

**SWITCHED RELUCTANCE GENERATOR
PERFORMANCE SIMULATION**

**This thesis is presented in partial fulfilment for the award of the
Bachelor of Electrical Engineering (Hons) of
MARA INSTITUTE OF TECHNOLOGY**



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MAY 1997**

ABSTRACT

This project concentrates on the simulation study of Switched Reluctance (SR) Generator. The objective is to determine the suitable operating conditions of Switched Reluctance Generator. Two phases 4 / 6 sub-kW SR Generator, 800W and 6000 rpm are used in study at various speeds and output power . The various combinations of switch-on (alpha) and switch-off advanced angle (beta) has used to control the generator. Torque and power output of the generator at various operating conditions are simulated and results summarised.

ACKNOWLEDGEMENT

In the name of Allah, the Beneficent, the Merciful. It is with the deepest sense of gratitude to Allah who has given me the strength and ability to complete the project and the thesis as it is today.

I would like to take this opportunity to express my deepest gratitude and appreciation to my project supervisors Dr. Chan Sei for his simulation package that used in this project, his continuous guidance, invaluable advice in giving the ideas and effort in making the completion of this project possible.

I am also would like to express my special gratitude to my family for their invaluable support along the duration of my studies and their inspiration until this thesis is completed. Also I like to thanks to all my colleagues for their valuable assistance who have helped me directly or indirectly in carrying out the work and reached the goal.

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