

About GE

GE (NYSE:GE) drives the world forward by tackling its biggest challenges. By combining world-class engineering with software and analytics, GE helps the world work more efficiently, reliably, and safely. For more than 125 years, GE has invented the future of industry, and today it leads new paradigms in additive manufacturing, materials science, and data analytics. GE people are global, diverse and dedicated, operating with the highest integrity and passion to fulfill GE's mission and deliver for our customers. www.ge.com

GE in Malaysia

GE's footprint in Malaysia dates back to 1975 with a sales and service center. Today, GE has about 1,700 employees in the country and made over RM1 billion in investments which contributes to the nation's sustainable development and prosperity, investing in its future with advanced technology solutions and services as a trusted and committed local partner.

We work closely with local infrastructure providers, supplying equipment and services to organizations like TNB, PETRONAS and KTM. Our GE Healthcare division supplies private and public hospitals with the latest diagnostic imaging equipment and healthcare information systems, while our lighting division supports stadiums and ports.

At a Glance

Historical Footprint

GE 1975; Alstom 1969

Number of Employees

~1,700 Employees

Major Locations

- **GE ASEAN and Malaysia HQ:** Kuala Lumpur Sentral
- **Aircraft engine maintenance, repair and overhaul Center of Excellence (MRO):** GE Engine Services Malaysia (GEESM) in Subang Jaya
- **Perlis O&M Customer site:** Thermal Services
- **Hulu Terengganu:** Hydro electro-mech package
- **Tanjung Bin Power Site**
- **Manjung Power Site**
- **Kuala Langat Operation Support & Maintenance Customer Site:** Thermal Services
- **Lumut CCPP Customer Site:** Thermal Services
- **GE Power Branch Office:** Kuching, Sarawak
- **Power Services' Asia Pacific Tooling Centre:** Port Klang, Selangor

GE works on things that matter to Malaysia

GE Aviation

GE Aviation is a world-leading provider of jet and turboprop engines, components, integrated digital, avionics, electrical power and mechanical systems for commercial, military, business and general aviation aircraft. GE Aviation has a global service network to support these offerings and is part of the world's Digital Industrial Company with software-defined machines and solutions that are connected, responsive and predictive.

- GE Aviation's presence in Malaysia dates back to over 25 years ago when the national carrier, Malaysia Airlines, began using GE's engines for their A300 and DC10 aircrafts. Incorporated in 1997, GE Engine Services Malaysia partnered with Malaysia Airlines to establish a Center of Excellence for CFM56 engines. Today, the 21-year old engine maintenance, repair and overhaul facility in Subang serves over 40 airlines globally and is proud to have a staff of more than 300 local technicians as part of GE's commitment to developing the country and its talents.
- As one of the largest single firm aircraft orders in aviation history, AirAsia in 2011 selected CFM International's advanced LEAP engine to power 200 Airbus A320neo aircraft. To support the new LEAP-powered A320neo fleet, AirAsia has signed a 20-year service agreement with CFM to provide comprehensive engine maintenance service.
- In 2012, together with AirAsia and the Dept. of Civil Aviation, GE announced a collaboration to deploy the Malaysia's first network of ICAO Required Navigation Performance Authorization Required (RNP AR) flight paths. The program, which includes GE-designed ICAO 9905 compliant RNP AR approach paths, will be implemented at 15 Malaysian airports. The collaboration will improve operating efficiencies for AirAsia by reducing track miles and fuel burn while also providing aircraft with precise lateral and vertical arrival and missed approach guidance. The program has been rolled-out at all airports in Malaysia.
- In 2013, AirAsia placed a \$8.6 billion order for additional CFM LEAP-1A engines and CFM56-5B engines to power 100 Airbus A320 aircraft together with a long-term service agreement to support the fleet.
- In July 2016, AirAsia announced a \$2.7 billion order of an additional 200 CFM LEAP-1A engines to power its 100 new Airbus A320neo. In September of that year, AirAsia became the first Southeast Asian airline to take delivery of the LEAP-1A-powered A320neo.
- In September 2016, Malaysia Airlines Berhad (MAB) signed a Memorandum of Agreement with CFM International for the purchase of LEAP-1B engines to power 25 Boeing 737 MAX planes, as well as a long-term service agreement for its CFM56-7B engines.
- In February 2018, AirAsia and GE Aviation signed a four-year agreement for GE to provide the electronic Flight Operations Quality Assurance (eFOQA) and the FlightPulse pilot application for AirAsia's fleet of about 355 A320 and A330 aircraft and 4,000 pilots.
- In September 2018, GE Aviation announced a US\$80 million investment in GE Engine Services Malaysia (GEESM), to upgrade the MRO facility to LEAP capabilities.

