

**Visit to the UiTM Solar Park: A Technical Report**

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The successful technical visit to UiTM Solar Park in Gambang was organised by The Institution of Engineers Malaysia (IEM) under the Engineering Education Technical Division on August 15<sup>th</sup>, 2023. 31 passionate members of IEM joined this technical visit.

At 8 o'clock in the morning, from IEM headquarters in Petaling Jaya, beginning a daylong excursion that would reveal fascinating facts about UiTM Solar Park's cutting-edge 50 MW solar park. The three-hour ride did not dampen the participants' excitement.

The members were met with the breathtaking sight of UiTM Solar Park's massive solar installation upon their arrival at the solar park at 11 a.m. Participants were briefed on the capacity, technology employed, and relevance of the solar park in the renewable energy landscape during the educational session that began the visit.

The solar park site tour was the most interesting part of the trip. Attendees got an up-close look at the park's design, the solar panels, and the state-of-the-art equipment used to efficiently collect solar power. At this site, guests could see solar power in action. This helped to enhance understanding of large-scale solar farm operation.

As part of the tour, the members went to the control room to learn about the solar park's complex administration and monitoring systems. The members gained a practical understanding of the technical complexities of optimising energy production and operating a solar system of this scale through this hands-on experience.

While at UiTM Solar Park, members asked thought-provoking questions and exchanged ideas with the experts. The visit's success in encouraging experts to network and share knowledge was demonstrated by the cooperative culture it created.

After the trip, there was a debriefing session where everyone could talk about what they learned and how much they liked the tour. Everyone said that seeing solar power in action was an eye-opening experience.

A technical visit to UiTM Solar Park was a huge success, giving IEM members a chance to learn more, make connections, and see how a large-scale solar power plant works.



**The View of the UiTM Solar Farm.**



**Group photo at the Solar Farm**



**Group photos of IEM delegates and UiTM team.**



**Presentation briefing from UiTM representative on the background of UiTM Solar Farm**