



Shangri-La Hotel, Singapore will align its goals with Singapore's ongoing green efforts and aim to win the Green Mark platinum award, says Mr Sidonie.

PHOTOS: CHONG JUN LIANG



Above: The Orchid is the hotel's open-air greenhouse designed to complement its green environment that comprises a showcase of tropical orchids.

Memorable milestone

Shangri-La Hotel, Singapore wins its first BCA Green Mark Award

CHRISTINA CHING

WINNING the Building and Construction Authority (BCA) Green Mark Award (Gold) in the category of existing non-residential buildings was a milestone for Shangri-La Hotel, Singapore this year.

The BCA award is a first for the hotel since it was built in 1971.

Located at Orange Grove Road, the hotel is recognised for the efficient operation of its chiller plant that provides an energy-efficient air-conditioning system to the hotel's estimated 95,000 sq m area.

Says Mr Arnaud Sidonie, 49, the hotel's director of engineering: "Since implementing

the chiller optimisation system, we have managed to save an average of 3,500 kWh of electricity per day, thus saving the hotel \$511 daily. This ultimately saves us more than \$180,000 a year in utility bills."

The hotel's goal is to reduce its carbon footprint and build long-term sustainability for its business.

It hopes to achieve a steady and consistent reduction in carbon footprint performance year to year, through the use of energy-efficient technologies and promoting sustainable practices among guests and staff.

Making a green difference

With the objectives of reducing its carbon footprint and achieving its first BCA Green Mark award in mind, a team from the hotel did a gap

analysis in 2016 to identify key areas to reduce energy wastages and lower operating costs for the hotel in terms of utilities consumption.

"This is part of the company's guiding principle, where employees are deeply committed to social responsibility by making a positive contribution to their communities and environment," says Mr Sidonie.

Other than the chiller optimisation system, the team came up with an energy-saving heat pump and solar panels for its hot water system.

Other areas identified included water efficiency measures, sustainable operation and management practices, as well as indoor environment quality control.

Guests are roped in to aid the hotel's environmental cause by contributing to efforts to reduce, reuse and recycle. For instance, its almost 800 guest rooms each have a Green Information Card to encourage guests to re-use their bed linen during their stay.

Shangri-La Hotel, Singapore hopes to roll out more green initiatives, such as the integration of its building management system through various platforms to achieve even greater savings in utilities consumption.

It is looking into investing in energy-efficient equipment such as chillers and LED lighting.

"The hotel's ultimate goal is to achieve the Green Mark platinum award, and we will do our best to align our goals with our nation's ongoing effort to be a green and sustainable country," says Mr Sidonie.