



ENERGY PROJECTS
CONFERENCE & EXPO

NA 2025

8 EPC Firms to
Watch in 2025



The value of engineering, procurement and construction (EPC) contractors looks set to grow with a new U.S. administration aiming to foster major energy project development.

And the scope of such projects is widening as asset owners expand beyond the traditional fields of liquified natural gas (LNG) export, midstream, petrochemicals and refining into areas such as hydrogen, ammonia and sustainable aviation fuel.

In the run-up to the Energy Projects Conference & Expo NA 2025, here are 8 of the EPCs best placed to work on these schemes.



Bechtel



In August 2024, Reston, Virginia-based Bechtel celebrated a multibillion-dollar contract with NextDecade to provide the fourth train for one of the largest LNG export projects in Texas, adding to a portfolio of more than 25,000 projects across 160 countries.

Bechtel is one of few EPCs still taking lump sum turnkey work and is angling for a position in low-carbon hydrogen and ammonia markets by touting carbon capture projects in the U.S. and Europe.

Project Showcase

Rio Grande LNG: A low-carbon natural gas and export terminal situated on a 984-acre site on the banks of the Brownsville ship channel, the first phase of this project consists of three liquefaction trains, two storage tanks and one marine berth. Owner NextDecade Corporation contracted Bechtel for [a fourth train](#) in August 2024.

Sabine Pass liquefaction project: Sabine Pass is a 1,000-plus-acre plant with six liquefaction units and a capacity of around 30 million metric tons per year. A sixth train and third berth were completed in 2022 ahead of schedule and within budget with a financial investment decision (FID) on a new stage expected in 2026.

Port Arthur LNG Phase 2: Bechtel has been building the first phase of an LNG project in Texas and in July 2024 owner Sempra Infrastructure selected the contractor to develop a second phase under a fixed-price EPC contract. The first train of the project is slated for start-up in 2027.

Black & Veatch



Employee-owned Black & Veatch is aiming to remain at the forefront of liquefaction technology with a tie-up announced in November 2024.

The company announced an LNG technology partnership with Baker Hughes that will see the latter's LM9000 gas turbine and compression equipment being tied to Black & Veatch's proprietary Poly Refrigerated Integrated Cycle (PRICO) liquefaction technology.

Project Showcase

Ksi Lisims LNG: Black & Veatch is working with Samsung Heavy Industries on the floating LNG units to be used at this 12 million-tonnes-per-year production facility proposed for Pearse Island in British Columbia. Both companies had previously completed a front-end engineering design (FEED) project.

Cedar LNG's floating liquefaction facility: April 2024 saw Cedar LNG LP partners picking Black & Veatch to work on Canada's first floating liquefaction facility, in Kitimat, British Columbia. Black & Veatch is responsible for complete topside design and equipment supply.

Golar floating LNG: Black & Veatch confirmed in September 2024 that it is providing its PRICO technology for a floating LNG vessel being built for Bermuda-based Golar by shipmaker CIMC Raffles.

Burns & McDonnell



Burns & McDonnell is gunning for growth. Besides expanding its presence in California, in November 2024 the company appointed Karen Bray as general manager for its south central region, leading a workforce of more than 900 in Houston, Austin, and Oklahoma City.

The announcements prove the 100% employee-owned business is as fit as at any point since it was founded in 1898. It now has more than 75 offices worldwide, designing and building critical infrastructure in gas, LNG, midstream, and oil sectors.

Fluor Corporation



Irving, Texas-based Fortune 500 company, Fluor, continues to rate highly in the LNG EPC world, with projects such as its LNG Canada export facility work demonstrating why it has been selected for engineering, procurement, and construction services for more than a century.

Historically, the company has been involved in some of the world's largest and most complex projects, including the Hoover Dam and Trans-Alaska Pipeline.

Project Showcase

Great Falls diesel reconfiguration project:

Calumet Specialty Products Partners of Indiana hired Burns & McDonnell in 2022 to reconfigure a hydrocracker and produce 12,000 barrels a day of renewable diesel, with plans for renewable hydrogen and aviation fuel production.

Golden Triangle Polymers:

Through its BMZ Third Coast Partners joint venture with Zachry Group, Burns & McDonnell is participating in a \$8.5 billion integrated polymers complex being built by Chevron Phillips Chemical Co. and QatarEnergy in Orange, Texas.

Sustainable aviation fuel biorefinery:

LanzaJet picked Burns & McDonnell plus Zeton in 2021 to build an alcohol-to-jet biorefinery in Soperton, Georgia. Burns & McDonnell provided the engineering design for the utilities and infrastructure at the site.

Project Showcase

LNG Canada export facility: In July 2024, Fluor completed the final weld on the first production train at an LNG Canada plant in Kitimat, British Columbia, as part of the largest energy investment in Canadian history. A Fluor joint venture with JGC Corporation is providing EPC and fabrication for the project.

Altamira Fast LNG: Fluor is taking care of engineering, procurement, and fabrication management for a modular floating LNG project owned by New Fortress Energy in Altamira, Mexico. One unit started up in July 2024 and a second is slated to begin operating in 2026.

Dow net-zero ethylene cracker: In December 2023, Fluor was awarded two contracts from Dow for the construction of the world's first net zero (for Scope 1 and 2 emissions) integrated ethylene cracker and derivatives complex in Fort Saskatchewan, Alberta, Canada.

