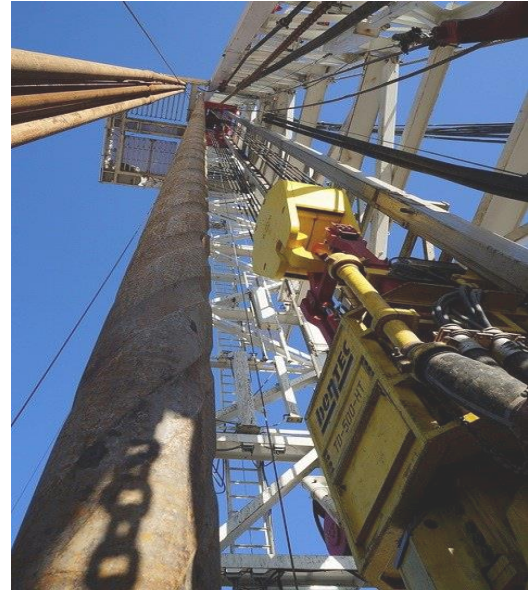
Among the notable Cogeneration projects we have completed include;

- Muda Paper Mill, Kajang (Phase I & II) – CHP - Commissioned 2006 & 2010
- Perstima Utility Sdn Bhd, Pasir Gudang – CHP – Commissioned 2011
- Invest Energy Sdn.Bhd (Etika Dairies, Meru)-CHP – Commissioned 2019
- Kiev-CRG Sdn.Bhd (CareGlove)-CHP – Commissioned 2021
- Hartalega Berhad (Phase I & II), Sepang – CHP – Commissioned 2018 & 2021



## Oil & Gas

We supply certified quality products ranging from electrical, mechanical, instrumentation, marine engineering to petrochemical industries which adheres to local and international standards that are required for industrial and hazardous zones. This includes specialized items which caters to our customers needs. We also provide M&E installation services led by our certified engineers



### Cables related

| Cable Glands  | Cables   | Cable Support System  |
|---|--|---|
| <ul style="list-style-type: none"> <li>Material: Nickel Plated Brass, Brass, Aluminum, PVC</li> <li>Oil &amp; Gas, General Industries</li> <li>Explosion proof, Weatherproof</li> <li>For Armored, Braided, Unarmored cables</li> </ul> | <ul style="list-style-type: none"> <li>Power cable, Instrument cable, Network cable</li> <li>Oil &amp; Gas, General Industries, Marine/Offshore</li> <li>Flame retardant, Fire resistant</li> <li>Armored, Braided, Unarmored</li> </ul> | <ul style="list-style-type: none"> <li>Cable Trays, Cable Trunking, Cable Ladder</li> <li>Conduits, Cable Ties, Fittings &amp; Accessories</li> <li>Material: Stainless steel, HDG, Aluminum</li> </ul> |

# Oil & Gas (con't)

| Junction Boxes  | Lightings   | Other Products   | Services   |
|---|---|--|--|
| <ul style="list-style-type: none"> <li>Material: Mild steel, GRP, Stainless steel</li> <li>Oil &amp; Gas, General Industries</li> <li>Explosion proof, Weatherproof</li> <li>Optional: Terminal block, Mounting plate, Stopping plug, Breather/Drain plug, Din rail, End bracket</li> </ul> | <ul style="list-style-type: none"> <li>Fluorescent light</li> <li>Flood Light</li> <li>Emergency Light</li> <li>Keluar Sign Light</li> <li>Twin Light</li> <li>LED Lamp</li> <li>Others</li> <li>Protection: Explosion proof, Weatherproof</li> <li>Temperature Class: T1,T2,T3,T4,T5,T6</li> </ul> | <ul style="list-style-type: none"> <li>Panels</li> <li>Valves</li> <li>Explosion proof Motors &amp; Accessories</li> <li>Explosion proof Switches</li> <li>Explosion proof Adapters &amp; Connectors</li> <li>Plugs &amp; Sockets</li> <li>Push Buttons</li> <li>Explosion proof Control Stations</li> </ul> | <ul style="list-style-type: none"> <li>Installation/Hook Up &amp; Commissioning of :                             <ul style="list-style-type: none"> <li>Generator Sets</li> <li>Fire fighting systems</li> <li>E&amp;I installation for hazardous &amp; industrial areas</li> <li>Compressor Skids</li> <li>Gas Turbines</li> <li>Motors and Pumps</li> <li>Lighting Systems</li> <li>Switchgears and Control Panels</li> <li>Fire Suppression Systems</li> <li>Nitrogen Skid System</li> <li>Helideck Foam Skid</li> <li>Valves &amp; Actuators</li> <li>Gas and Flame Detectors</li> </ul> </li> </ul> |





# Renewable Energy

**MYS ENGINEERING SDN BHD** also provides solutions on Renewable Energy (RE) projects in view of Malaysia's vision towards sustainable economy and development, with effort to create awareness on the importance of 'going green'.