GE Transportation

GE Transportation is the global digital industrial leader and supplier to the rail, mining, marine, stationary power and drilling industries. We help customers deliver goods and services with faster speeds and greater savings, to keep our connected world moving forward.

- In Malaysia, Keretapi Tanah Melayu Berhad outsourced its Blue Tiger locomotive fleet maintenance to GE and its partner, SMH Rail, through a long-term maintenance service engagement, giving the national rail operator the benefits of predictable costs, extended fleet life, and round-the-clock support to 20 locomotives on the Peninsula.

Baker Hughes a GE Company (BHGE)

Baker Hughes, a GE company is the world's first and only fullstream provider of integrated oilfield products, services and digital solutions. We deploy minds and machines to enhance customer productivity, safety and environmental stewardship, while minimizing costs and risks at every step of the energy value chain. With operations in over 120 countries, we infuse over a century of experience with the spirit of a startup – inventing smarter ways to bring energy to the world.

- GE completed its buyout of Baker Hughes Inc. in July 2017, merging it with its own oil and gas equipment and services operations to create the world's second-largest oilfield service provider by revenue. The new company, Baker Hughes, a GE company, has begun trading in July on the New York Stock Exchange under the stock ticker "BHGE."
- SapuraKencana GE Oil & Gas Services Sdn Bhd (SKGE), a joint venture between SapuraKencana Petroleum Berhad and GE Oil & Gas was awarded a Long Term Service Agreement by PETRONAS

Floating LNG1 (L) Ltd. to provide maintenance services for PETRONAS' two upcoming floating LNG vessels.

- Under the agreement, SKGE will provide PETRONAS with complete maintenance services for their fleet of ten PGT25+G4 and two LM6000 gas turbines as well as their fleet of GE compressors, generators and electric motors to be installed on their floating LNG vessels. These maintenance activities will be fully supported by the joint venture's growing pool of local qualified field service engineers and diagnostic experts.
- GE has been a partner in Malaysia's energy sector development since the 1970s, where we are committed to providing technology leadership, service excellence, and skills development to support Malaysia's oil and gas production goals. Malaysia is GE's global hub for turbomachinery and global services, as well as Asia Pacific headquarters for its Oil & Gas business.
- In 2012, GE secured a contract with PETRONAS, Malaysia's NOC (National Oil Company), to provide advanced turbo compression technology for its Liquefied National Gas Train 9 project in Bintulu, Sarawak – the first of its kind in the world.
- GE also supplies gas turbine-driven compressor train technology to PETRONAS for a floating liquefied natural gas facility that is being developed off the coast of Malaysia. Work on the facility has begun and is scheduled to be completed in the next 5 years (by 2019). The project is an extension of GE's strong collaboration with PETRONAS as a result of a global frame agreement, under which GE is selected to supply a range of gas turbines and compressors for PETRONAS' projects worldwide.
- Following the success of the first Global Frame Agreement (GFA) signed in 2009, GE and PETRONAS signed a new 7-year Global Frame Agreement in 2014, with an option to renew for another three years. In the signing ceremony, PETRONAS also awarded a long-term service contract to SapureKencana GE Oil & Gas Services Sdn Bhd, a joint venture (JV) company created by GE with SapuraKencana Berhad for the maintenance of GE turbomachinery. The formation of the JV underscores SapuraKencana and GE's ongoing commitment to building local service capabilities and to develop and train the next generation of engineering and service experts in Malaysia.
- GE's Industrial internet solution came to life in Malaysia with the iCenter which was established here in Kuala Lumpur in 2014. It is one of three such centres around the world that monitors over 1,100 turbomachinery assets in 27 countries across the world. Through the use of analytics on Big Data, we have been able to alert our customers to issues even before they know about it, help fix the problem where possible or take immediate action to alert our customers to take remedial actions; thus, improving operational efficiency and reducing unplanned downtimes, delivering savings to our customers.

