

Gas Malaysia JV commissions CHP plant in Penang

KUALA LUMPUR: Gas Malaysia Bhd's joint venture with Tokyo Gas Engineering Solutions Corp has commissioned the operations of its combined heat and power (CHP) plant for its third customer, Fatty Chemical (M) Sdn Bhd (FCM), in Prai, Penang.

In a statement, the gas provider said its JV company, Gas Malaysia Energy Advance Sdn Bhd, inked an energy supply agreement with FCM, which included the provision of up to 6.7MW of power and 35 tonnes per hour of steam to FCM for 15 years.

Gas Malaysia said with the potential to reduce almost 18,000 tonnes of carbon

dioxide per year, CHP technology is projected to make a significant contribution to FCM's sustainability goals.

The technology known as cogeneration, also referred to as a CHP system, produces both electricity and heat from a single fuel source.

It generates electricity and captures heat, which would have been wasted, to provide useful thermal energy.

According to Gas Malaysia, the CHP system caters well to industrial sector customers that require electricity and useful thermal energy such as steam or hot water.

It is also recognised for its ability to boost

energy efficiency up to 87%.

"As industries place greater emphasis on adopting environmentally responsible business practices, particularly in the context of reducing carbon dioxide emissions, the CHP system stands out as a beacon of hope for its positive environmental footprint.

"It presents a comprehensive solution that not only effectively addresses customers' energy requirements but also aligns well with the imperatives of fostering a more sustainable and eco-friendly future," said Gas Malaysia group CEO Ahmad Hashimi Abdul Manap.