

SOLAR LIGHTING

Project Report Submitted by
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in part satisfaction of the award
of Diploma of Technician Engineer in
Electrical Engineering of the
Higher Technical Institute Cyprus.

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A B S T R A C T

This project deals with the use of solar energy as a source for producing single phase A.C. current.

The requirements of this project are:

- (i) To become familiar with the theory concerning solar energy as a means of producing electricity.
- (ii) To become familiar with the theory on single phase inverters.
- (iii) To design and construct a control circuit controlling the D.C. power produced by the two solar panels installed at the H.T.I's area and convert it into A.C.

C O N T E N T S

	<u>Page</u>
ACKNOWLEDGEMENTS	
ABSTRACT	
INTRODUCTION	1
<u>CHAPTER 1 : SOLAR PANELS</u>	2
1.0 Photovoltaic Cells	3
1.1 Photovoltaic Modules	4
1.2 Mounting Operations	4
<u>CHAPTER 2 : STORAGE EQUIPMENT</u>	6
2.0 Introduction	7
2.1 Energy storage	7
2.2 Service life	9
<u>CHAPTER 3 : SINGLE PHASE INVERTERS</u>	12
3.0 Introduction	13
3.1 Kinds of Inverters	13
3.2 Single phase inverter circuits	14
3.2.1 Semiconductor Devices	14
3.3 Centre tap inverter	15
3.3.1 Darlington pair connection	16
3.3.2 Operation of a Centre tap inverter	18
3.3.3 Ability to operate into inductive load	19
<u>CHAPTER 4 : Block diagram representation and control circuit operation</u>	21
4.0 Introduction	22
4.1 Block diagram Representation	22
4.2 Operation of the Control circuit	23
4.2.1 Comparators	24
4.2.2 Circuit of fig. 4.2	28
4.2.3 Circuit of fig. 4.3	31