GE Power

GE Power is a world energy leader providing equipment, solutions and services across the energy value chain from generation to consumption. Operating in more than 180 countries, our technology produces a third of the world's electricity, equips 90 percent of power transmission utilities worldwide, and our software manages more than forty percent of the world's energy. Through relentless innovation and continuous partnership with our customers, we are developing the energy technologies of the future and improving the power networks we depend on today.

- With the largest base of installed gas turbines in Malaysia, GE has grown hand-in-hand with the country's power development needs. GE's relationship with Malaysia's national utility, Tenaga Nasional Berhad (TNB), dates back to 1984 when we first provided our gas turbine technology for the country's first combined cycle power plant.
- In 2011, GE was selected to supply three Frame 6FA gas turbines, associated generators and services for the 300-megawatt combined cycle gas-fired power plant project in Sabah, Malaysia. Using natural gas as its primary fuel, the new plant will reinforce Sabah's energy infrastructure and help the State meet its growing electricity demand, which is increasing by more than 7% annually.
- In 2012, GE and TNB Repair and Maintenance (TNB REMACO), a subsidiary of TNB, signed a Technology Transfer Agreement for GE to transfer repair technology for gas turbines to support the repair center in Klang, Selangor. The signing marks the extension of an agreement that was

first inked with TNB REMACO in 1995 for the transfer of repair technology for components of GE's Frame 5, Frame 6B and Frame 9E gas turbines. Under the agreement, GE provided technical support, training and consultation. GE's support was instrumental in helping TNB REMACO establish its first repair and maintenance center in Malaysia.

- Tenaga Nasional Bhd's (TNB) 1,000 MW ultra-supercritical coal-fired power plant dubbed as Manjung 4 was powered up in April 2015, a joint project that was built by GE and its consortium partner China National Machinery Import and Export Corp. It has received awards from Asian Power and International Project Management Association for its world class EPC capabilities delivering on both power and environmental commitment.
- In March 2016, GE announced that Malakoff Corporation Berhad's (Malakoff) 1,000-megawatt (MW) Tanjung Bin Energy Power Plant (T4) has entered commercial operation on schedule. In a contract worth globally over €1 billion, GE's Steam Power Systems, together with its consortium partners Mudajaya and Shin Eversendai, has executed the engineering, procurement and construction agreement for the plant. The ultra-supercritical, coal-fired power plant, which commenced construction in March 2012, was completed on schedule in four years. It also received the Gold Award from Asian Power 2016 for EPC of the year. As of 2018, the Manjung 4 plant and the T4 plant are the only ultra-supercritical (USC) plants situated in ASEAN.
- Sarawak Energy Bhd (SEB) is collaborating with GE and Sinohydro to construct a 400MW Combined Cycle Gas Turbine (CCGT) Block at Tanjung Kidurong, Bintulu in Sarawak. GE will lead as the engineering, procurement and construction (EPC) contractor. GE also signed a long-term service agreement to provide operation and maintenance services and support for the power plant over an eight-year term based on the power plant's requirements. Construction commenced in November 2016 and is expected to be completed by the middle of 2019.
- In December 2016, GE's Power Services launched the Remote Monitoring and Diagnostics Centre (M&D) in Kuala Lumpur, Malaysia. More than 200 gas and steam turbines, boilers and generators in over 70 power plants across 10 countries gained access to remote monitoring and diagnostics services that help increase plant performance through data analytics. The new M&D Centre is Power Services' first-of-its-kind facility in the Asia Pacific region and is the latest addition to GE's Power Services global network of M&D Centres.
- In March 2017, GE's Power Services business launched its first dedicated Asia Pacific Tooling Centre in Port Klang, Malaysia. The new centralized Tooling Centre will serve more than 300 cross-fleet power generation assets in over 10 countries across Asia Pacific, offering customers more rapid services. The facility expects to offer up to 50 percent improved tooling request response time, increasing reliability in power plant outage management.
- SPR Energy Sdn Bhd (SPR Energy) announced a collaboration with GE's Power Services to provide comprehensive operations and maintenance at the Kimanis, Sabah combined-cycle power plant for the next 18 years. The multi-year agreement includes GE's first implementation of its Asset Performance Management (APM) software solution in the ASEAN region.
- In October 2017, GE announced that Dana Engineering, GE's channel partner for Jenbacher gas engines, will provide six Jenbacher Type 4 gas engines to Concord Green Energy Sdn Bhd for its biogas projects to generate electricity from palm oil effluent discharged by Federal Land Development Authority (FELDA) palm oil mills. This waste-to-energy project will generate 5.6MW of power across four FELDA mills.
- In 2017, GE Power expanded its services by integrating its energy connections business which offers a full range of electrical capabilities in power distribution and conversion equipment.
- In March 2018, GE's Power Services business signed a multiyear agreement with Southern Power Generation Sdn Bhd for its new Track 4A plant, a 1,440-megawatt combined-cycle power plant in Pasir Gudang, Johor. Under the terms of the 21-year agreement, GE will provide services solutions for first two GE 9HA.02 gas turbines to be installed in the country and deploy its Predix Asset Performance Management (APM) software to help improve asset visibility, reliability and availability of SPG's plant, contributing to long term energy security need in the country.

