




St. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Deemed to be University U/S 3 of the UGC Act, 1956)
AVADI, Chennai – 600 054. Tamil Nadu.

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Energy Review and Audit Policy

Policy Created on:	01/07/2020	Approved by:  REGISTRAR
Revision 1	10/02/2024	



Registrar
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SDGs directly supported:

- SDG 7 Affordable and Clean Energy
- SDG 13 Climate Action

SDGs Indirectly supported SDGs

- SDG 9 Industry, Innovation and Infrastructure
- SDG 11 Sustainable Cities and Communities
- SDG 12 Responsible Consumption and Production
- SDG 4 Quality Education



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Energy Review and Audit Policy

Introduction

St. Peter's Institute of Higher Education and Research (SPIHER) Energy Review and Audit Policy reflects SPIHER's commitment to continuous improvement through data-driven analysis, technological integration, and enhanced monitoring mechanisms for identifying and reducing energy wastage.

Purpose

The purpose of this revision is to strengthen institutional energy management systems by integrating smart monitoring tools, predictive analytics, and automated reporting. It aims to identify areas of energy loss in real time, ensure accountability across departments, and implement effective measures to minimize wastage.

Scope

This policy applies to all buildings, laboratories, and facilities within the SPIHER campus. It covers both direct electricity usage and indirect consumption from HVAC systems, water distribution, ICT infrastructure, and laboratory equipment. The revised framework aligns with ECBC 2017 (amended 2023), ISO 50001:2018, and the National Energy Efficiency Mission standards.

Revised Policy Framework

- **Annual Third-Party Energy Audits:** Certified auditors will evaluate major systems to identify inefficiencies and benchmark performance.
- **Energy Mapping:** Creation of an Energy Intensity Map for all buildings to visualize high-consumption areas and prioritize action plans.
- **Retrofitting and Optimization:** Adoption of LED retrofits, inverter-based systems, and high-efficiency motors for improved energy performance.
- **Reporting and Feedback:** An Annual Energy Efficiency Review Report will be presented to the SPIHER Sustainability Committee for evaluation and policy updates.

Governance and Monitoring

The Estate Office and the Sustainability Committee will review performance data periodically, track progress through key indicators, and propose



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updates. The final outcomes will be published in SPIHER's Annual Sustainability Report and shared with all stakeholders.

Through this Energy Review and Audit Policy, SPIHER enhances its energy governance structure by integrating smart systems and advanced monitoring. The policy ensures that areas of highest energy wastage are swiftly identified and corrected, promoting responsible energy use, operational efficiency, and sustainability throughout the university campus.

10.02.2024

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