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Towngas

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Towngas efforts are “greening up” itself and Hong Kong

Utility drives sustainability by reducing headquarters’ carbon emissions with Life Cycle Management.

With its “greening up your life” initiative, Towngas encourages customers to make changes in the way they operate to reduce their carbon emissions. The gas company has followed its own “green” advice by making the building systems at its Hong Kong headquarters operate more efficiently.

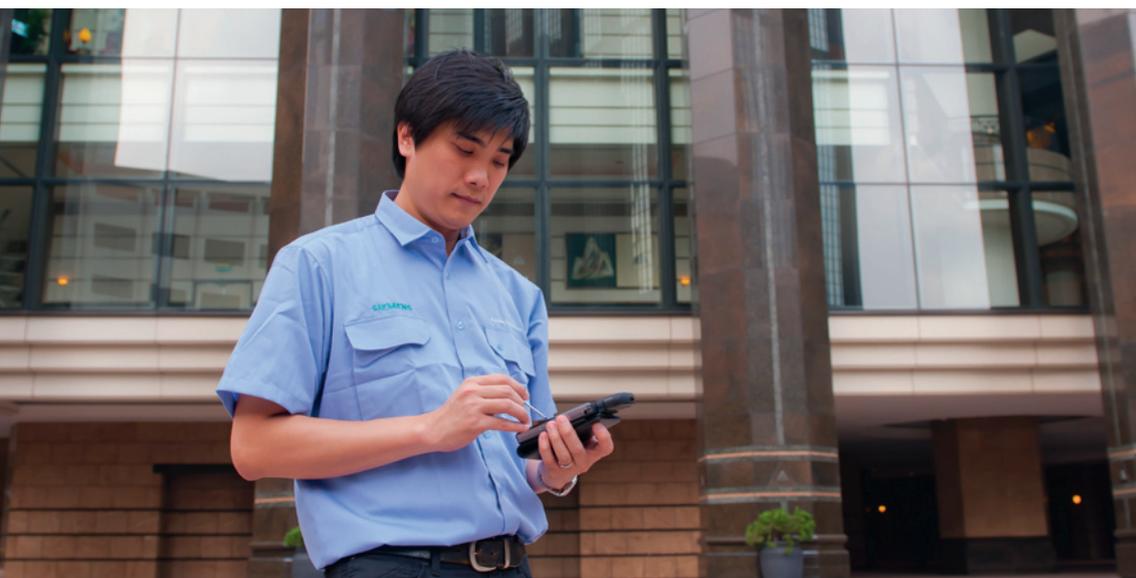
The utility and sustainability

Hong Kong and China Gas Company, called Towngas, is serious about its role as a major energy supplier that focuses on protecting the environment. Its outstanding performance helped it earn sixth place in Hong Kong on the Yazhou Zhoukan “Global Chinese 1000 Business” list, for example. And it continues to pursue new ways to decrease carbon emissions in Hong Kong. Under its “greening up your life” banner, Towngas sponsors education programs for customers. But the utility also looks for new ways to make its own operations more energy-efficient.

The challenge

Towngas supplies gas to 85% of the region’s households as well as commercial and industrial businesses. As a major supporter of sustainability, the utility wants to ensure that carbon emissions from its own headquarters building are as low as possible. The goal was to reduce energy consumption by ensuring that its building systems run efficiently and safely. Towngas also wanted to meet requirements for the BEAM-PLUS awards in 2012.

Answers for infrastructure.



The solution

Towngas is working in partnership with Siemens to “green up” the life of its 27-floor Hong Kong headquarters. A customized Advantage™ Services agreement from Siemens ensures regular maintenance, ongoing modernization and Life Cycle Management of the building systems while Siemens “eService” provides 24/7 web-based emergency call services.

To maximize efficiency, an existing APOGEE® building automation system from Siemens was upgraded and integrated with the IT system, allowing Towngas to centrally monitor and control the chiller plant, HVAC, PA, electrical and P&D systems, and tailored tenant override system. Field panels and the meter monitoring system are being upgraded in phases.

Maintenance and service are essential to building and facility management, according to Towngas, and the Siemens program provides important support. “A

good service provider should be able to fulfill a customer’s needs and requirements, and through industry know-how solve that customer’s problems,” said Mr. Chow Ming Kwai, Towngas Technician. “Thus they can help improve building and facility sustainability in addition to meeting operational demands, service requirements and maintenance efficiency goals,” he added.

Towngas turned to Siemens because its leaders feel that “a close working relationship with a trusted service provider is absolutely essential,” according to Mr. Jason Wan-Piu Jason, Property Management Officer for Towngas, Hong Kong. “When selecting a service provider, we inevitably look for a dependable and trustworthy partner.” Like Towngas, Siemens is dedicated to making the life of its customers more comfortable, environmentally friendly, greener and safer. The partnership between Towngas and Siemens is a vital part of “greening up your life.”

Highlights

- Trustworthy, efficient and responsive facility services
- Cost-effective system modernization for maximum energy efficiency
- Savings from reduced total energy consumption
- Enhancements to building’s sustainability image
- Increased comfort thanks to customized APOGEE building automation system