

be reduced significantly and hence increases the efficiency of the power system. ~~However, values~~ Hence, the power distribution ~~&~~ is greatly aided by the use of transformers. Less energy is lost with the use of transformers as seen from the results obtained. At the
Through this experiment, it helped my understanding of the concepts regarding transformers and the basic operation of transmission and distribution systems.

However, there could be errors in measurements due to precision of the apparatus and also ~~accuracy~~ precision of accuracy of the values of the components used in the experiment. For example, the values measured by the power meter ~~are~~ fluctuating, hence, ~~an~~ resulting to a ~~more~~ less accurate reading of the current, voltage and power of the source. In addition, there may be parallax error from reading the value of I_{line} and ~~current~~ load from the ammeter. Furthermore, the given values of inductance and resistance of the transmission line differs from that calculated by measuring the voltage across the reactance and resistance of the transmission line. All these ~~in~~ could lead to an inaccurate measurement being noted down with respect to a given value of the ~~apparatus~~ components used. As such, the experiment can be improved by using more precise^{or accurate} measuring equipment, ~~apparatus~~ and giving a more accurate value of the apparatus being used.

Good.

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