

LEADING THE WAY IN SUSTAINABLE HEALTHCARE

NHG Health is setting new benchmarks in green healthcare infrastructure, with our institutions achieving the prestigious BCA Green Mark (GM) Platinum Super Low Energy (SLE) rating.

Together, we're building healthcare facilities that deliver excellent care while reducing environmental impact.





GM PLATINUM SLE: WHY IT MATTERS



Under GreenGov.SG, all new public sector buildings and existing ones undergoing major retrofits are required to achieve GM SLE standards.

HOW IS GM PLATINUM SLE ACHIEVED?

Demonstrate excellence in energy efficiency and sustainable building design by:

- ✓ Using at least 60% less energy than a typical building built to 2005 standards.
- ✓ Meeting the highest score of Singapore's GM rating (>90)



FOR HEALTHCARE FACILITIES, THIS MEANS...

- ✓ Significant reductions in energy consumption
- ✓ Lower carbon emissions and operating costs
- ✓ Future-ready healthcare facilities designed to deliver care more sustainably

As a healthcare leader, we're committed to supporting Singapore's national sustainability goals while creating future-ready healthcare spaces.

In May 2023,

YISHUN COMMUNITY HOSPITAL

became the first public healthcare institution in Singapore to attain GM Platinum SLE certification.

Solar Photovoltaic System
generating 456,000 kWh of electricity annually with KTPH.

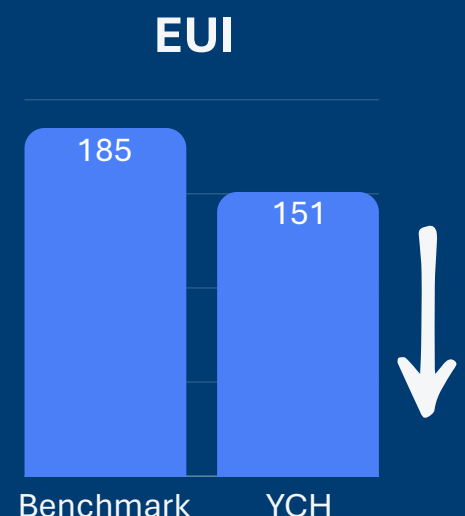
Solar Thermal System
to address hot-water demand of wards and kitchen with heat-pump back-up system.

Smart Sensors / Controllers
to adjust brightness according to environmental changes.

Pre-cooled Air Handling Unit (AHU)
for enhanced indoor air quality.

High Efficiency Chiller Plant System
to control air temperature and humidity levels.

Purpose-built with sustainability at its core, YCH demonstrates how environmentally responsible design can be integrated into rehabilitation and recovery environments, achieving an impressive Energy Use Intensity (EUI) well surpassing the benchmark.



In May 2024,

TAN TOCK SENG HOSPITAL

became the first public acute hospital in Singapore to attain GM Platinum SLE certification.

Solar Photovoltaic System

Planned installation of 2,500m², with projected savings of about \$1.5million.

Air Handling Unit (AHU) & Fan Coil Unit (FCU) Replacement

with high rating motors to improve airflow efficiency.

Smart Technology

to compress food waste, reducing food waste disposal by 80%.

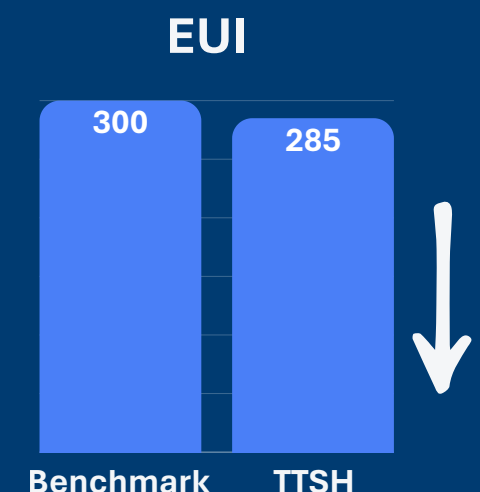
Chiller Plant Replacement

reducing energy consumption by 4.7million kWh.
(equiv. to powering 800 HDB flats)

100% LED Lights Replacement

reducing about 1,000 tonnes of CO² emissions annually.

The hospital has over the years undergone extensive retrofitting with innovative sustainability technologies to improve energy efficiency and reduce waste, showing how existing healthcare facilities can also be transformed into greener spaces.



In Dec 2025,

SERANGOON POLYCLINIC

became the first public polyclinic in Singapore to attain GM Platinum SLE certification.

Use of Low Carbon Concrete
(min. 3-tick rating under SGBP certification) for major superstructure works.



Air Conditioning and Mechanical Ventilation (ACMV)
with high total system efficiency (TSE) of < 0.70 kW/ton.



Temperature Optimisation
of 25 deg C for offices and non-clinical areas.



PUBS WELS 3-tick rating
for all relevant water fittings.



Urban Heat Island (UHI) Mitigation Measures
for $>50\%$ site area coverage.

This milestone demonstrates that our commitment to sustainability goes beyond hospitals. As a key touchpoint for preventive care and community health, Serangoon Polyclinic shows how greener healthcare spaces can be embedded in the community, supporting greener care closer to home.

THREE FIRSTS. ONE GREEN VISION.



Greening every step of care,
from hospitals to communities.