PROGRAMABLE AC POWER CONTROL

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MARCH 2015

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ACKNOWLEDGEMENT

First and foremost, we would like to offer my honest gratitude to our supervisor Dr. Muhammad Asraf Bin Hairuddin for his guidance and constant supervision as well as for providing necessary information regarding the project and also for his support in completing the project.

We would like to express my gratitude towards my parents and our member for their kind co-operation and encouragement which help us in completion of this project.

Our thanks and appreciations also go to my colleague in developing the project and people who have willingly helped us out with their abilities.

ABSTRACT

The project is designed to see the effect of the firing angle of the transistor to the load power. Based on the principle of firing angle control of thyristors, one can control the ac power. A display unit displays the full power or any percentage and one can enter the desired percentage to reduce the power to the load.

The firing angle would be automatically adjusted to maintain the load power. The project uses a lamp such that the entered power matches the required one.

LIST OF FIGURES