



**COUNTRY**  
Malaysia



**INVESTMENT**  
RM 181.87 million



**CAPACITY**  
50MWac / 79.6MWp



**LOCATION**  
Ladang Bikam, Bidor,  
Batang Padang, Perak

# Ranhill

## RANHILL SOLAR I SDN. BHD.

The Ranhill Solar I Sdn. Bhd. (RSI)'s 50MW Large-Scale Solar Photovoltaic (PV) Project in Bidor, Perak is the largest and first renewable energy project in Ranhill's portfolio, generating up to 115,430MWh yearly. RSI, a wholly-owned subsidiary of Ranhill Utilities Berhad, was incorporated on 30 April 2021, and is one of ten shortlisted bidders under Package 2 to undertake the development of Large Scale Solar Photovoltaic (LSSPV) project located in Daerah Batang Padang, Perak.

The plant has a maximum export capacity of 50MW and an installed solar panel capacity of 79.6MWp. The renewable solar energy generated by the LSSPV plant is supplied to Tenaga Nasional Berhad (TNB) under a 25-year power purchase agreement (PPA). The plant is located on a 181-acre site and the project is scheduled to be commissioned in December 2023. The development of the LSSPV plant and the long-term operation of the facility will result in an increase in the local tax base and the establishment of long-term jobs at the facility, which will help offset any decline in the loss of agricultural work. The facility will be supplying electricity to TNB under the PPA and paving the way for more communities across the country to tap into the potential for renewable solar energy generation.

The project is a significant milestone for the Ranhill Group's vision to uplift the quality of life by being at the forefront of nation-building through sustainable environmental and energy solutions using innovative and clean technology. The Group's commitment to expanding renewable energy sources and supporting Malaysia's transformation to a greener and cleaner energy future is evident through this project.

Ranhill Group is committed to environmental stewardship and corporate social responsibility, minimizing the environmental impacts and enhancing the socio-economic benefits of its projects across their lifecycle. With every project it develops, the company is transforming Malaysia's energy future and making a positive difference in local communities.







**COUNTRY**  
Malaysia

**SOLARVEST**  
ENERGISING THE NEXT

## SOLARVEST HOLDINGS BERHAD

Solarvest Holdings Berhad (Solarvest), listed on the Main Market of Bursa Malaysia, aims to transform itself from a solar service provider to a clean energy expert under its 5-year strategic roadmap. With a solid track record in the solar industry across large-scale solar (LSS), commercial and industrial, and residential sectors, Solarvest has set a target to install 1 gigawatt-peak (GWp) of solar capacity by 2025.

Solarvest will debut as an asset owner of three large-scale solar photovoltaic plants (LSSPVs) under the fourth cycle of the large-scale solar programme (LSS4), with a cumulative capacity of 50 megawatts (MW). The three LSSPVs, located in the states of Perak and Selangor, are expected to contribute up to 1,405,575 tonnes of carbon emission (CO<sub>2</sub>) reduction over their operational lifetime, and supply clean electricity to around 21,253 households for one year. To this end, three special purpose vehicles (SPVs) have been established: Sinarmas Energy (Api-Api) Sdn. Bhd., Serimas Energy (Manjung) Sdn. Bhd., and Suriamas Energy (Maritime) Sdn. Bhd. The total investment amounts to RM168 million.

The development of LSSPVs is expected to drive further demand growth in clean energy and set the pathway to meet the nation's goal of achieving 31% installed renewable energy capacity by 2025. By providing communities with reliable, accessible, and affordable clean energy, Solarvest is contributing to the fight against climate change by reducing carbon emissions and environmental pollution.

Beyond Malaysia, Solarvest is expanding its geographical footprint in the Asia-Pacific markets of Taiwan, the Philippines, Indonesia, and Borneo.



