

Company's initiative to help with savings on energy cost

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The commissioning of ViTrox Campus 2.0 in Batu Kawan, Penang is estimated to be in August.

VITROX Technologies Sdn Bhd has appointed Solarvest, a top high-income yielding solar PV system installation brand in Malaysia, to design, supply, instal, commission and maintain a 458kW industrial scale solar photovoltaic (PV) system at its state-of-the-art ViTrox Campus 2.0 building in Batu Kawan, Penang.

This endeavour is aligned with the recently launched Net-Energy Metering (NEM) renewable policy from the Sustainable Energy Development Authority (SEDA) and is touted to be one of the largest Net-Energy Metering (NEM) solar PV industrial projects in the northern region.

Construction works commenced in March after several months of initial engineering, design and planning, and the final commission is scheduled to be this August.

The installation, which will cover the roof of the building, will feature a total of 1,410 solar panels and is estimated to be able to generate up to 686,900 kWh annually.

According to Solarvest, the initiative is projected to achieve approximately RM250,000 in energy costs each year. These numbers can greatly reduce the organisation's operating costs and hedge against escalating electricity tariffs from Tenaga Nasional Berhad (TNB), while also reducing its carbon footprint.

This is in tandem with ViTrox's goals, one of which is to do its part to cultivate a greener environment, and complements the ViTrox Campus 2.0 building's ethos well.



The Solarvest Team (on the left) and ViTrox Team (on the right) agreeing to commence the installation of the industrial scale solar photovoltaic system at ViTrox Campus 2.0 after several months of initial engineering, design and planning.

Not only is the ViTrox Campus 2.0 industrial building in Batu Kawan at five storeys high, more importantly, it is also a green building incorporating a host of green features, including private bicycle lanes, said ViTrox.

With ViTrox Campus 2.0, the organisation aims to create a workplace that inspires relaxation and innovation while simultaneously developing employees' potential holistically – a "second home" environment, which balances employees' body, mind and soul.

The building also features the V-Cafe, an open and conducive alternative working space and platform which promotes openness and transparency. There are also gym facilities and recreational games as well as numerous internal and external trainings and workshops.

The building's design concept derives inspiration from the ViTrox organisational culture, which harmonises the humanistic culture with environmental considerations.

In addition to the bicycle lanes, it also incorporates an ecopond with a rainwater harvesting system for irrigation, a garden in the centre to promote a greener working environment, a sky herb garden to promote healthy eating habits among habits and, of course, the solar PV system.

In this circumstance, the energy generation from the solar PV system is equivalent to 13,289 trees cleansing the air for one year. In other words, it contributes offsets amounting to 445 tons of carbon emission annually, explained Solarvest. Besides being an environmentally-friendlier alternative offering significant cost savings, the solar PV system is relatively low-maintenance with an average lifespan of up to 40 years.

This allows ViTrox to reap the benefits of solar energy in a truly hassle-free manner.

Solarvest is a subsidiary of Atlantic Blue Sdn Bhd, a leading name in turnkey Engineering, Procurement & Construction (EPC) solutions that specialises in large-scale solar farming.

It aims to make cleaner and more affordable energy alternatives easily available to everybody.

Solarvest is also committed to sourcing for high-quality solar panels that utilise high-performance solar cell technology to ensure that customers enjoy more efficient energy conversions. They also have an excellent track record in using a unique mounting method that minimises the risk of roof leaks.

<http://www.thestar.com.my/metro/smebiz/news/2017/05/10/companys-initiative-to-help-with-savings-on-energy-cost/>