



NUST

**FACULTY OF INDUSTRIAL TECHNOLOGY
DEPARTMENT OF TECHNICAL TEACHER EDUCATION
PROJECT SUPERVISOR: Mr. A J P SIBANDA**

TITLE OF PROJECT

***CRITICALLY INVESTIGATE THE AVAILABLE ALTERNATIVE
SOURCES OF ELECTRICITY IN ZIMBABWE WITH A VIEW TO
SOLVE THE POWER SHORTAGES IN THE COUNTRY.***

Submitted by

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ABSTRACT

The study sought to investigate critically the available alternative sources of electricity in Zimbabwe. It also sought to identify ways of improving the supply of electrical power from the existing power stations.

Literature was reviewed from different engineering textbooks and publications on renewable/alternative sources of electricity. Some information was also found on the internet.

In the study, 80 senior employees of four different organisations was used as the target population from which a sample of 58 was chosen. Three different types of questionnaires was sent out to the respondents research instruments and there was 100% response.

In the presentation of the findings, pie charts, bar graphs, tables and simple percentages was used. Results were then interpreted and conclusions made.

The study recommends that the government and the private sector should work in partnership to establish co generation plants in the Eastern Highlands and the Lowveld and a solar power station in any district which enjoys lengthy sunny periods. It also recommends that a national policy on the development of alternative electricity sources be made clear. The study finally recommends that further study should be undertaken in order to establish more ways of developing renewable/alternative energy sources.