

Curriculum Vitae



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| NAME | EZHAM ABDUL KHALID |
| D.O.B | 21 DECEMBER 1971 |
| NATIONALITY | MALAYSIAN |
| CONTACT NUMBER | +6012-3091507 |
| EMAIL | ezhamk@gmail.com |

ACADEMIC QUALIFICATIONS AND CERTIFICATIONS

BTEC National Diploma in Electrical & Electronic Engineering,
Peterborough Regional College, England (1991)

Bachelor of Engineering (Hons.) in Electrical Engineering,
University of Southampton, England (1994)

MBA, International Islamic University Malaysia (2001)*

Professional Engineer, Board of Engineers Malaysia (2006)

Chartered Engineer, Engineering Council UK (2008)

Registered Electrical Energy Manager, Energy Commission, Malaysia (2013)

Member of the Institution of Engineering and Technology, UK (2007)

77th Management Development Program, Asian Institute of Management, the Philippines (2010)

ASEAN Chartered Professional Engineer (ACPE) (2018)

Professional Technologist in Green Technology (Malaysia Board of Technologists) (2021)

WORK EXPERIENCE

Consumer Engineer Oct 1994 (TNB)

He started his career as a Customer Services Engineer with Tenaga Nasional Berhad (TNB) in Sitiawan district office. He was in charge of customers' affairs, billing and customer connection services which include supply applications, operations and maintenance. He was also the assistant to the District Manager, assisting in the day to day operations and P&L of the TNB Sitiawan district that covers 1 branch office (TNB Parit) and 4 Breakdown Service Centers. The total staff strength was 470 personnel.

Planning & Construction Engr. 1996 (TNB)

In May 1996, he was reassigned to the Project Planning and Construction department. He took charge of the District Network planning, procurement and construction of all HV and LV supply applications, liaison with consultants and contractors to implement supply connections and system improvements. He was also the Safety Officer for TNB Sitiawan and TNB Perak State Safety Auditor (Group Leader).

District Manager 1997 (TNB)

He was then promoted to a District Manager post at TNB Kampar district. As a District Manager, he was responsible for the whole district business operations which include Administration, Accounting and Finance, Project Planning, Procurement, Operation, Maintenance, Customer Services and Human Resources. The Kampar district office has 2 branch offices (Gopeng and Batu Gajah) and 3 Breakdown Service Centers with total staff strength of 310 personnel. The area of coverage was Kampar, Batu Gajah and Gopeng with approximately 70,000 customer accounts. He managed to turn around the district performance from a loss-making outfit into registering the first profit after 4 years within 7 months in office.

Senior Electrical Engineer, Wirazone Sdn Bhd September 1997 (Malakoff)

In September 1997, he left Tenaga Nasional Berhad to pursue a more challenging career with an independent power producer and was employed as a Senior Engineer with Wirazone Sdn. Bhd., a wholly own subsidiary of Malakoff Berhad. Wirazone Sdn Bhd is the licensed Electricity Distribution company in Kuala Lumpur Sentral and also sells chilled water within the development area.

**Head of Engineering,
Wirazone Sdn Bhd
2000 – 2005 (Malakoff)**

He was promoted to Assistant Manager in February 2000 and subsequently to Manager in March 2001. He was responsible for the technical side of Electricity Distribution System (EDS) and the Centralised Chilled Water Plant (CCWP) that involved engineering, plant and system operation & maintenance, procurement, inventory, project planning and execution. He has attended a MBA degree course from the International Islamic University Malaysia (IIUM) in 1997-2001*.

**Head of Company,
Wirazone/Malakoff Utilities
2006 – 2010 (Malakoff)**

He was made the Head of Wirazone Sdn Bhd (now known as Malakoff Utilities) in April 2006. Wirazone went into expansion phase where a sustainable and strategic plan was put in place. Wirazone was the strategic arm of the parent company, Malakoff Corporation Berhad, to venture into downstream utilities businesses, namely power distribution, tri and co-generation, distributed generation, multi-utility services, energy efficiency, district cooling system inclusive of technical support, operations and maintenance. The company has an annual revenue of around RM80mil (2010) and staff strength of about 35 personnel.

