

About GE

GE (NYSE: GE) is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. GE is organized around a global exchange of knowledge, the "GE Store," through which each business shares and accesses the same technology, markets, structure and intellect. Each invention further fuels innovation and application across our industrial sectors. With people, services, technology and scale, GE delivers better outcomes for customers by speaking the language of industry.

GE in Thailand

GE has had a presence in Thailand since 1900 when it began selling bulbs. Today, GE is one of Thailand's largest foreign players in the infrastructure business, which include energy, aviation, healthcare, and transportation. We are committed to providing solutions that will help improve living standards across the country, and drive continuous growth as we take on new, emerging challenges.

At a Glance

Number of Employees

1,060+

GE works on things that matter to Thailand

GE Power

GE Power is a world leader in power generation with deep domain expertise to help customers deliver electricity from a wide spectrum of fuel sources. GE Power is transforming the electricity industry with the digital power plant, the world's largest and most efficient gas turbine, full balance of plant, upgrade and service solutions, as well as our data-leveraging software. Our innovative technologies and digital offerings help make power more affordable, reliable, accessible and sustainable.

- Currently, more than 30% of electricity generated in the country (around 41,000 MW) are from GE's installed base of power generation equipment. GE continues to support customers with solutions to improve efficiencies, and productivity, and reduce costs and emissions.
- Thailand's leading state-owned power utility and largest power producer, Electricity Generating Authority of Thailand (EGAT) uses GE's combine cycle power advanced technology at its North Bangkok Power Plant Block 2 officially opened in June 2016.
- In 2016, GE Thailand signed a deal with EGAT on a project to digitize the power grid.
- In 2016, GE signed a 12-year contractual services agreement with BangPa-In Cogeneration for the maintenance of two GE's LM6000-PD gas turbine for phase 2.
- In 2015, GE Renewable Energy signed a contract with Khao Kor Wind Power Co., Ltd., (KWP) to supply wind turbines for the Khao Kor wind farm in Petchaboon province. The 60 MW project has supplied power to the northern part of the country, generating enough equivalent energy to power approximately 36,000 Thai households for a year.
- In 2014, GE signed a 12-year contractual service agreement with Thailand's Ratchaburi World Cogeneration Company, Limited (RWC) for the planned maintenance of four GE's LM6000-PD aero derivative gas turbines.

- Also in 2014, GE signed the Turbine Supply Agreement (TSA) and the Full Service Agreement (FSA) for Watabak wind power project in Chaiyaphum Province with Wind Energy Holdings. GE installed 30 units of GE2.5-120 at 120m hub height with installed power capacity of 60MW.
- The Mae Moh Units 4-8 replacement project awarded in 2014 (with consortium partner, Marubeni Corporation) is the first lignite-fired power plant in Asia operating with ultra-supercritical conditions.
- The 365MW Bo Win, 760MW Kaeng Khoi II and 350MW Bang Bo Power Combined Cycle Power Plants are significant references that feature GE's power generation technologies.
- 10-year Operations & Maintenance (O&M) contract for Bang Bo Power Plant.
- Long-Term Service Agreement and Long-Term Parts Agreement for Kaeng Khoi II Power Plant.
- Grid Solutions - Delivering equipment, turnkey solutions and services to Thailand's energy infrastructure since 1993 with major references in SCADA/Energy Management System (EMS) / Distribution Management Systems (DMS) and full HV Turnkey Substations already in commercial operation. In 2008, Grid Solutions have also succeeded in supplying a 500kV Power Transformers from China for EGAT's On-Nuch Substation.
- Power Conversion - Since 2013, GE has helped power about 60% of the Steam Turbine Generators for Small Power Plant (SPP) projects in Thailand including key customers such as Gulf and Thai Oil to achieve cost savings and energy efficiency.
- In 2017, GE Power has expanded its services by integrating its energy connections business which offers a full range of electrical capabilities in power distribution and conversion.
- GE Renewable Energy and GE Power will provide 270 MW of wind energy capacity to Wind Energy Holding for the Theparak Wind Farm in Central Thailand expected to be operational in late 2018. GE Renewable Energy will provide ninety 3.0-137 wind turbines with 156.5m hybrid towers, while GE Power will supply the wind turbine's electric drive train and will also supply the interconnection substation packages for the wind farm.
- GE will provide two 9HA gas turbines to power the Bang Pakong Combined Cycle Power Plant (owned and run by EGAT). When completed in mid-2020, the plant will deliver more than 1,400MW to the national grid – enough equivalent electricity to supply 2m average Thai homes.

GE Digital

GE Digital is the leading software company for the Industrial Internet, reimagining industry's infrastructure by connecting software, apps and analytics to industrial businesses. Powered by Predix, GE Digital creates software to design, build, operate, and manage the entire asset lifecycle—enabling industrial businesses to operate faster, smarter and more efficiently.

- SCG Chemical and GE Digital signed an MoU in late 2017 to share expertise, solutions, and manpower to develop digital solutions for potential use in the petrochemical sector.

