

### **SolarInnovate Energy Solutions**

# **Energy storage companies with which Bangladesh has trade**





#### **Overview**

What role do US companies play in Bangladesh's energy industry?

U.S. companies play an outsized role in the power and energy industry in Bangladesh. U.S. companies supply around 55 percent of Bangladesh's domestic natural gas production and are among the largest investors in power projects. U.S.-origin power turbines currently provide 80 percent of Bangladesh's installed gas-fired power generation capacity.

Can energy storage be used in Bangladesh?

Concluded in May 2023, the assignment assessed available energy storage technologies, evaluated the role of energy storage in the current grid conditions, identified potential storage locations, analysed energy storage requirements under variable renewable energy (VRE) integration, and developed a roadmap for energy storage in Bangladesh.

Are US companies investing in natural gas in Bangladesh?

U.S. companies supply around 55 percent of Bangladesh's domestic natural gas production and are among the largest investors in power projects.
U.S.-origin power turbines currently provide 80 percent of Bangladesh's installed gas-fired power generation capacity. There are also opportunities for offshore gas exploration.

What's in the Bangladesh Power Sector Roadmap?

The roadmap highlights specific use-cases for consideration in the Bangladesh power sector over three different future time horizons. It also includes a summary of indicative policy and regulation actions and interventions that may be considered to enable the deployment of energy storage within the defined time horizons.

How reliable is electricity in Bangladesh?

Still, the reliability and quality of electricity remain major issues. Improving



the supply and reliability of electricity and energy in general, while maintaining affordability is essential to supporting the continued growth of industry and commerce in Bangladesh. The fuel mix of Bangladesh's power plants is heavily based on natural gas.

Why is Bangladesh importing liquefied natural gas?

LNG Imports: Bangladesh has turned to liquefied natural gas imports in recent years to help meet its burgeoning fuel demands. The country set up its first floating storage and regasification unit (FSRU) in Moheshkhali in 2018, which a U.S. energy company developed and will operate for 15 years.



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