TABLE OF CONTENTS

CONTENTS                                                                                             Page
Title page                                                                                               i
Abstract                                                                                                 ii
Declaration                                                                                             iii
Dedication                                                                                              iv
Acknowledgements                                                                                  v
List of Figures                                                                                          vi
List of Tables                                                                                          vii
List of Abbreviations                                                                                viii

CHAPTER 1: INTRODUCTION TO THE RESEARCH PROBLEM

1.1   The Research Problem                                                               1
1.2   Context of the Study                                                                  2
1.3   Research Questions                                                                   6
1.4   Ethical considerations                                                                6
1.5   Insider Information                                                                 6

CHAPTER 2: RESEARCH DESIGN

2.1   Research Paradigm                                                                   8
2.2   Research Design                                                                      9
2.3   Research Methodology                                                                 10
2.3.1   Sampling and Selection                                                            10
2.3.2   Data Gathering Methods                                                            10
2.3.3   Data Analysis and Presentation                                                    12
2.4   Accuracy, Validity and Reliability of Information                                    13
2.5   Limitations of the Design                                                           14
CHAPTER 3: LITERATURE REVIEW

3.1 Energy and Energy Policies in South Africa 16
3.2 Learning Theories and perspectives
   3.2.1 Social Capital Theory 18
   3.2.2 Collaborative learning theory and learning communities 20
   3.2.3 Communities of Practice 21
   3.2.4 Situated learning 22
3.3 My personal philosophy of education. 22

CHAPTER 4: RESEARCH FINDINGS

4.1 Participant profile 25
4.2 Participants' experience and knowledge of electricity 27
4.3 Installation of Electricity by ESKOM 28
4.4 Addressing the Research Questions 30

CHAPTER 5: DISCUSSION AND RECOMMENDATIONS

5.1 Research Problem Revisited 42
5.2 Analysis of Findings 42
5.3 Discussion
   5.3.1 Teaching and Learning Theories 44
   5.3.2 Environmental Practices and Attitudes 47
   5.3.3 Shitihelani Village as a Learning Community 49
5.4 Recommendations 51
5.5 Conclusion 53
APPENDICES

Appendix A  Letters to Shitlhelani SANCO and ESKOM  54 - 55
Appendix B  Permission to conduct study  56 - 57
Appendix C  Questionnaire  58
Appendix D  Completed Shitlhelani Community Member Questionnaire  61
Appendix E  Completed ESKOM Employee Questionnaire  67
Appendix F  Information about Electricity contained in ESKOM’s Educational Programme  78

REFERENCES  80