





## Installation details

- Location:** Energy Complex Co., Ltd. (EnCo)  
Bangkok, Thailand  
[www.energycomplex.co.th](http://www.energycomplex.co.th)
- Models:** 1 x  S250  
1 x  X-Pro 1
- Area:** Before the condenser water piping system to treat all 7 cooling towers
- Installed by:** SGI Technology / Globen Engineering

## About Energy Complex



Energy Complex is the first office complex in Thailand and Southeast Asia to be awarded the highest level of Platinum Green Building certification from LEED (Leadership of Energy and Environmental Design) that serves as the prototypical building in Thailand for energy conservation, harmonious coexistence of industry and the environment and optimal utilization of resources.

## Installation purpose

Before Vulcan was installed, the client used ozone water system to treat the condenser, but they still found massive scales in the basin of the cooling towers. They collected the scales from the basins and weighed them, there were around 150 kg (average) of scales every month.

## The results after 4 months

Vulcan was added together with the ozone system to treat the water. After 4 months, the approach temperature of the chiller has been reduced, so that the energy has been saved from the machine. Also, the scales from the cooling tower basin have been reduced.



Vulcan S250 and X-Pro 1 were installed on the main return pipes of the condenser.



7 cooling towers were treated with Vulcan.