

ENERGY AUDIT

STUDY PERIOD (TWO YEARS) 2021 - 2022 & 2022 - 2023

Sustainability study

AUDIT REPORT

Studied for

Maharashtra Shikshan Samiti's

Maharashtra Mahavidyalaya, Nilanga

Main Road, Nilanga,

District Latur, Pin – 413521

(Maharashtra), India

Studied in the capacity of

Accredited and Certified GBP



Website: <https://thegreenviosolutions.co.in/>

Email: greenviosolutions@gmail.com

Disclaimer

The Audit Team has prepared this report for the **Maharashtra Shikshan Samiti's Maharashtra Mahavidyalaya, Nilanga** located at Main Road, Nilanga, District Latur, Pin – 413521 (Maharashtra), India based on input data submitted by the Institute analysed by the team to the best of their abilities.

The details have been consolidated and thoroughly studied as per the various guidelines for Green Buildings available in National and International Standards; the report has been generated based on comparative analysis of the existing facilities and the prerequisites formulated by various standards. The inputs derived are a result of the inspection and research. These will further enhance and develop a Healthy and Sustainable Institution.

These can be implemented phase wise or as a whole depending on the decision taken by the internal team. The warranty or undertaking, expressed or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements or forecasts in the report.

The audit is a thorough study based on the inspection and investigation of data collected over a period of time and should not be used for any legal action. This is the property of Greenvio Solutions and should not be copied or regenerated in any form.

Greenvio Solutions

Developing Healthy and Sustainable Environments

We are an Environmental and Architectural Design Consultancy firm

Sustainable Academe is our department for conducting Audits

Palghar District, Maharashtra- 401208

sustainableacademe@gmail.com

Introduction

About the Institute

Maharashtra Mahavidyalaya was established by Maharashtra Shikshan Samiti at Nilanga District Latur of Maharashtra state, in June 1970 with Arts and Commerce faculties. Later Science faculty was introduced in June 1986. To fulfil the need of the students courses like B.C.A., B.Voc.(FPPS, WPT), M.Sc. (CS) and M. Com. have also been introduced in the college.

About the Energy audit

The following documentation is based on the consumption practice of the premises on a regular working day.

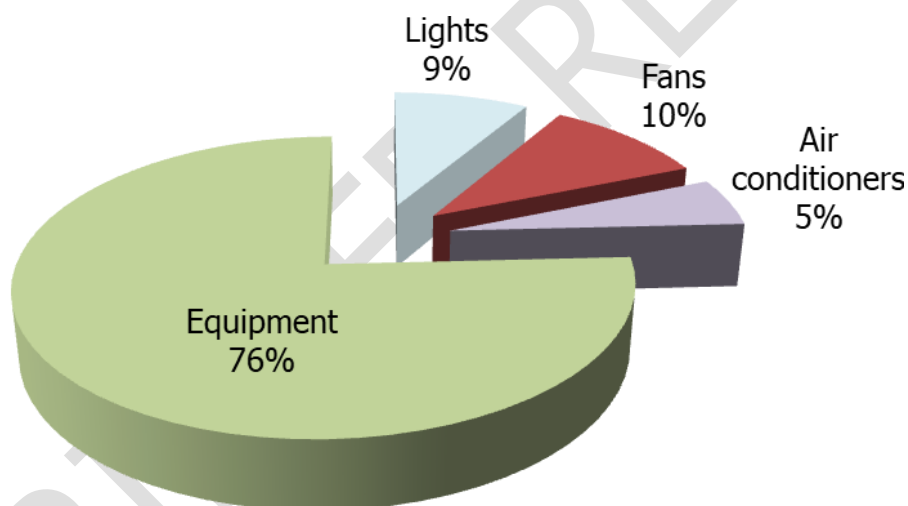


Figure 1: Summary of the calculated electrical consumption as per inventory

The above graph shows that equipment consume 76% whereas the fans consume 10% while the lights consume 9% and the air conditioners consume 5% of the total calculated electrical energy.

