



Excelerate Energy brings consistency to the power supply in Bangladesh

Innovative solution provides an economic boost

Innovative power solutions

Excelerate Energy, based in Texas, is a recognized leader in innovative floating liquid natural gas (LNG) regasification solutions. Its Floating Storage and Regasification Units (FSRU) convert LNG into natural gas to provide quick and cost-effective power with a reduced environmental footprint. It is the first company to offer this innovative solution and now provides clean, consistent energy to countries around the world like Argentina, providing 25% of the country's natural gas during peak winter consumption.

Providing power across a country

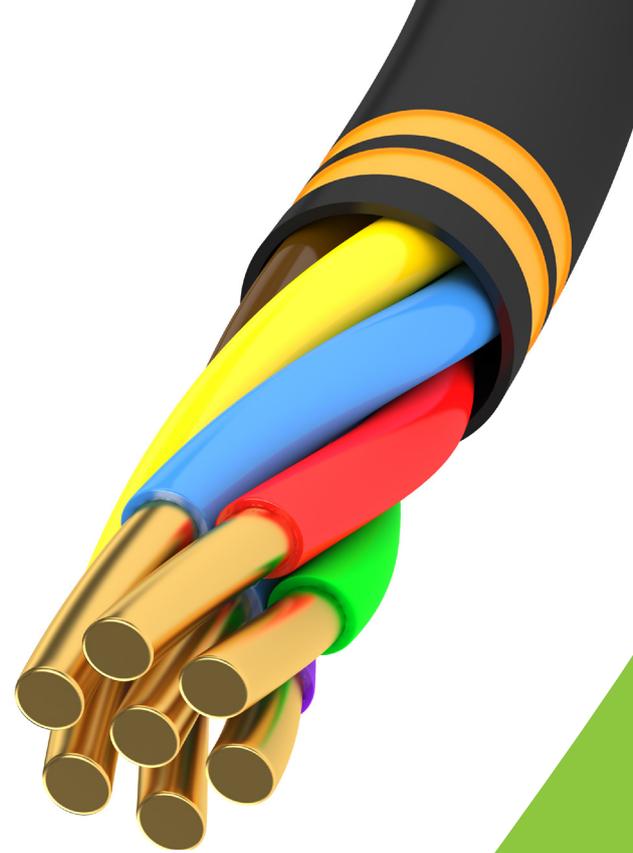
Bangladesh has set a target to become a middle-income country by 2021 but was hampered by an inconsistent power infrastructure. Only 60% of the population has access to electricity, and regular power outages were estimated to cost US\$1 billion per year in economic output. Excelerate Energy's regasification port facility solution was a perfect fit because the floating units could be set up quickly and efficiently.

Excelerate Energy's mission for Bangladesh was clear. By creating a first-of-its-kind project, it would provide the fuel to produce enough energy for an estimated 3 million homes, replace costlier and less environmentally friendly sources of energy, and increase GDP growth and job creation.

Delivering consistent power to Bangladesh

Excelerate required an ERP system to support this mission. The system needed to be scalable, cost efficient, automated and governed by strong financial controls. Excelerate Energy had a short timeline and needed to stay lean and efficient.

"Developing countries often have different infrastructure, banking systems and technologies, so we needed to find a fast solution that we could expand and build up depending on the country we are in," says Richard Hormann, Global Controller, Excelerate Energy.



We were the first company to do a three-month implementation, we were the first company to put SAP production on AWS and we were the first company to do an implementation in Bangladesh in three months. So I couldn't be happier with Capgemini."



Richard Hormann
Excelerate Energy



With the International Finance Corporation, a member of the World Bank Group, providing financing and the need to have a system that could handle growth, SAP was chosen as the solution because it is the leader in the industry. Exceleerate Energy chose to work with Capgemini as its technology partner given their longstanding relationship and the ability to provide support in all the countries involved.

“The relationship between Capgemini and Exceleerate Energy is not a vendor-customer relationship, it is a partnership,” says Hormann.

The team implemented Capgemini’s EnergyPath, an SAP-certified pre-configured software solution for the energy industry. Based on pre-designed configurations with templates, business process documentation and training, it streamlines operations and enables greater control of core business processes while drastically reducing the time to implement. Delivered in four months, the scalable and fully-compliant operating environment allowed Exceleerate Energy to fulfill its regulatory requirements on day one.

Capgemini also coordinated the implementation of on-demand Infrastructure-as-a-Service technology from Amazon Web Services for a virtual private cloud with the ability to expand and contract as needed. It was part of a strategy to use built-for-purpose cloud solutions.

Exceleerate Energy leveraged Capgemini’s strong SAP services to bring together a team scattered in four countries. From being able to speak SAP’s business language with the German headquarters to providing resources in Bangladesh and a project team in India, Capgemini brought together the team to handle all the project challenges.

Powering up in Bangladesh

With the floating LNG facilities opening in 2018 and 2019, Bangladesh is expecting to reap multiple benefits. Consistent power will lead to job creation and economic stimulus and GDP is expected to grow from 4% to double digits.

There is also the human element to having a more regular power flow. The ability to keep air conditioners going more regularly in a hot, humid country will reduce health impacts and heat-related deaths. In addition, the natural gas will be used by fertilizer plants to boost the country’s food supply.

Hormann explains: “We’re not just doing this as a business. We are creating a positive impact on a country’s economy and the people living there.”

Technology:

EnergyPath on AWS

About Capgemini

A global leader in consulting, technology services and digital transformation, Capgemini is at the forefront of innovation to address the entire breadth of clients’ opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. It is a multicultural company of 200,000 teammembers in over 40 countries. The Group reported 2017 global revenues of EUR 12.8 billion (about \$14.4 billion USD at 2017 average rate).

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