

**FAKULTI SENI BINA, PERANCANGAN DAN UKUR
JABATAN UKUR BANGUNAN**

THE LIFE CYCLE COST FOR GENERATOR SET

**THE PROPOSED DISSERTATION IS TO FULFILL THE
REQUIREMENT FOR AWARDED BACHELOR OF
BUILDING SURVEYING (Hons)**

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PENGESAHAN PEMBETULAN DISSERTASI

Dengan ini adalah disahkan bahawa pelajar berkenaan telah membuat pembetulan seperti yang telah diarahkan dan seterusnya dibenarkan menjilid disertasi beliau

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Generator is important aspect in ensuring efficiency level of any building. Currently, there are many existing building that fully utilized generator set as source of energy. Even Malaysia as a country, which has copratized Lembaga Elektrik Negara (LLN) to Tenaga Nasional Berhad (TNB) because of they have realize the potential of electricity needs for the nation growth. Besides, Malaysia has once been shocked by Nation's 1997 blackout. Generator set is generating electricity in standby situation for building. In narrower scope, the importance of generator set is much alike the TNB sub-station with exception that the generator set only provided the electricity energy recovery during power interruption or during sub-station maintenance.

Therefore, the main objective of this dissertation is to evaluate the case study in aspect of the life cycle cost: ,the cost of maintenance and testing per generator set, the manpower use in maintenance and testing per generator set, time spent for maintenance and testing per generator set.

Aside from that, the secondary objective also carried together in this research with data collection from the sample generator set on these matters, to study about privatization in Malaysia especially for hospital maintenance management. To study of generator set start from power part and its operation.

Table of contains

List of picture

List of figure

List of chart

List of table

Acknowledgement

Abstract

1.0 INTRODUCTION

1.1	Preface	1
1.2	Definition of Topic	1
1.3	Issue of Study	2
1.4	Objective of Study	3
1.5	Scope of Study	4
1.6	Methodology of Study	4
1.7	Arrangement of Chapter	8

2.0 LIFE CYCLE COSTING

2.1	General	10
2.2	Current Usage Of Life Cycle Cost	11
2.3	When to Use LCC	13
2.4	The Time Value of Money	16
2.5	Costs	20

Table of contains

3.0	GENERATOR SET	
3.1	General	26
3.2	Normal Operation With Low Voltage Switchboard	27
3.3	Generator Set Operation	37
3.4	Samples Model	42
4.0	CASE STUDY	
4.1	General	73
4.2	Generator A	74
4.3	The Generator Set	77
4.4	Generator B	85
4.5	The Generator Set	87
4.6	Generator C	94
4.7	The Generator Set	96
5.0	FINDING AND ANALYSIS	
5.1	Data Collection	103
5.2	Analysis on Preliminary Questionnaire	105
5.3	Analysis on Final Questionnaire	113
5.4	Life Cycle Cost Calculations	124
6.0	CONCLUSIN AND RECOMMENDATION	
6.1	Conclusion	130
6.2	Recommendation	133