**Assistant Vice President,
Business Development
Jan 2011 – August 2011
(Malakoff)**

As part of his career development progress, he was reassigned to the parent company under the Ventures Division. He was in charge of the business development activity of the group covering the South-East Asia region. Malakoff Corporation Berhad is the leading Independent Producer in Malaysia and has presence in Saudi Arabia, Jordan, Oman, Kuwait and Algeria. It is also involved in water desalination and has put emphasis on green technology development as part of its future growth strategy. During this tenure, he was the leading man for business development of power plants within the ASEAN Region and was involved in liaison with regulators and partners such as Petronas Gas, Petronas Power and other oil and gas companies within the Malaysian Gas Association where Malakoff was a member. Ezham was the corporate representative for Malakoff in the Association.

**Director-Energy Services
Sep 2011 – Dec 2013
(Camco SEA Ltd)**

He made his move to take on a more challenging role and established himself in a newly formed company called Camco South East Asia Ltd (CSEAL), a joint venture company

between Camco Clean Energy plc (UK) and Khazanah Nasional Berhad. Camco UK develops and invests in clean energy projects and is a world leader in carbon management. CSEAL focuses on developing and investing in renewable energy generation such as biogas, biomass, solar, wind, hydro and has also capabilities in advisory and investing in energy efficiency, sustainability and carbon management.

Acting CEO/Chief Operating Officer

Jan 2014 – September 2017

(Cenergi SEA –

Khazanah Nasional Berhad)

After Khazanah Nasional Berhad took 100% ownership of CSEAL in July 2013, CSEAL was renamed to Cenergi SEA Sdn Bhd which saw Ezham getting promoted to a COO position and assumed a CEO/MD role. He put in place a new strategy and business execution plan to propel the company into the expansion and growth phase period. He developed several biogas power plants and expanded the power plant portfolio into other feedstock base such as biomass and MSW, other renewable energy base such as solar and mini hydro. He also established a sound Energy Efficiency division which is now paving the way forward for Energy Performance Contracting investment model in Malaysia. Cenergi SEA has a staff strength of 50 people at HQ and 50 people at site operations. Cenergi is growing at a rate of 20% per year and targeting for IPO listing by year 2021.

Head, Commercial & Operations

October 2017 – October 2021

(UiTM Energy & Facilities)

He decided to take on a fresh new challenge by joining the UiTM Holdings group to set up a new business sector within the group particularly in the Energy & Facilities Management. Smart Energy Solutions look at energy efficiency consumption and self-generation solutions for captive areas, targeting at sustainability of resources, low carbon emissions and cost savings. He was also involved in developing Large Scale Solar projects. Under his main portfolio, he managed 50 technical personnel in design & engineering, business development and execution, managing assets in operation including plant and equipment, facilities management and deployment. He also held the role of CEO for 3 subsidiary companies of UiTM Energy & Facilities 1) UiTM Solar Power Sdn Bhd 2) UiTM Solar Power Dua Sdn Bhd 3) GO Energy Sdn Bhd

**Senior Vice President 1
Energy Asset Development
Jentayu Sustainables Berhad
(Formerly known as Ipmuda Berhad)**

November 2021 – June 2023 Developed small hydro projects in Sabah ie Telekosang (40MW) and Project Oriole (170MW), overseeing EPCC job for 100MW solar PV plant under LSS3 program (Coara Marang) and other Renewable Energy and Clean Energy opportunities such as Biomass Power, Waste to Fuel, Waste Cold Energy Cooling, Energy Storage System, Fuel Cells, Hydrogen, Integrated Multi Utility Sustainable Energy Industrial Park etc.

**Head of New Energy/Deputy Project Director
Citaglobal Berhad**

June 2023 – present Delivering a Private Distribution License company ie Citaglobal Reneuco Energy Solutions Sdn Bhd (CREES) for the electrification of ECRL. A new task is to develop strategy and team capabilities to build renewable energy and clean energy assets for Citaglobal.

