

PREFACE

Assalamualaikum warahmatullahi wabarakatuh Alhamdulillahirabbilalamin. Praise to the presence of Allah SWT for all grace, blessings and gift so that the authors can complete the Undergraduate Thesis with the title Smart Metering with ON OFF Daily for Efficient Energy Distribution of Smart Building . Shalawat and greeting do not forget the writer pray to the lord of Prophet Muhammad SAW.

This undergraduate thesis is arranged as one of the requirements that must be fulfilled to complete the undergraduate study program on Telecommunication Engineering Study Program, Faculty of Electrical Engineering, Telkom University. The purpose of this Undergraduate Thesis is to create and analyze a system that can be controlled and monitor the power consumption of a building/ room in a day. This Undergraduate Thesis is expected in the future can be a reference for further research either simulation or real implementation.

The author realizes that this Undergraduate Thesis still there is a shortage due to constraints on the limitations of knowledge and deficiencies that the authors have. For that authors expect suggestions and constructive criticism to refine this Undergraduate Thesis to be more better. Hopefully this Undergraduate Thesis can be useful and bring goodness to the author on in particular, as well as for the general reader.

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