

UNIVERSITI TEKNOLOGI MARA

**ASSESSING SOLAR POWER
POTENTIAL AS AN ALTERNATIVE
ENERGY IN UITM BUKIT BESI**

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ABSTRACT

As now in this modernized era, the most thing that had been very convenient to human is the electricity. Human tends to rely their daily life to the machine that are very good in some ways. But there are many ways for electricity to be generated. One of them is using the solar power. The solar energy is the alternatives method to replace the conventional energy like coal and petroleum. The Solar Energy is produced by the Sunlight is a non-vanishing renewable source of energy which is free from eco-friendly. The major benefit of solar energy over other conventional power generators is that the sunlight can be directly converted into solar energy with the use of smallest photovoltaic (PV) solar cells. In this proposal, there is the study for it as to use the solar energy as an alternative energy in boy's dormitory om TAR 1 at UITM Bukit Besi campus. The research was done to know about the differences as using solar energy as an alternative energy, the types of the energy around us and a site analysis, research on the area that want to apply the solar energy.

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