JFE Engineering Corporation

Overview

Pioneering Company Leveraging Timely Engineering Technologies

JFE Engineering supports industry, and indeed broader society, through its engineering business. The company’s outstanding track record includes its timely development of cutting-edge technologies for systems targeting natural gas and energy generation employing waste and sewage sludge. In recent years, JFE Engineering has engaged in a number of construction projects for renewable energy generation, including biomass, photovoltaic and geothermal power plants. It has also brought its superior technological capabilities to bear in the construction of transportation, distribution and water sewerage infrastructure that is supporting economic growth in countries worldwide. Going forward, JFE Engineering will remain committed to providing optimal solutions that meet societal needs for crucial underpinnings of daily life.

President & CEO  Hisanori Kanou

Overview

Solutions Encompassing Diverse Engineering, from Planning to Operations

Engineering companies are being expected to play ever-broader roles in industry and society. In addition to conventional facility construction projects, JFE Engineering provides integrated solutions that encompass both planning and operations. Solutions for urban and marine environments can be managed under private finance initiative (PFI) or design-build-operate (DBO) frameworks. In either case, comprehensive proposals cover project flow, layout and equipment specifications based on the client’s requirements (performance order) and operations and maintenance plans.

One-stop Engineering Service to Generate New Energy

Following the introduction of feed-in tariff (FIT) schemes under Japan’s Renewable Electric Energy Act, biomass, photovoltaic and geothermal power plants are expected to become a promising next-generation energy source for the nation. JFE Engineering expects to handle a range of engineering projects associated with such plants, including the provision of one-stop services encompassing business planning and facility design, construction and operation.

One-stop Services and Operations

Stepping Up Global Expansion by Reinforcing Local Workforces

JFE Engineering is expanding its global business networks by actively engaging local personnel in all facets of the business, including sales, design and manufacturing. In Germany, JFE Engineering acquired Standardkessel Power Systems Holding GmbH (SPSH), a plant engineering company specializing in environment and energy, and established new bases for sales and design in Indonesia and India through M&A. Going forward, the company will transfer technological expertise to enable these bases to provide high-quality, cost-effective engineering services, thereby ensuring continued growth overseas.

Global Business Network

Renewable energy power plants constructed and/or run by JFE Engineering

One-stop Engineering Service to Generate New Energy

Stepping Up Global Expansion by Reinforcing Local Workforces

JFE Engineering has operated a waste-fuel gas power generation center on a PFI basis for Nagaoka City since fiscal 2013.

Renewable energy power plants constructed and/or run by JFE Engineering

JFE Engineering has signed a share acquisition agreement with SPSH.

TODAY

JFE Group
Solar Power Plant Completed in Shizuoka City
JFE Engineering completed its Niho Solar Power plant at the former site of its Steinzo Steel mill. The JFE Group has constructed photovoltaic power plants at more than 80 locations nationwide, amounting to a combined maximum output of approximately 200MW. The Group operates eight of those plants, generating approximately 400MW of renewable energy.

Order Received for Toyama-shinko Port LNG Supply Facilities
JFE Engineering received an order for the construction of LNG storage and regasification facilities in Toyama-shinko Port, Toyama Prefecture. The project will be the world’s largest LNG regasification facility, accommodating the world’s largest container ships. Its design includes advanced seismic isolation capable of enduring a major tremor equivalent to that of the powerful Great Kanto Earthquake of 1923.

Industrial Waste Incineration Plant Completed in Malaysia
This new facility, constructed for a joint venture between Vitramon GmbH, Germany’s largest waste treatment company, and the Malaysian state of Sarawak, will treat industrial waste from hospitals and oil refineries in East Malaysia.

Order Received for Expansion of Minami-Nagaoka Gas Field Facilities
JFE Engineering will install compressors, and other equipment in natural gas refineries and treatment facilities to raise yields from gas wells, thereby increasing recoverable reserves by approximately 20% and extending the field’s production period by about 20 years.

President Hisanori Kanou Accompanies Japan’s Prime Minister to Bangladesh
Mr. Kanou joined an official economic mission to engage in discussions with government officials and business leaders in Bangladesh.

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A Good Design Award was presented in recognition of the outstanding functionality and beauty of the Cycle Station Tokyo, a structure featuring JFE Engineering’s Cycle Tree Bicycle Parking System, which was completed in front of East Japan Railway’s Tokyo Station.

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Steel Structure Component Facility in Tomakomai City
Sided for Expansion
After inaugurating production in April 2014, AIBM Steel Solutions received orders that raised production to the plant’s maximum annual capacity of 10,000 tons, prompting the decision to expand its facilities in the foreseeable future.

Remote Operational Support for Waste-to- Energy Plants Nationwide
Having established a Remote Service Center at its Yokohama Head Office, JFE Engineering rollout the JFE Hyper Remote System to provide operational support in the form of around-the-clock centralized monitoring and management of waste-to-energy plants throughout Japan.

Internship Program for University Students from Southeast Asia
The program, now in its second year, develops personnel who are expected to play crucial roles in leading economic development in their respective countries. So far, the program has welcomed 20 students from four countries.

Commericalizing the Biomass Power Generation Business
JFE Engineering established Green Energy Fu Corporation on the premises of its Tsu Works as a joint venture with Development Bank of Japan Inc. and four other companies to launch a commercial biomass power generation business.

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Japan’s Largest-ever Container Crane Completed
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