JOB SKILLS

During his career, he has developed many skills but not limited to the following:

- Business reorganization & restructuring
- Project & Business Development incl. financial modeling and financing
- Project Management and Negotiation
- Plant Operation & Maintenance
- Asset Management/Facilities Management
- Business Administration & Management
- Business Strategic Planning & Execution
- Human Capital Management & Development
- District Cooling System
- Combined Heat Power
- Safety, Heath & Environment
- Customer Relation Management
- ISO Quality Management System
- Power & Utilities Industry – Market Structure & Regulation
- Electrical Transmission & Distribution System, Smart Grid
- Power Generation, Renewable Energy, Green Technology – Market Development and Advisory
- Energy Management, Energy Efficiency & Sustainability (Low Carbon Emission)
- Presented papers and Expert Panelist on Renewable Energy and Energy Efficiency at local and international conferences such as IGEM, Astana World Expo, MPOB Biomass Conf, FMM Waste Mgmt

Conf, Melaka GreenTech Conf, Biogas Asia Pacific, ISES, UniSEL, UniKL

- Industrial Advisory Panel of Electrical Engineering Faculty for UniSEL, UniKL, UTPetronas and IIUM
- Industry Advisory Panel and Working Group for the development of National Occupational Skills Standard and Occupational Framework on Renewable Energy / Green Tech (Energy) Industry and Biogas & Biomass Power Plant Operation and Maintenance
- Masterclass Trainer for Energy Efficiency (Comfori)
- Mentor for Professional Engineer & Chartered Engineer applicants.

MAJOR PROJECTS INVOLVEMENT

- a. KL Sentral Electricity Distribution System (July 1999) - 60MW
- b. Plaza Sentral Chilled Water System (April 2001) - 7000RT capacity
- c. KL Sentral Electricity Distribution System expansion up to 100MW (2006)
- d. Jazan Economic City (JEC), Kingdom of Saudi Arabia (2008)
 - i. 380kV and 132kV Transmission Lines (19km) and Substation
 - ii. JEC's Master Plan for Electricity Transmission and Distribution network. JEC area is 108kmsq with a future capacity of around 2000MW power supply
 - iii. Assisted in the development of 5000MW power and water desalination plant for the city
 - iv. Development of District Cooling business within the commercial business district (50,000RT potential)
- e. Electricity Transmission and Distribution Audit for Business Plan Budgeting for Oman Power and Water (Salalah Region) (2008)
- f. KL Sentral District Cooling System expansion and conversion (add. 12000RT with Ice Storage System) (2010)
- g. Project bid for KLIA2 District Cooling Plant with Renewable Generation i.e. Biomass and SolarPV

- h. Project bid for Vietnam 1200MW IPP and Malaysia 1000MW IPP (2011)
- i. Sustainable Scoping Consultancy for Teluk Datai Resort and Malaysia Airlines (2012)
- j. Palong(Bahau) biogas power plant 2MW (2012)
- k. Energy Efficiency Project AEON Jusco (3 sites) – RM12mil (2013)
- l. GLT Energy 2 X 1MW biogas power plant (2015)
- m. IIUM Energy Efficiency – RM90mil (2016)
- n. SolarPV LSS1, 2 3 & 4 project bids (Malaysia)
- o. Seri Jelutong biogas power plant 1.5MW (2017)
- p. Pantai Remis biogas power plant 1.5MW (2017)
- q. LSS UiTM Solar Power project construction team 50MW & 25MW (2018)
- r. USAID Climate Economic Analysis for Development, Investment and Resilience (CEADIR) as Consultant for LSS2 Auction RE Survey project (2018) and International Renewable Energy Agency RENA study team (2016)
- s. Intec College and INTEKMA Resort facilities management and Solar Park 1 (50MW) and Solar Park 2 (25MW) plant operation and maintenance.
- t. UiTM Green Campus project – Investment in Energy Efficiency assets and Solar Roof Top assets for 34 sites (equivalent to 60MW solar capacity and RM150mil Energy Efficiency asset investment cost).
- u. 100MW Solar LSS3 EPCC scope in Marang (2022).
- v. Telekosang River Hydro Power (40MW), Maligan and Padas River Hydro Power (170MW)
- w. Currently developing sustainable utility business with smart energy solutions, gas co-generations/CHP project, solar PV, mini hydro, distributed generation, biomass and biogas power and distribution, waste to energy, utility scale energy storage, Virtual Power Plants and Energy Exchange.