Kiewit Corporation



One of just a couple of U.S. EPCs that still act as full-scope contractors without major subcontracting or joint venture partners, employee-owned Kiewit had 2023 revenues of \$17.1 billion and is active on a range of North American LNG export projects.

With more than 31,000 staff and craft employees, the company operates in the U.S., Canada, and Mexico offering construction and engineering services in the transportation, power, oil, gas, chemicals, building, industrial, marine, mining, water, and wastewater markets.

McDermott International



From sustainable fuels in the U.K. to diesel tank replacements in Australia and LNG containment work in Oman, Houston-based McDermott is busy with a range of energy projects in the more than 54 countries in which it operates.

Alongside LNG and refining EPC work, the company has a growing presence in clean hydrogen and ammonia markets, bagging an early contractor involvement agreement for Abraxas Power's Exploits Valley Renewable Energy Corporation green hydrogen plant in 2024.

Project Showcase

Calcasieu Pass LNG: Kiewit has deployed modular liquefaction technology at a Southern Louisiana export plant with a planned capacity of 10.7 million tons per year. The greenfield site, owned by Venture Global LNG, has been operating since 2022 on a pre-commercial basis.

Texas LNG Brownsville: Kiewit was selected in November 2024 to lead the EPC work for an export terminal with 4 million metric tons a year of capacity, within a lump-sum turnkey contract, as well as completing pre-final investment decision engineering.

Gulfstream LNG: Houston-based Gulfstream engaged Kiewit to help develop an EPC model during the front-end engineering and design phase of its proposed 500-acre, 1.4 million-tons-per-year LNG terminal in Plaquemines Parish, Louisiana.

Project Showcase

Golden Pass LNG: Golden Pass Products, a joint venture between Qatar Petroleum and ExxonMobil, picked McDermott in partnership with Chiyoda and Zachry to carry out EPC work for an LNG liquefaction and export plant with 16 million tons of capacity a year. Zachry exited the project in July 2024.

Woodfibre LNG: McDermott is the EPC for what is billed as the world's first net zero LNG export facility, under construction in Squamish, British Columbia. The 18-module project, owned by Pacific Energy and Enbridge, is slated to see startup in 2027 and will be powered with hydroelectricity.

G2 Net-Zero: In January 2022 McDermott was awarded the front-end engineering design work for a Louisiana-based energy complex that will create low-carbon hydrogen and ammonia.

Technip Energies



Paris, France-listed Technip Energies, established in 2021 as a spinoff from TechnipFMC, is one of several EPCs looking to limit U.S. construction liabilities, meaning that it tends to partner with third parties for U.S.-based work.

Recent company developments have included the launch—with Alterra and Neste—of standardized chemical recycling plants and advances, alongside Enerkem, in sustainable fuels based on waste.

Worley



With 49,700 people in 45 countries, Australian engineering and professional services firm Worley is betting big on sustainable change. In 2021, it announced an aspiration of deriving 75% of revenues from sustainability-related projects by 2026, up from 52% at present.

Alongside activity in North America, the company is pushing forward with projects such as an e-methanol facility in Sweden and a renewable fuel complex in Spain.

Project Showcase

Commonwealth LNG: Kimmeridge-owned Commonwealth LNG, in Cameron Parish, Louisiana, has had its startup date pushed back to 2028 while awaiting an export permit but will see Technip Energies overseeing modular construction and adding sustainable features such as carbon capture.

Texas LNG: Glenfarne Energy's renewables-powered Texas LNG facility in Brownsville, Texas, is undergoing review by the Federal Energy Regulatory Commission, with a decision deadline of October 2025, but could see Technip Energies USA and Samsung Engineering sharing lead contractor roles.

Lake Charles LNG project: In September 2024, a joint venture between Technip Energies and KBR was picked to convert an existing import and regasification terminal, in Louisiana, into an export terminal with 16.5 million metric tons of capacity a year.

Project Showcase

CP2 LNG: Planned for construction on land adjacent to Venture Global's Calcasieu Pass facility, CP2 has faced headwinds that have pushed back the start date from 2026 to 2028 but should ultimately see Worley handling EPC duties for Phase 1 of the project, with a reimbursable contract.

Argent LNG plant: Worley is acting as the EPC contractor for what is being touted as one of the most advanced LNG plants in the world, powered by up to 23 MW of wind-generated electricity and spanning 144 acres in Port Fourchon, Louisiana.

Chevron Salt Lake City refinery retrofit: In 2021, Worley completed the commissioning of a Chevron hydrofluoric acid alkylation plant with a new technology that uses an ionic liquid catalyst to produce high-octane, cleaner-burning fuels.

Find Out More

A reliable EPC contractor can make or break a project—but getting projects right also requires large doses of knowledge and intelligence.

And there is nowhere better to gather industry know-how than at the Energy Projects Conference & Expo NA 2025, in Houston on June 11 and 12.

The home of major energy project development in North America, the Energy Projects Conference & Expo NA 2025 will feature five conferences under one roof:

- LNG Export NA 2025
- Hydrogen + Ammonia Engineering & Construction
- Midstream Engineering & Construction
- Petrochem + Refining Engineering & Construction
- Sustainable Engineering Fuels Engineering & Construction

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