GE Healthcare

GE Healthcare is the \$19 billion healthcare business of GE. As a leading provider of medical imaging, monitoring, biomanufacturing, and cell and gene therapy technologies, GE Healthcare enables precision

health in diagnostics, therapeutics and monitoring through intelligent devices, data analytics, applications and services. With over 100 years of experience in the healthcare industry and more than 50,000 employees globally, the company helps improve outcomes more efficiently for patients, healthcare providers, researchers and life sciences companies around the world.

We invest in people

GE's community efforts in Malaysia are driven by a vibrant citizenship movement. GE received in 2011 the Prime Minister's CSR Award for three categories: 1) Best workplace practice, 2) Empowerment of Women, and 3) Overall Champion for CSR. Key to this success was leadership involvement in championing differentiated efforts that creates impact not just to the company but also the country.

Employee Training: Globally, GE invests \$1 billion each year on training and education, making us the world's best company for leaders in 2015. GE offers numerous development, training and leadership programs to its employees across the region. These opportunities include our Commercial Leadership Program, Financial Management Program, GE Engineering Management Program, internships for undergraduate and graduate students, and technical and soft skill training for businesses personnel.

GE Volunteers Network: GE Volunteers facilitates and supports volunteering activities that improve life and meet critical needs in the communities where GE people live and work around the world. These activities are carried out through a wide range of projects in the areas of health, education, the environment, and community-building. GE Volunteers Malaysia reaches out to local communities and partners organizations to bring about the greatest impact our employees can give. We've collaborated with EPIC Homes, The Malaysian Nature Society, The Edge's Money & Me Foundation, and we are a long-standing sponsor of Junior Achievement's Young Enterprise Program in Malaysia. From teaching, to planting trees and to building homes, our Volunteers are always ready to lend a helping hand.

GE Women's Network: The Women's Network in Malaysia is driven by more than 120-strong members. It endeavors to increase the visibility of opportunities for women employees by providing leadership and career development through information-sharing, education and networking. In 2011, GE together with Talent Corporation, Ministry of Women, Family and Community Development as well as other leading MNCs, established the "Women's Talent Forum", a national focus group which aims to address the issue of women participation and retention in the workforce. In May 2012, the Women's Talent Forum organized a workshop on "Workplace Innovations - Cultivating Women Talent" to engage leaders from the private sector to brainstorm solutions to address such issue.

GE Foundation: GE is a partner of Teach for Malaysia, an independent, non-profit organization that enlists Malaysia's most promising future leaders to support the nation's mission to end education inequality. The Teach for Malaysia Fellowship is a two-year, full-time and fully-paid leadership development program modeled after the Teach for America initiative.

Contact Information:

GE Malaysia

Level 38, NU Tower 2,
No 203, Jalan Tun Sambanthan,
Kuala Lumpur Sentral,
50470 Kuala Lumpur, Malaysia

Theresa Lim

Communication Leader
GE Singapore, Malaysia and Brunei
+65 9298 5219
theresa.lim@ge.com
www.ge.com/my