

**A CASE STUDY AND IMPROVEMENT OF POWER FACTOR
PERFORMANCE AT MSB NO 1 IN INTEC SEKSYEN 17 UiTM
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ABSTRACT

This case study is concerned with the investigation on the existing power factor performance at MSB No 1 INTEC UiTM section 17 Shah Alam. The case study being conducted to fulfill the power factor requirement set by Tenaga National Berhad as a supply provider higher than 0.85. Penalty will be charge if the power factor reading below 0.85. By increasing the power factor performance, penalty by the supplier (TNB) can be avoidable. The study is then to recommend the proper technique to improvement the power factor performance overcome the penalty cost by TNB.

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