

# Information of Solar Research Institute (SRI), UiTM Project Green Campuses and Solar Parks

## 1.0 Background of SRI

UiTM Solar Research Institute (SRI) is a centre of excellence dedicated to strengthen the research on renewable energy such as solar energy system for the purpose of developing new technologies especially in the field of power system. The establishment of this centre of excellence is aiming to enhance the pragmatic research activities as well as providing expert advice through training and consulting/commercialization related to the solar energy system, which can benefit from the development and operation of the UiTM Solar Power Station in Gambang, Pahang (LSSPV Gambang). The station is fully operational on the 5th April 2019 to provide electricity to the TNB National Grid System. This centre of excellence is focusing on several main areas that have been identified in line with the key priorities of energy industry such as those at the ASEAN Centre of Energy (ACE). Notably, the Southeast Asia (S.E.Asia) regional energy strategy consolidation project (including Malaysia) is an initiative undertaken by ACE under the Asean Power Grid (APG) program. The establishment of this centre of excellence is also in line with the direction of the Ministry of Higher Education (MoHE), Malaysia to leverage the university's expertise that will be useful and benefit to the community and industry.

## 2.0 Vision of SRI

To become a world-renowned and internationally recognized research centre in the field of solar energy systems, sustainable energy technology, optimization and integration of power systems through various disciplines of research, innovation and commercialization.

## 3.0 Mission of SRI

- 1) Conducting world-class research in solar and renewable energy technologies, systems integration, management and policy towards a reliable and sustainable power system.
- 2) Design and disseminate the latest knowledge through research, innovation and commercialization to the community.
- 3) Increase national and global expertise in sustainable energy systems through technology transfer, training and commercialization/ consulting services.

## 4.0 Units of SRI

- 1) Solar Energy Integration System.
- 2) Power Delivery Advanced System.
- 3) Energy Efficiency.
- 4) Development, Infrastructure, Water & Agrotechnology.

## 4.0 UiTM Solar Park I & II

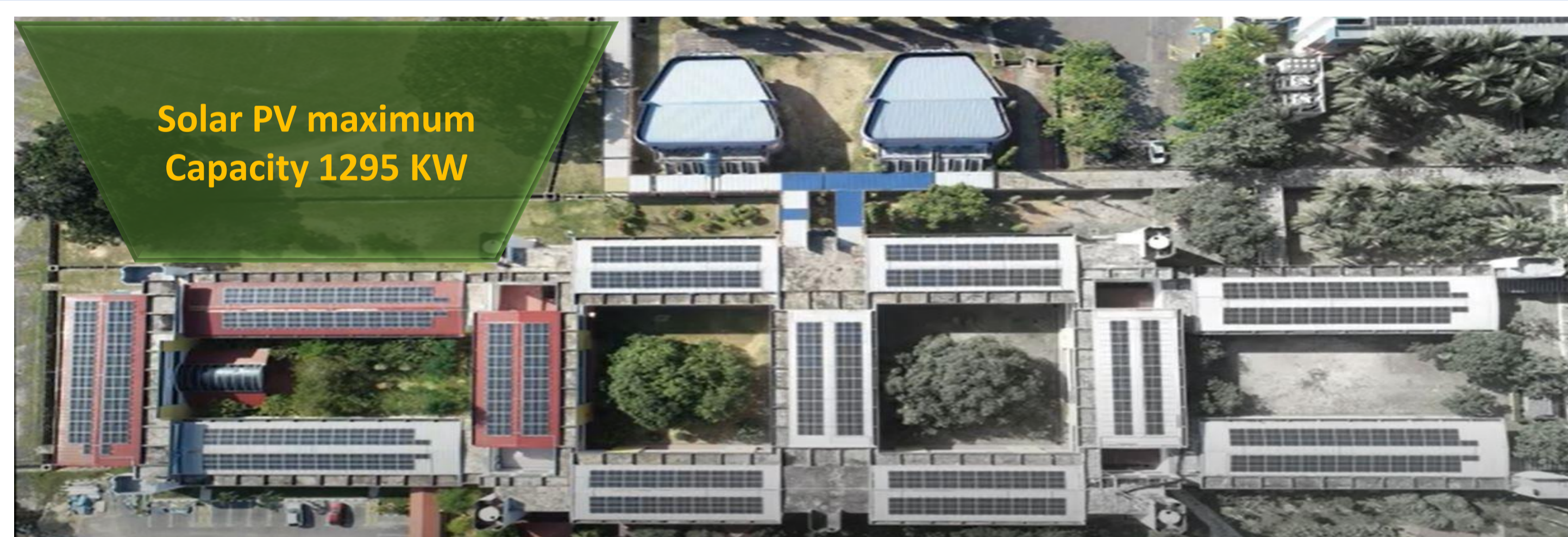


UiTM Solar Photovoltaic Plant in Gambang, Pahang



UiTM Solar Photovoltaic Plant in Pasir Gudang, Johor

## 4.0 UiTM Rooftop Solar Projects



UiTM Dungun, Terengganu



UiTM Permatang Pauh, Pulau Pinang



UiTM Kuala Pilah, Negeri Sembilan



UiTM Segamat, Johor



UiTM Jengka, Pahang



UiTM Alor Gajah, Melaka