

MEASURED SAVINGS

58.40% Reduction in kWh
0.86 Ton/Year

**BUSINESS
CATEGORY &
LOCATION**

Thailand Automotive Factory

**MEASUREMENT**

The energy data from GMG's equipment monitoring was compared with meter data provided by customer for whole of store energy consumption. Data was recorded by three-phase Wi-Fi Energy Meter. Reportable contents included active energy, active power, voltage, current and frequency.

EQUIPMENT

Daikin Split Unit
Model : R24NUV2S
Total 7.0 kW system

PHOTOS

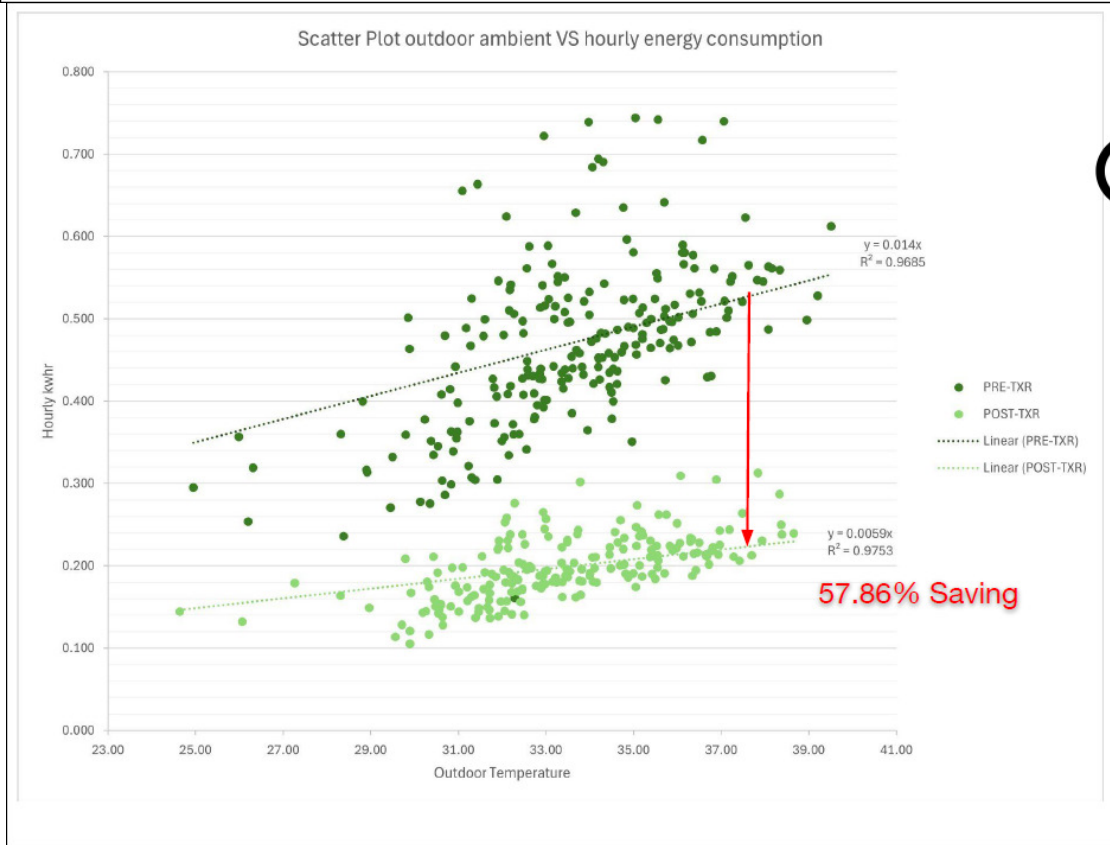
INSTALLATION

Pre-service logging of energy took place from 24/5/2024.
Servicing of THERMAL-XR® took place on 8/6/2024.
Daily kWh energy usage was compared pre/post service

DATA

Air Conditioning Day Shift (07:00-20:59)	Average Daily Outdoor Temp Temperature (°C)	Average Daily Outdoor Humidity	Average Daily Room Temperature (°C)	Average Daily Room Humidity	Average Daily kWh Consumption
PRE TXR	33.749	60.285	21.690	82.815	6.655
POST TXR	33.442	59.830	21.752	82.979	2.768
% Improvement	-0.91%	-0.75%	0.29%	0.20%	-58.40%

Energy Reduction
58.40%



GMG is a clean-technology focused company which aims to offer energy-saving products and solutions and energy storage products, enabled by Graphene manufactured in-house via a proprietary production process.



GMG developed and proved its proprietary production process to produce GMG Graphene. This process produces high quality, low input costs, scalable, tuneable and low contaminant Graphene suitable for use in clean-technology applications. GMG's focus has been developing applications for **ENERGY SAVING AND ENERGY STORAGE SOLUTIONS**.

Customer Delivery Focused



Delivery of customer requirements are key to the business.

Innovate to Deliver



Continuous improvement in all parts of the business is practiced and no one person/manager holds the key to "logic". Company language allows coming up with new ideas in a safe environment.

No Harm To People Or Environment



Employee leadership at all levels shows and acts to not harm people, including employees, contractors and customers & the environment with our process, product or any other part of the business.

THERMAL-XR® *powered by GMG Graphene* is a Graphene Manufacturing Group Ltd brand.

PATENT PENDING

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