As demand for clean and renewable energy grows significantly and costs of traditional energy sources rising in tandem, the recognition of environmental issues is increasing and political support is also growing. You need a partner to help guide your organization through these changes to meet new challenges, maximize efficiency and ensure the growth of your renewable energy business.

In this fast growing sector, we provide the following services;

- **Supply and Installation of Infra lighting**
- **Supply and installation of solar panels**
- **Turnkey Projects such as;**
  - **Solar panels for Homes and Farms**
  - **Solar Thermal**
  - **DC Thermal**
  - **Biogas Solutions**



# Information Technology



The ICT division has been part of the organization since the company's inception in 2002

It has provided professional IT Support and IT Outsourcing Services including IT Consultancy based on our client's needs. Our range of services is designed to help our clients in the many areas of **IT Support, IT Solutions, IT Outsourcing & managed IT services.**

Our key deliverance is to provides companies with the best practices and services that are important to delivering business value and maximizing the value of their information technology investments. This is to ensure our client reduces their overall costs and enables them to realize value earlier. We also offer customized IT Solutions depending on our

client's needs.

We provide the following services:

- **Network Design, Installation & Upgrades**
- **IT Security including SCADA**
- **UPS Power & PoE**
- **Maintenance & Monitoring**
- **Onsite & Remote Support**
- **Fixed Cost IT Management**
- **Strategic Advice & Consulting**
- **Information Technology Related Hardware/Software Products**
- **IT Spare Parts**



## OUR CLIENTS

**MYS ENGINEERING SDN BHD** is currently a registered vendor and service provider for companies throughout Malaysia and the region. Among those companies include:

|  |  |
|--|--|
| ABB Malaysia Sdn Bhd                   | Mackenzie Industries Sdn Bhd                                 |
| Aegis BPO (M) Sdn Bhd                  | Malaysia Airlines Group                                      |
| Amkor Technology (M) Sdn Bhd           | Malaysia Transformer Manufacturing Sdn Bhd                   |
| AS Automation Services                 | Mega Auto & Electrical Engineering Sdn Bhd                   |
| Baker Hughes (M) Sdn Bhd               | Mewaholeo Industries Sdn Bhd                                 |
| BION Sdn Bhd                           | MTU Power Systems Sdn Bhd                                    |
| Callidus Technologies                  | Nova Nusantara Sdn Bhd                                       |
| Deleum Berhad                          | REEEP Group Sdn Bhd  |
| Deleum Services Sdn Bhd                | Renesas Semiconductor KL Sdn Bhd                             |
| Deleum Oilfield Sdn Bhd                | Panasonic Appliances Air Conditioning (M) Sdn Bhd            |
| DKSH Holdings (M) Sdn Bhd              | Pembinaan Teras Maju Sdn Bhd                                 |
| Emerson Process Management (M) Sdn Bhd | PT CG Power Systems, Indonesia                               |
| Emery Oleochemicals (M) Sdn. Bhd.      | Siemens Malaysia Sdn Bhd – Power Transmission & Distribution |
| Excel Prestige Sdn Bhd                 | Sime Darby Industrial Sdn Bhd                                |
| Fajar View Sdn Bhd                     | SP Energy Sdn Bhd  |
| Favelle Favco Cranes (M) Sdn Bhd       | Takat Unggul (M) Sdn Bhd                                     |
| FG Generator Sdn Bhd                   | Teknik Janakuasa Sdn Bhd                                     |
| GE Power Services (M) Sdn Bhd          | TransSystem Sdn Bhd  |
| Gibraltar BSN                          | Turboden S.p.A, Italy  |
| Halliburton Energy Services Sdn Bhd    | TR Engineering & Trading Sdn Bhd                             |
| Hartalega NGC                          | Tractors Petroleum Services Sdn Bhd                          |
| Herbalife Products (M) Sdn Bhd         | Turboservices Sdn Bhd  |
| Hitachi ABB Power Grids Sdn Bhd        | Turboservices Overhaul Sdn Bhd                               |
| Hitachi Asia (M) Sdn Bhd               | UMW Industrial Power Sdn Bhd.                                |
| Honeywell International                | UOP Malaysia Sdn Bhd   |
| Invest Energy Group                    | WZS Powergen Sdn Bhd   |
| K Power Co. Ltd, Korea                 | 1Lynx Solutions Sdn Bhd                                      |
| Kellog Asia Products Sdn Bhd           |  |
| KIEV CRG Sdn Bhd                       |  |
| Malaysia Digital Economy Corporation   |  |

# LICENSES, REGISTRATION & CERTIFICATIONS



Malaysia Ministry of Finance (MOF)  
Registered Company



**TENAGA NASIONAL**  
Registered Vendor



Certificate Number : AGM14/10168



## GET IN TOUCH



**MYS ENGINEERING SDN. BHD**  
**(200201012065)**



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## PROJECT REFERENCES

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**AVAILABLE ON REQUEST**