



NEWS RELEASE

Teijin Limited's New Gas Co-generation System Projected to Cut CO₂ Emissions by 200,000 Tons Annually

Tokyo, April 21, 2026: [Teijin Limited](#), a Teijin Group company, announced today that it has commenced full-scale operation of a new in-house power generation facility at the North District of its Matsuyama plant in Ehime Prefecture. The high-efficiency cogeneration system, fueled by natural gas, simultaneously supplies electricity and heat by effectively recovering waste heat generated during power production. This process, also known as Combined Heat and Power (CHP), enables both substantial reductions in CO₂ emissions – estimated at 200,000 tons/year for the Matsuyama facility – and improved energy resilience.

As part of its core management priorities, the Teijin Group has identified “mitigating and adapting to climate change” as a central pillar of its sustainability strategy, with a long term commitment to achieving net zero CO₂ emissions (carbon neutrality) by fiscal 2050. Transforming the energy infrastructure at the Matsuyama Plant—Teijin’s largest production site—represents a critical step in reducing the Group’s overall environmental impact.

With an approximate power output of 30,000 kW, the newly commissioned facility ranks among Japan’s largest industrial gas cogeneration systems. Teijin’s investment, including upgrades to receiving and distribution infrastructure, totaled tens of billions of yen.

Previously, the Matsuyama plant’s power generation facilities used coal and petroleum-based fuels. However, aging equipment and the company’s emphasis on reducing environmental impacts highlighted the need for modernization.

At full-scale operation, the Matsuyama Plant is expected to reduce CO₂ emissions by approximately 200,000 tons annually, compared to fiscal 2018 levels. As a related accomplishment, Teijin has become the first Japanese chemical fiber manufacturer with in-house power generation capabilities to completely eliminate coal use.

The Teijin Group will continue expanding adoption of renewable energy, implementing additional energy-saving measures through enhanced use of operating data, and increasing its contributions to a sustainable society.

About the Teijin Group

Teijin (TSE: 3401) is a technology-driven global group with two core businesses: high-performance materials and healthcare solutions. Established in 1918 as Japan’s first rayon manufacturer, Teijin today comprises some 150 companies employing 20,000 people. Teijin is committed to its Purpose, “Pioneering solutions together for a healthy planet.” Teijin works

together with employees and external partners to achieve its Long-Term Vision, “To be a company that supports the society of the future.” Teijin posted consolidated revenue of JPY 1,005.5 billion and total assets of JPY 1,061.3 billion in the fiscal year ending March 31, 2025.

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