

# ////// EQUATORIAL HOTEL - KL, MALAYSIA

Client: Hotel Equatorial / Architect: GDP / Completed: 2020

A 51-storey luxury hotel and office development with high levels of passive design features alongside active design measures, energy efficiency and water efficiency which has earned it a Green Building Index ("GBI") Gold certification.

This highly sustainable development designed with very efficient chiller plant, variable air flow system with CO2 controller, efficient lighting system with motion sensor, Lux sensor & dimming control, optimized façade to harvest daylight & reduce thermal heat gain, waste heat recovery system, wastewater treatment system, rainwater harvesting and sustainable construction materials.



Cooling load reduction 15%



33% more energy efficient chiller plant



Motion & Lux sensor with Zoning



Reducing 50% water consumption



Sustainable material & construction



Pre-heating potable & pool water



37% overall energy saving



Reducing 45% energy consumption



37% of wastewater reuse



No potable water usage for irrigation



54% energy efficient chiller plant