GE Aviation

GE Aviation is a world-leading provider of commercial, military and business and general aviation jet and turboprop engines and components as well as avionics, electrical power and mechanical systems for aircraft with a global service network to support these offerings.

- Thai Airways International has logged more than 5,166 million miles flown from more than 350 GE engines over the past 40 years. GE engines are used on multiple aircraft; these engines set a standard for reliability and durability that has proven to be very valuable to the airline and its customer. Thai operates CF6-80C2 engines on fourteen Boeing 747-400 and also flies GE90 engines on eleven Boeing 777-300ER and CFM56-3 engines on five Boeing 737-400.
- In 2015, the legacy continues with a 12-year OnPoint solution agreement for the maintenance, repair and overhaul of GE90 engines powering 14 Boeing 777-300ER; while many of CFM engines power Thailand-based local carriers including Thai AirAsia, Nok Air, and Thai Lion Air.

GE Transportation

GE Transportation is a global digital industrial leader and supplier to the rail, mining, marine, stationary power and drilling industries. Our solutions help customers deliver goods and services with greater speed and savings using our advanced manufacturing techniques, industry expertise and connected machines.

- Since 1963, the State Railway of Thailand has been connecting Thailand with 88 GE locomotives. To date, 60 locomotives or more than 40% of SRT's fleet are still transporting millions of Thais and tons of freights across adjacent countries like Malaysia. In 2015, GE Transportation marked the 50th anniversary of GE-K locomotives in Thailand.

GE Healthcare

GE Healthcare provides transformational medical technologies and services that are shaping a new age in patient care. Playing a vital role in the healthcare industry in Thailand, GE has more than 2,500 units of diagnostic imaging medical equipment installed in more than 600 Thai hospitals.

- 2016 - GE Healthcare signed an agreement with Bumrungrad Hospital to supply the first ever MRI 3.0 Tesla model in Thailand.
- 2018 - GE Healthcare announced a deal to supply the Revolution CT-512 slices scanner and MRI 3T Architect – the first of its kind in Thailand – to Siriraj Hospital.
- 2018 - GE Healthcare announced a deal to supply the 128 Revolution EVO CT, SIGNA Explorer 1.5T MRI, and other products to ADDLIFE Clinic.
- 2018 – GE Healthcare and Siriraj Hospital announced a research MoU that will see Siriraj contribute Thai-specific patient data to the global medical research project.

Baker Hughes, a GE company

BHGE is one of the world's leading equipment and oil field services providers in the oil and gas space offering capabilities across the entire value chain - from oil and gas drilling equipment and subsea systems, to turbomachinery solutions and downstream processing.

- 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."
- GE Oil and Gas and PTT Group (Thailand's State Enterprise for oil & gas and petrochemical) have played integral roles in the Thailand Oil & Gas industry during the past 30 years. With PTT's subsidiary company, PTTEP, GE has an installed base of five centrifugal compressors at the two major oil field arteries in Thailand, namely Greater Bongkot North and Greater Bongkot South, contributing to Thailand's industries and economies during the last three decades.
- PTT Utility relies on a 13-year contractual service agreement (CSA) to ensure its power plant in Rayong province runs optimally. The CSA with GE includes guarantees on power output efficiency and reliability for gas turbines generating more than 300 MW of power, which is enough electricity for more than 15 petrochemical plants.

We value partnerships

Partner for Talent and Leadership Development:

- More than 300 customers and government officials have attended training programs at GE's Crotonville facility.
- In 2014, GE entered into a long-term collaborative agreement with PTT Group on talent development program - more than 100 PTTG employees have attended leadership and skill development programs at Crotonville and the GE Oil & Gas Campus.

We invest in people

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.

GE Foundation: Since 1998, GE Foundation has granted scholarships to more than 160 Thai students in seven fields of study: Accounting, Computer Science, Chemistry, Economics, and Engineering (mechanical, chemical, environmental, computer, electrical and telecommunications), Environment and Mathematics/Physics. Between 2008-2016, GE provided \$488,000 for scholarship grants.

GE Foundation funding (5K) supported the 2015-16 "JA Be Entrepreneurial" program which helps 10th & 11th grade students start entrepreneurial projects.

Since 2015, GE Foundation has donated \$147,200 to help vulnerable young women in northern Thailand. GE Foundation in partnership with Plan International and Hill Area and Community Development Foundation has provided training courses in empowering 90 vulnerable young women with basic life skills, health education, vocational and entrepreneurial skills. The aim is to prevent early marriage, unwanted pregnancies, and human trafficking.

GE Volunteers Network: The Volunteers Council in Thailand has also been active in finding ways to serve to the community through myriad of volunteer efforts. In 2017, GE Volunteers devoted over 2,000 man-hours.

GE Women's Network: Created to accelerate the advancement of women working at GE by sharing information, best practices, education, and experience, the Women's Network hub in Thailand has been organizing activities each year to strengthen this mission.

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