**INVESTMENT**  
RM 168 million



**MANPOWER**  
260



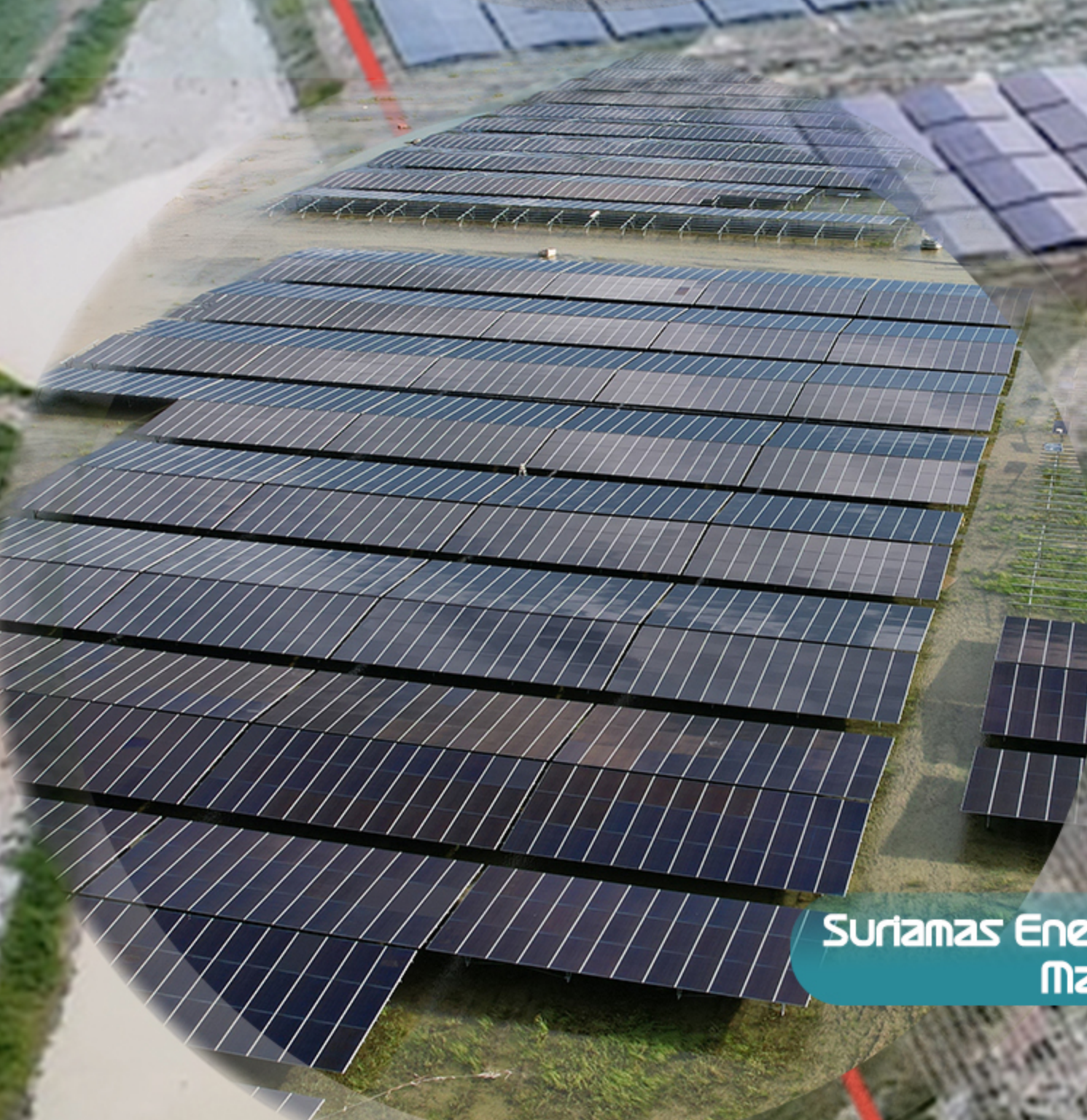
**LOCATION**  
Manjung, Perak &  
Kuala Selangor, Selangor



Sinarmas Energy (Api-Api) Sdn. Bhd.



Serimas Energy (Manjung) Sdn. Bhd.



Suriamas Energy (Maritime) Sdn. Bhd.  
Manjung, Perak

**SURIAMAS**